# FLOWFIT®

2017 CATALOGUE

# MANUFACTURERS AND SUPPLIERS OF HYDRAULIC COMPONENTS

**CALL:**
01584 876033

**CLICK:**
www.flowfitonline.com

**VISIT:**
Open 6 Days a week

## SINGLE ACTING 12V DC POWER UNITS

FROM ONLY £141.70 +VAT



## HYDRAULIC CYLINDERS

FROM ONLY £47.78 +VAT



## RETURN LINE FILTERS

FROM ONLY £21.63 +VAT




## LEVER VALVES

FROM ONLY £43.25 +VAT



EX. VAT

- HYDRAULIC VALVES
- HYDRAULIC POWER UNITS
- PETROL AND DIESEL POWER PACKS
- HYDRAULIC MOTORS
- GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS
- HYDRAULIC CYLINDERS
- LOG SPLITTER KITS
- CLUTCHES AND GEARBOXES
- SPLINED COUPLINGS
- HYDRAULIC TANKS
- FILTREC FILTERS
- FLUID TRANSFER
- HYDRAULIC QUICK RELEASE COUPLINGS
- HYDRAULIC ADAPTORS
- GATES HYDRAULIC HOSE
- HYDRAULIC COMPONENTS
- PRESSURE GAUGES

**www.flowfitonline.com**

**It gives us great pleasure to present to you the Hydraulic Sector's largest privately owned Hydraulic Component and Systems catalogue – jam-packed with all hydraulic products to suit all your needs.**

Since our establishment back in 1996 we have seen Flowfit grow to a level we are extremely proud of today making Flowfit the best possible route for all your hydraulic needs.

Within the new catalogue release we would like to draw your attention to the huge stock investment we have made right across the range.

Flowfit continues to invest in the best service, stock holding and deliveries in the industry and really Flowfit remains your number 1 choice in the hydraulic field.

Why not come and see the very first Flowfit Trade Shop which opened in February 2013 showcasing the World's first Hydraulic Component and Systems Trade Shop that we know of, at Flowfit you can purchase ready made powerunits or purchase every item you need to make your hydraulic system with our technically trained sales team.

Or why not come and see the brand new hydraulic engineering facilities where we can now build and test up to 200kw hydraulic powerunits on site.

We look forward to seeing you all at Flowfit or discussing your latest requirements with our sales team.

Thank you for your continued support.

With warmest thanks.

*Simon Parsonage*

MANAGING DIRECTOR
FLOWFIT®




## Quality Products

Everything you buy from us is guaranteed for a minimum of 12 months. If during this time a manufacturers fault develops then we will either replace it free of charge or repair it. Please note all hydraulic powerunits are return to base. We are proud to be a QMS ISO 9002 Registered Firm.

## Free Advice

If you are not sure what you need or you can't find a particular product – call us we're here to help you. Our Technical Sales team is given the latest training and can source and advise the best products to suit your specific needs or we can design a system to suit with our in-house audited hydraulic engineers. We will also provide technical support and a free site visit to discuss your requirements.

FLOWFIT® Galtech OLEODINAMICA LONCIN Gates M+S HYDRAULIC

BUCHER hydraulics FILTREC® Technical Filtration POWERED by HONDA WHITE DRIVE PRODUCTS

HV hydraulics mintor HATZ DIESEL OLEODINAMICA MARCHESINI

# KEEPING INDUSTRY MOVING

# HOW TO ORDER

## Phone: 01584 876033
Monday - Thursday 8.30am - 5.00pm
Friday 8.00am - 4.00pm
Saturday 8.00am - 12.30pm

## Email: sales@flowfitonline.com
You can email your order to our fully qualified sales team 24 hours a day, 7 days a week.

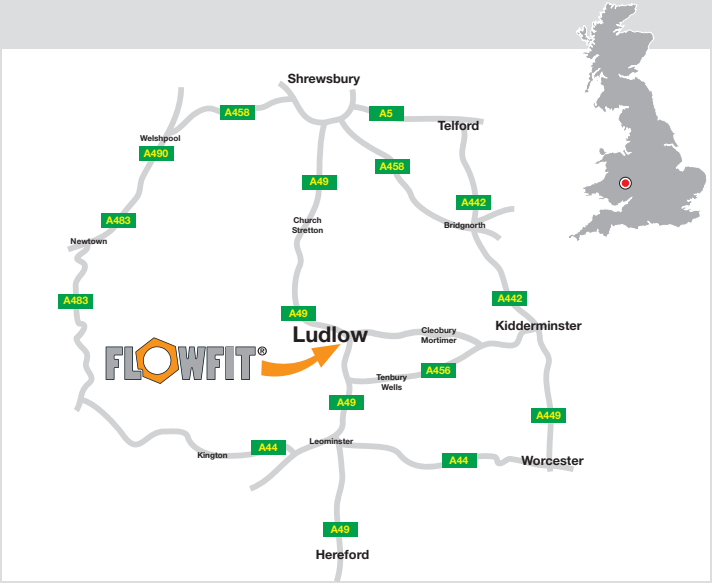
## By Mail
Harrier Fluid Power Ltd T/A Flowfit
Parys Road, Ludlow Business Park
Ludlow, Shropshire SY8 1XY

## Online: www.flowfitonline.com
Online ordering is the quickest and most convenient way to all the industrial supplies you need, 24 hours a day, 7 days a week.

## Fax: 01584 876044
## Fax orders, 24/7

## Visit our Trade Counter in Ludlow
**Parys Road, Ludlow Business Park, Ludlow, Shropshire SY8 1XY**

All prices in this catalogue are excluding V.A.T.




# EASY PAYMENT OPTIONS

## Credit Account
Setting up a business credit account is quick and easy just fill out a credit form, downloadable from the website **www.flowfitonline.com**

## Other Payment Methods
For your convenience we have several easy payment options for you to choose from:

**Credit & Debit Cards**
**Cash at our Trade Counter**
**BACS Transfers**
**Cheque**
**Paypal Payments**

## Satisfaction Guarantee
In the unlikely event that you are not completely satisfied with your purchase, you can return your unused stock item for a full refund. Simply retain your original packaging and contact our Customer Services on 01584 876033 and we will arrange a free collection at a time that is convenient for you.

BFPDA
PROMOTING THE HIGHEST STANDARD IN FLUID POWER DISTRIBUTION

ISO 9001 REGISTERED FIRM

# SECURE ONLINE ORDERING WITH FREE DELIVERY




## All products in this catalogue are available to purchase online at www.flowfitonline.com

- 100% SECURE SHOPPING
- Hassle free delivery direct to your door
- NO QUIBBLE GUARANTEE
- 24 HOUR SHOPPING
- UK BASED CALL CENTRE

Selected products and special offers can also be found on our ebay store.

# OVERSEAS CUSTOMERS

All items in this catalogue and at www.flowfitonline.com are available to overseas customers, please contact us for shipping costs.






**SHOP NOW OPEN 6 DAYS A WEEK**

Follow us on

## FREE NEXT DAY DELIVERY ON ALL WEB ORDERS

Orders placed over the phone or faxed will be subject to our standard delivery charges.

**Order by 4.30pm for next day delivery throughout the UK.**

## SPECIAL DELIVERY AVAILABLE

**NEXT DAY BY 9.30am**
**NEXT DAY BY 10.30am**
**NEXT DAY BY 12 noon**

## SAME DAY OR SATURDAY DELIVERY

**Contact us for a quotation should you require this option.**

## SHIP DIRECT

**Use our stock to ship directly to your customers, no Flowfit paperwork, your paperwork sent direct with the goods.**

## CALL US TODAY

- **Cross reference service**
- **Technical support**
- **Full hydraulic system design**
- **Price challenge**
- **Friendly staff, here to help 01584 876033**

# KEEPING INDUSTRY MOVING

# FLOWFIT®

FILTREC®
Technical Filtration

## UK DISTRIBUTORS




**Flowfit have a huge stock quantity of Hydraulic Filter elements available. With the help of our very own hydraulic cross reference catalogue we can matchup any replacement elements!**




**Call us on 01584 876033 for more information on our replacement elements or to get your replacement element catalogue now!**

# FLOWFIT®

# VIDEO TUTORIALS

Hi, I'm Wayne
the Technical Manager for Flowfit.

I will be producing video Tutorials to aid our customers with anything from trouble shooting, purchasing the correct product or simply on how things are done!

Please see our Flowfit YouTube channel.

If you have any comments, suggestions or requests for this or future productions we would gladly welcome them.



# CONTENTS


## SECTION 1 HYDRAULIC VALVES

### HYDRAULIC CONTROL VALVES 13

| PRODUCT | PAGE |
|---|---|
| MONOBLOCK DIRECTIONAL CONTROL VALVES TYPE HDM | 14 |
| SLICE DIRECTIONAL CONTROL VALVES TYPE HDS | 18 |
| ROTARY HYDRAULIC OPERATED LEVER VALVES | 22 |
| MONOBLOCK CONTROL VALVE C/W FLOW CONTROL | 25 |
| HYDRAULIC HOSE-REEL VALVE LEVER OPERATED C/W FLOW CONTROL | 26 |
| HYDRAULIC HOSE-REEL VALVE WITHOUT FLOW CONTROL | 27 |
| SOLENOID DIVERTER VALVES | 28 |
| LEVER OPERATED DIVERTER VALVES 'DF' SERIES | 29 |
| MONOBLOCK DIRECTIONAL CONTROL VALVES | 30 |

### HYDRAULIC CARTRIDGE VALVES 35

| PRODUCT | PAGE |
|---|---|
| DOUBLE PILOT OPERATED CHECK VALVES | 36 |
| SINGLE PILOT OPERATED CHECK VALVES | 40 |
| OVERCENTRE VALVES | 43 |
| RELIEF VALVES | 48 |
| DUAL CROSS RELIEF VALVES | 53 |
| CHECK VALVES | 59 |
| HOSE BURST VALVES | 60 |
| FLOW REGULATOR VALVES | 63 |
| FLOW DIVIDERS | 68 |
| SEQUENCE VALVES | 69 |
| TWO PUMP "HI-LOW" UNLOADING VALVES | 71 |
| HIGH PRESSURE BALL VALVES | 72 |
| DIVERTER VALVES | 74 |
| END STROKE VALVES | 76 |
| ROTATING COUPLINGS | 78 |
| GAUGE ISOLATOR VALVES | 79 |
| PLOUGH OVERTURNING VALVES | 79 |

### SOLENOID DIVERTER VALVES 82

| PRODUCT | PAGE |
|---|---|
| SDV3 3 WAY SOLENOID DIVERTERS MAX FLOW 80L/MIN | 83 |
| SDV06 6 WAY SOLENOID DIVERTERS MAX FLOW 50L/MIN | 84 |
| SDV10 6 WAY SOLENOID DIVERTERS MAX FLOW 80L/MIN | 85 |
| DIVERTER VALVE HANDLEVER MIRCOSWITCH KIT | 86 |

### FLOWFIT CETOP VALVES 87

| PRODUCT | PAGE |
|---|---|
| FLOWFIT CETOP 3 | 88 |
| FLOWFIT CETOP 5 | 97 |
| KOMPASS RELIEF VALVES | 113 |
| KOMPASS SEQUENCE, COUNTER BALANCE & UNLOADING | 115 |
| 2 WAY CARTRIDGE ELECTRIC VALVES | 116 |
| KOMPASS ELECTRO-HYDRAULIC PROPORTIONAL VALVES | 116 |

## SECTION 2 HYDRAULIC POWER UNITS

### POWER PACKS AND POWER UNITS 119

| PRODUCT | PAGE |
|---|---|
| FLOWFIT 12VDC SINGLE ACTING HYDRAULIC POWER PACKS | 120 |
| FLOWFIT 12VDC DOUBLE ACTING SOLENOID VALVE POWER PACKS | 122 |
| FLOWFIT 12VDC DOUBLE ACTING SOLENOID VALVE POWER PACKS | 124 |
| FLOWFIT 24VDC SINGLE ACTING HYDRAULIC POWER PACKS | 126 |
| FLOWFIT 24VDC DOUBLE ACTING SOLENOID VALVE POWER PACKS | 128 |
| FLOWFIT 24VDC DOUBLE ACTING SOLENOID VALVE POWER PACKS | 130 |
| ACCESSORIES | 132 |
| FLOWFIT MOBILE ENGINE DRIVEN HYDRAULIC POWER UNITS ON WHEELS | 136 |

### HYDRAULIC POWER UNITS 141

| PRODUCT | PAGE |
|---|---|
| SERIES UP100 HYDRAULIC POWER PACKS | 142 |
| UP100 POWERUNIT BUILD YOUR OWN | 143 |
| UP100 READY BUILT IN STOCK | 147 |
| READY BUILT IN STOCK SINGLE ACTING POWERUNIT | 149 |
| UP100 READY BUILT IN STOCK DOUBLE ACTING CIRCUIT | 152 |
| HF500 250 BAR POWER PACKS | 155 |
| DETAILS FOR INSTALLATION HF500 | 160 |
| HF600 350 BAR VARIABLE FLOW HIGH PRESSURE POWER PACKS | 161 |
| DETAILS FOR INSTALLATION HF600 | 163 |
| UP50 MINI-FLOW HYDRAULIC POWER PACK | 164 |
| ET-ELECTRIC DC MOTOR PUMP SET | 167 |
| HF800 HONDA PETROL ENGINE DRIVEN POWER PACKS | 168 |
| HF700 PETROL ENGINE DRIVEN POWER PACKS | 170 |
| HF900 HATZ DIESEL ENGINE DRIVEN | 172 |

## SECTION 3 PETROL AND DIESEL POWER PACKS

### PETROL AND DIESEL POWER PACKS 177

| PRODUCT | PAGE |
|---|---|
| LONCIN 4 STROKE PETROL ENGINES | 178 |
| HATZ DIESEL ENGINES | 179 |
| PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP SETS | 184 |
| PETROL ENGINE DRIVEN HYDRAULIC HI-LOW GEAR PUMP SETS | 186 |

## SECTION 4 HYDRAULIC MOTORS

### FLOWFIT HYDRAULIC MOTORS 191


| PRODUCT | PAGE |
|---|---|
| HYDRAULIC MOTOR SERIES FFPMM | 192 |
| HYDRAULIC MOTOR SERIES FFPM | 193 |
| HYDRAULIC MOTOR SERIES FFPRM | 195 |
| HYDRAULIC MOTOR SERIES FFPMH | 197 |
| HYDRAULIC MOTOR SERIES FFPMS | 198 |
| HYDRAULIC MOTOR SERIES FFPMSY | 201 |
| HYDRAULIC MOTOR SERIES FFPMT | 202 |
| HYDRAULIC MOTOR SERIES FFPMV | 204 |


### WHITE DRIVE MOTORS 206


| PRODUCT | PAGE |
|---|---|
| WHITES WM SERIES HYDRAULIC MOTOR | 207 |
| WHITES WP SERIES HYDRAULIC MOTOR | 209 |
| WHITES WR SERIES HYDRAULIC MOTOR | 210 |
| WHITES DT SERIES HYDRAULIC MOTOR | 211 |
| WHITES RE SERIES HYDRAULIC MOTOR | 211 |
| WHITES WS SERIES HYDRAULIC MOTOR | 211 |


### M&S HYDRAULIC MOTORS 213


| PRODUCT | PAGE |
|---|---|
| M+S HYDRAULIC MOTOR SERIES EPMM | 214 |
| M+S HYDRAULIC MOTOR SERIES EPM | 215 |
| M+S HYDRAULIC MOTOR SERIES EPRM | 216 |
| M+S HYDRAULIC MOTOR SERIES EPMS | 218 |
| M+S HYDRAULIC MOTOR SERIES EPMT | 219 |
| M+S HYDRAULIC MOTOR SERIES EPMV | 220 |
| ELB BRAKES | 221 |
| HKU & HKUS STEERING UNITS | 221 |


### BOLT ON HYDRAULIC VALVES TO SUIT FLOWFIT AND M+S HYDRAULIC MOTORS 222


| PRODUCT | PAGE |
|---|---|
| BDR TYPE | 223 |
| BDS TYPE | 223 |
| BVR TYPE | 224 |


### GEAR MOTORS 227


| PRODUCT | PAGE |
|---|---|
| GROUP 2 | 228 |
| GROUP 3 | 229 |


## SECTION 5 GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

### GEAR PUMPS 230


| PRODUCT | PAGE |
|---|---|
| PUMPS GROUP 1 | 231 |
| PUMPS GROUP 2 | 232 |
| PUMPS GROUP 3 | 233 |
| MULTIPLE TANDEM/TRIPLE HYDRAULIC PUMP KITS | 234 |
| PUMPS AND MOTORS ELBOW CONNECTORS | 234 |


### FLOW DIVIDERS 235


| PRODUCT | PAGE |
|---|---|
| FLOW DIVIDERS | 236 |


### KOMPASS PUMPS 237


| PRODUCT | PAGE |
|---|---|
| 70 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP | 238 |
| 140 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP | 238 |
| 210 - 250 BAR VARIABLE DISPLACEMENT PISTON PUMPS 250 BAR | 239 |
| 210 - 286 BAR VARIABLE DISPLACEMENT PISTON PUMPS 286 BAR | 239 |
| 350 BAR VARIABLE DISPLACEMENT PISTON PUMPS 350 BAR | 239 |


### HYDRAULIC TWO STAGE HI-LO GEAR PUMPS 240


| PRODUCT | PAGE |
|---|---|
| HYDRAULIC GEAR PUMP MODEL GP-CBN TECHNICAL DATA | 241 |


### TWO STAGE HI-LO GEAR PUMP SETS 242


| PRODUCT | PAGE |
|---|---|
| HYDRAULIC 8 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX120/GX160/GX200 | 243 |
| HYDRAULIC 11 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX240/GX270 | 243 |
| HYDRAULIC 11 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX240/GX270 | 244 |
| HYDRAULIC 22 GPM TWO STAGE HI-LOW PUMP C/W BELL HOUSING ENGINE KIT GX630 | 244 |


### BELL HOUSINGS AND DRIVE COUPLINGS FOR ELECTRIC MOTORS, PETROL AND DIESEL ENGINES 245


| PRODUCT | PAGE |
|---|---|
| FLOWFIT ELECTRIC MOTOR BELL HOUSINGS | 246 |
| FLOWFIT ELECTRIC MOTOR DRIVE COUPLINGS | 247 |
| FLOWFIT BELL HOUSING AND DRIVE COUPLING KITS | 248 |

## ELECTRIC MOTORS 250


| PRODUCT | PAGE |
|---|---|
| SERIES ALUMINIUM HOUSING SINGLE-PHASE 11OV MULTI-MOUNT ASYNCHRONOUS MOTOR-DUAL CAPACITORS | 251 |
| SERIES ALUMINIUM HOUSING SINGLE-PHASE 230V MULTI-MOUNT ASYNCHRONOUS MOTOR-DUAL CAPACITORS | 252 |
| SERIES ALUMINIUM HOUSING THREE-PHASE MULTI-MOUNT ASYNCHRONOUS MOTOR | 253 |


## ELECTRIC MOTOR PUMP SET 255


| PRODUCT | PAGE |
|---|---|
| HYDRAULIC MOTOR PUMP SETS 240V AND 415V | 256 |
| HYDRAULIC ELECTRIC MOTOR PUMP SET 3.7KW 240V SINGLE PHASE (1PH) WITH 8GPM HI-LO PUMP | 256 |


## HYDRAULIC HANDPUMPS 257


| PRODUCT | PAGE |
|---|---|
| PMP20S 20CM3 SINGLE ACTING HANDPUMP | 258 |
| PMO50S 50CM3 SINGLE ACTING HANDPUMP | 258 |
| PMO70S 70CM3 SINGLE ACTING HANDPUMP | 259 |
| PMP20 BYBS 20CM3 SINGLE ACTING HANDPUMP | 259 |
| PMO50 BYBS 50CM3 DOUBLE ACTING HANDPUMP FOR SINGLE ACTING CIRCUITS | 260 |
| PMO70 BYBS 70CM3 DOUBLE ACTING HANDPUMP FOR SINGLE ACTING CIRCUITS | 260 |
| PM 6-12-25-45 BYB-S SINGLE ACTING HANDPUMPS | 261 |
| PMD 6-12-25-45 BYB-S DOUBLE ACTING HANDPUMPS | 261 |
| PMDVB 6-12-25-45 BYAB-S DOUBLE ACTING HANDPUMPS | 262 |
| PMP25E SINGLE ACTING HANDPUMPS | 262 |
| PPSE15 BYB SINGLE ACTING HANDPUMPS | 263 |
| STRAIGHT LEVERS FOR HAND PUMPS | 263 |
| FOLD LEVERS FOR HAND PUMPS | 263 |
| STEEL OIL TANK FOR HANDPUMPS | 264 |


## SINGLE ACTING HANDPUMP ASSEMBLIES 265


| PRODUCT | PAGE |
|---|---|
| 6CM3 SINGLE ACTING HANDPUMP | 266 |
| 12CM3 SINGLE ACTING HANDPUMP | 266 |
| 25CM3 SINGLE ACTING HANDPUMP | 267 |
| 45CM3 SINGLE ACTING HANDPUMP | 267 |


## DOUBLE ACTING HANDPUMP ASSEMBLIES 268


| PRODUCT | PAGE |
|---|---|
| 6CM3 DOUBLE ACTING HANDPUMP | 269 |
| 12CM3 DOUBLE ACTING HANDPUMP | 269 |
| 25CM3 DOUBLE ACTING HANDPUMP | 270 |
| 45CM3 DOUBLE ACTING HANDPUMP | 270 |


## HANDPUMP AND POWERPACK TRAILER KITS 271


| PRODUCT | PAGE |
|---|---|
| SINGLE ACTING HANDPUMP AND CYLINDER KITS | 272 |
| DOUBLE ACTING HANDPUMP AND CYLINDER KITS | 272 |
| 12VDC SINGLE ACTING HYDRAULIC TRAILER KITS | 273 |
| 24VDC SINGLE ACTING HYDRAULIC TRAILER KITS | 273 |


# SECTION 6 HYDRAULIC CYLINDERS

## FLOWFIT HYDRAULIC CYLINDERS 275


| PRODUCT | PAGE |
|---|---|
| SERIES 100 - SINGLE ACTING HYDRAULIC CYLINDER | 276 |
| SERIES 200 – DOUBLE ACTING HYDRAULIC CYLINDER | 278 |
| SERIES 300 - DOUBLE ACTING HYDRAULIC CYLINDER (NO ENDS) | 282 |
| SERIES 400 - DOUBLE ACTING HYDRAULIC CYLINDER | 284 |
| SERIES 590 - TURN-OVER PLOUGH CYLINDER | 286 |
| SERIES 600 - STANDARD HYDRAULIC TOP LINK | 287 |
| SERIES 610 - HYDRAULIC TOP LINK (FIXED) | 288 |
| SERIES 620 - HYDRAULIC TOP LINK (RAPID HOOK) | 289 |
| SERIES 630 - HYDRAULIC TOP LINK (RAPID HOOK) | 290 |
| SERIES 700 - BRAKE CYLINDER (SINGLE ACTING) | 291 |
| SERIES 710 - BRAKE CYLINDER (SINGLE ACTING) | 291 |
| FOLDING HYDRAULIC CRUTCH | 292 |


# SECTION 7 LOG SPLITTER KITS

## FLOWFIT LOG SPLITTER KITS 294


| PRODUCT | PAGE |
|---|---|
| HONDA LOGSPLITTER KIT | 295 |
| LONCIN LOGSPLITTER KIT | 297 |

# SECTION 8 CLUTCHES AND GEARBOXES

## MECHANICAL CLUTCHES 299


| PRODUCT | PAGE |
|---|---|
| SERIES 30100 MECHANICAL CLUTCH GROUP 1 AND GROUP 2 • 30KW | 300 |
| SERIES 30300 MECHANICAL CLUTCH GROUP 2 AND GROUP 3 • 40KW | 301 |
| SERIES 30500 MECHANICAL CLUTCH GROUP 3.5 AND GROUP 4 • 60KW | 302 |
| FLANGES TO SUIT SERIES 30500 MECHANICAL CLUTCH | 303 |


## FLOWFIT REVERSIBLE MECHANICAL CLUTCH AND HYDRAULIC PUMP ASSEMBLIES 304


| PRODUCT | PAGE |
|---|---|
| GROUP 1 - 9L/MIN TO 17.64L/MIN | 305 |
| GROUP 2 - 19.8L/MIN TO 46.8L/MIN | 306 |
| GROUP 3 - 52.2L/MIN TO 79.2L/MIN | 306 |


## PTO GEARBOXES 307


| PRODUCT | PAGE |
|---|---|
| SERIES 60000 PTO GEARBOX PUMP GROUP 2 • 10KW | 308 |
| SERIES 70000 PTO GEARBOX PUMP GROUP 3 • 20KW | 309 |
| SERIES 70012 CAST IRON PTO GEARBOX PUMP GROUP 3 • 37KW | 310 |


## HYDRAULIC PTO GEARBOXES AND PUMP ASSEMBLIES 311


| PRODUCT | PAGE |
|---|---|
| PTO GEAR BOXES WITH GROUP 2 PUMPS | 312 |
| PTO GEAR BOXES WITH GROUP 3 PUMPS | 313 |
| CAST IRON PTO GEAR BOXES WITH GROUP 3 PUMPS | 313 |


## PUMP BEARING SUPPORTS 314


| PRODUCT | PAGE |
|---|---|
| GROUP 1 BEARING SUPPORT | 315 |
| GROUP 2 BEARING SUPPORT | 315 |
| GROUP 2 BEARING SUPPORT REINFORCED | 316 |
| GROUP 3 BEARING SUPPORT | 317 |


## SPEED REDUCTION GEARBOXES 318


| PRODUCT | PAGE |
|---|---|
| 95000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES | 319 |
| 96000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES | 320 |
| 97500 SERIES CAST IRON SPEED REDUCTION GEARBOXES | 321 |


## ELECTROMAGNETIC CLUTCHES 323


| PRODUCT | PAGE |
|---|---|
| 10 daNm ELECTROMAGNETIC CLUTCHES | 324 |
| 14 daNm ELECTROMAGNETIC CLUTCHES | 328 |
| 21 daNm ELECTROMAGNETIC CLUTCHES | 332 |
| 50 daNm ELECTROMAGNETIC CLUTCHES | 334 |


## ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLIES 336


| PRODUCT | PAGE |
|---|---|
| FLOWFIT HYDRAULIC 12V ELECTRO MAGNETIC CLUTCH | 337 |
| FLOWFIT HYDRAULIC 24V ELECTRO MAGNETIC CLUTCH | 338 |


# SECTION 9 SPLINED COUPLINGS

## SPLINED COUPLINGS 339


| PRODUCT | PAGE |
|---|---|
| SPLINED COUPLINGS SERIES 10000 | 340 |
| SPLINED COUPLINGS SERIES 15000 | 341 |
| SPLINED SLEEVES | 341 |


# SECTION 10 HYDRAULIC TANKS

## FLOWFIT WELDLESS STEEL TANKS 344


| PRODUCT | PAGE |
|---|---|
| FLOWFIT WELDLESS STEEL TANKS | 345 |
| FLOWFIT WELDLESS STEEL PRIMED TANK | 347 |


## ALUMINIUM OIL TANKS 349


| PRODUCT | PAGE |
|---|---|
| ALUMINIUM OIL TANKS AB 3,5 | 350 |
| ALUMINIUM OIL TANKS AB 6,5 | 350 |
| ALUMINIUM OIL TANKS AB 12 NR | 351 |
| ALUMINIUM OIL TANKS AB 20 | 351 |
| ALUMINIUM OIL TANKS AB 30 NR | 352 |
| ALUMINIUM OIL TANKS AB 44 | 352 |
| ALUMINIUM OIL TANKS AB 70 | 353 |
| OIL SUMPS FOR ALUMINIUM TANKS | 353 |


## HYDRAULIC TANKS COMPLETE WITH ACCESSORIES 354


| PRODUCT | PAGE |
|---|---|
| 165L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES | 355 |
| ALUMINIUM OIL TANKS AB 20 | |
| 165L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES | 357 |
| FLOWFIT WELDLESS STEEL TANKS COMPLETE WITH ACCESSORIES | 357 |

## STEEL & STAINLESS STEEL OIL TANKS 358


| PRODUCT | PAGE |
|---|---|
| HF SERIES STEEL TANKS | 359 |
| SS SERIES 304 STAINLESS STEEL TANK | 359 |
| DIN24339 HEAVY DUTY • HIGH SPECIFICATION TANKS | 359 |


## TANK HEATERS 360


| PRODUCT | PAGE |
|---|---|
| VR IMMERSION HEATERS WITH MAGNETIC CLAMPS | 361 |
| CARTRIDGE SCREWED-IN HEATERS | 362 |
| CARTRIDGE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT | 363 |
| RHK-TUBE SCREWED-IN HEATERS | 364 |
| RHK-TH-TUBE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT | 364 |


# SECTION 11 FILTREC FILTERS

## FILTREC TECHNICAL FILTRATION 367


| PRODUCT | PAGE |
|---|---|
| FILTREC RETURN LINE FILTERS | 368 |
| FILTREC TANK TOP RETURN LINE FILTERS | 369 |
| FILTREC LOW PRESSURE INLINE FILTER | 375 |
| FILTREC SUCTION LINE FILTERS | 376 |
| FILTREC SUCTION STRAINERS | 377 |
| FILTREC SUCTION FILTERS | 378 |
| FILTREC MEDIUM PRESSURE FILTERS | 379 |
| FILTREC HIGH PRESSURE FILTERS | 382 |


## FILTREC ACCESSORIES 385


| PRODUCT | PAGE |
|---|---|
| CLOGGING INDICATORS | 386 |
| ELECTRIC LEVEL INDICATORS | 397 |
| ELECTRIC FLOATING LEVEL GAUGES | 399 |
| SIGHT GLASSES, PLUGS AND BREATHERS | 405 |


# SECTION 12 FLUID TRANSFER

## FLUID TRANSFER 412


| PRODUCT | PAGE |
|---|---|
| HF10 FILTRATION UNIT | 413 |
| SUPER DELUXE PORTABLE FILTRATION UNIT | 413 |
| VISCOMAT OIL TRANSFER PUMPS | 414 |
| DC PUMPS VISCOMAT DC | 417 |
| HAND OPERATED PUMPS FOR OIL DRUMS | 415 |


# SECTION 13 HYDRAULIC QUICK RELEASE COUPLINGS

## HYDRAULIC QUICK RELEASE COUPLINGS 418


| PRODUCT | PAGE |
|---|---|
| FLOWFIT HYDRAULIC ISO A QUICK RELEASE COUPLINGS MALE & FEMALE ENDS | 419 |
| FLOWFIT HYDRAULIC FLAT FACE QUICK RELEASE COUPLINGS MALE & FEMALE ENDS | 421 |
| FLOWFIT HYDRAULIC TRAILER BRAKE QUICK RELEASE COUPLINGS | 423 |


# SECTION 14 HYDRAULIC ADAPTORS

## HYDRAULIC ADAPTORS 425


| PRODUCT | PAGE |
|---|---|
| MALE X MALE ADAPTORS | 426 |
| MALE X SWIVEL FEMALE ADAPTORS | 440 |
| SWIVEL FEMALE X SWIVEL FEMALE ADAPTORS | 444 |
| MALE X FIXED FEMALE & FIXED FEMALE/FEMALE ADAPTORS | 445 |
| TEES & CROSS ADAPTORS | 448 |
| ELBOW ADAPTORS | 454 |
| PLUGS, CAPS & CRIMP NUTS | 461 |
| SWEPTS, PUSH-INS, HOSE-TAILS & FERRULES | 464 |
| BONDED SEALS | 466 |


# SECTION 15 GATES

## GATES HYDRAULIC HOSE, FITTINGS & MACHINERY 467


| PRODUCT | PAGE |
|---|---|
| CM2T HYDRAULIC HOSES AND FITTINGS | 468 |
| CRIMPING MACHINES: OVERVIEW | 486 |
| CUTTING MACHINES: OVERVIEW | 488 |
| HIGH PRESSURE 6000 PST HYDRAULIC HOSE AND FITTINGS | 490 |

## SECTION 16 HYDRAULIC COMPONENTS

### MINTOR ACCESSORIES FOR HYDRAULIC COMPONENTS 501


| PRODUCT | PAGE |
|---|---|
| BREATHER PLUGS | 502 |
| MAGNETIC PLUGS | 508 |
| DRAIN FILLING PLUGS | 511 |
| VISUAL LEVEL INDICATORS | 514 |
| FILLING PLUGS | 526 |
| PLUGS ON INCLINED FLANGE | 532 |


## SECTION 17 PRESSURE GAUGES

### PRESSURE GAUGES 534


| PRODUCT | PAGE |
|---|---|
| 40MM BASE ENTRY PRESSURE GAUGE | 535 |
| 40MM REAR ENTRY PRESSURE GAUGE | 535 |
| 50MM REAR ENTRY PRESSURE GAUGE | 535 |
| 50MM BASE ENTRY PRESSURE GAUGE | 536 |
| 63MM BASE ENTRY PRESSURE GAUGE | 536 |
| 63MM REAR ENTRY PRESSURE GAUGE | 537 |
| 100MM BASE ENTRY PRESSURE GAUGE | 538 |
| 100MM REAR ENTRY PRESSURE GAUGE | 539 |
| GAUGE ISOLATOR VALVES | 539 |


## SECTION 18 INDEX


| | |
|---|---|
| INDEX | 541 |

## HYDRAULIC VALVES

# HYDRAULIC CONTROL VALVES


| PRODUCT | PAGE |
|---|---|
| MONOBLOCK DIRECTIONAL CONTROL VALVES TYPE HDM | 14 |
| SLICE DIRECTIONAL CONTROL VALVES TYPE HDS | 18 |
| ROTARY HYDRAULIC OPERATED LEVER VALVES | 22 |
| MONOBLOCK CONTROL VALVE C/W FLOW CONTROL | 25 |
| HYDRAULIC HOSE-REEL VALVE LEVER OPERATED C/W FLOW CONTROL | 26 |
| HYDRAULIC HOSE-REEL VALVE WITHOUT FLOW CONTROL | 27 |
| SOLENOID DIVERTER VALVES | 28 |
| LEVER OPERATED DIVERTER VALVES 'DF' SERIES | 29 |
| MONOBLOCK DIRECTIONAL CONTROL VALVES | 30 |











**QUALITY PRODUCTS**

**FREE ADVICE**

FLOWFIT® 24 HOUR DELIVERY

# MONOBLOCK DIRECTIONAL CONTROL VALVES TYPE HDM

BUCHER hydraulics



The valves of the HDM range are compact monobloc valves, available in 4 sizes. With the combination of different directional valves, stops, operators and shock-and/or anti-cavitation valves* this monobloc is adaptable to any requirements.

The HDM valves are available with open centre, high pressure carryover or closed centre operation.

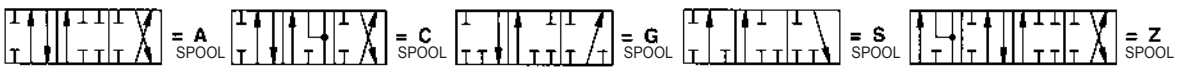
If you can't see what you need – please ask!

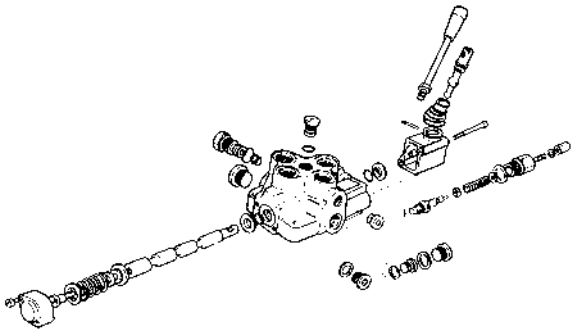
- Lever control
- Electro hydraulic on/off
- Parallel and series circuits
- Unload in neutral, high pressure carryover
- Ancillary Valves: shock-and anticavitation valves, shock valves, check valves

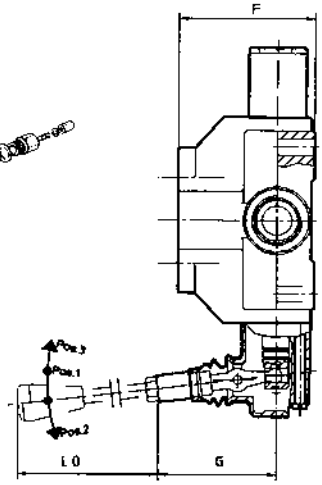
| TECHNICAL DATA | | HDM140 | HDM 11 P | HDM 11 S | HDM 18 | HDM 25 | SD18 |
|---|---|---|---|---|---|---|---|
| Number of spools | | 1 | 2-6 | 1-6 | 1-4 | 1-2 | 1-6 |
| Flow rate | l/min | 40 | 45 | 45 | 70 | 100 | 160 |
| Inlet pressure max. | bar | 320 | 400 | 400 | 400 | 400 | 250 |
| Return pressure max. | bar | 30 | 30 | 30 | 30 | 30 | 25 |
| Fluid | | Mineral oil to DIN 51524 | | | | | |
| Operating temperature | °C | -20 to +80 | | | | | |
| Viscosity range | mm2/s | 16 to 75 | | | | | |
| Filtration | Micron | 30 | | | | | |

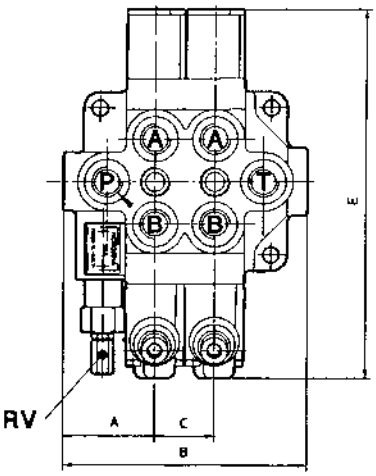
| Directional valve | |
|---|---|
| CONTROLS AVAILABLE | Lever / cable control / electro hydraulic (on/off) / electro hydraulic proportional |

## SPOOLS AVAILABLE – PLUS MANY MORE






| LEVER LENGTHS – MM | | | | | |
|---|---|---|---|---|---|
| HDM 140 | 150 | 200 | 250 | 300 | - |
| HDM 11 | 150 | 200 | 250 | 300 | - |
| HDM 18 | - | 185 | 250 | 300 | 350 |
| HDM 25 | - | 185 | 250 | 300 | 350 |
| SD18 | 150 | 200 | 250 | 300 | - |

| TECHNICAL DATA | A | B | C | E | F | G | P T A+B |
|---|---|---|---|---|---|---|---|
| HDM 140* | 35 | 85 | 0 | 187 | 53 | 87 | 3/8" BSP |
| HDM 140* | 35 | 85 | 0 | 187 | 53 | 87 | 3/8" BSP |
| HDM 11 P | 51.3 | 28.6 x S + 128.6 | 28.6 | 180 | 57 | 66 | 3/8" BSP |
| HDM 11 S | 53.0 | 36 x S + 111 | 36 | 180 | 67 | 66 | 1/2" BSP |
| HDM 18 | 60 | 40 x S + 115 | 40 | 216 | 72 | 73 | 1/2" BSP |
| HDM 25 | 62 | 40 x S + 124 | 40 | 252 | 90 | 80 | 3/4" BSP |
| SD 18 | 85 | 53 X S + 160 | 53 | 320 | 92 | 1 | 3/4" BSP |

S = NUMBER OF SPOOL -1

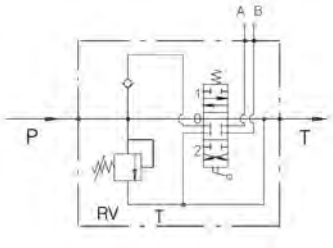
* SINGLE MONOBLOCK VALVE ONLY

# 3/8” PORTS MAX FLOW 40L/MIN MONOBLOCK HDM140 SERIES C/W MAIN RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
DCV1

BUCHER hydraulics






| PART NO | DESCRIPTION | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 200.0514.12.024 | BUCHER HYDRAULIC 1 BANK, 3/8”BSP 40 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM140 K02150A01 | 320 | £43.25 | € 58.40 |
| 200.0514.12.047 | BUCHER HYDRAULIC 1 BANK, 3/8” BSP 40 L/MIN SINGLE ACTING CYLINDER SPOOL 3 POSITION SPRING RETURN HDM140 K02150G01 | 320 | £59.51 | € 80.34 |
| 200.0514.12.044 | BUCHER HYDRAULIC 1 BANK, 3/8”BSP 40 L/MIN MOTOR SPOOL 3 POSITION DETENT HDM140 K02150C03 | 320 | £59.51 | € 80.34 |

# 3/8” PORTS MAX FLOW 45L/MIN MONOBLOCK HDM11/P SERIES C/W MAIN RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
DCV2

BUCHER hydraulics

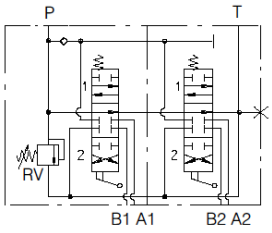












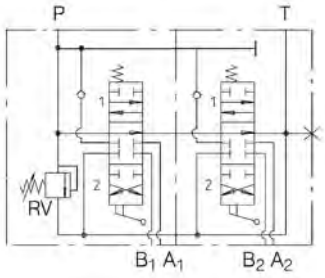

| PART NO | DESCRIPTION | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 200.0611.22.182 | BUCHER HYDRAULIC 2 BANK, 3/8”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11P/2K04 150 A01 A01 | 400 | £101.26 | € 136.71 |
| 200.0611.32.164 | BUCHER HYDRAULIC 3 BANK, 3/8”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11P/3KO4 150 A01 A01 A01 | 400 | £142.81 | € 192.79 |
| 200.0611.42.124 | BUCHER HYDRAULIC 4 BANK, 3/8”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11P/4K04 150 A01 A01 A01 A01 | 400 | £172.65 | € 233.07 |
| 200.0611.52.078 | BUCHER HYDRAULIC 5 BANK, 3/8”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11P/5K04 150 A01 A01 A01 A01 A01 | 400 | £206.42 | € 278.67 |
| 200.0611.62.026 | BUCHER HYDRAULIC 6 BANK, 3/8”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11P/6K04 150 A01 A01 A01 A01 A01 A01 6 | 400 | £233.68 | € 315.47 |

# 1/2” PORTS MAX FLOW 45L/MIN MONOBLOCK HDM11/S SERIES C/W MAIN RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
DCV3

BUCHER hydraulics





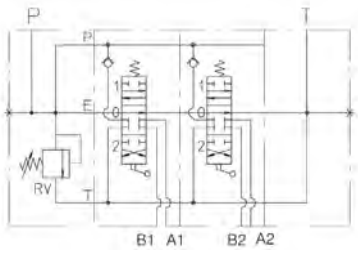

| PART NO | DESCRIPTION | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 200.0611.13.042 | BUCHER HYDRAULIC 1 BANK, 1/2”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11S/1K03 150 A01 | 400 | £81.79 | € 110.41 |
| 200.0611.23.043 | BUCHER HYDRAULIC 2 BANK, 1/2”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11S/2K03 150 A01 A01 | 400 | £125.93 | € 170.00 |
| 200.0611.33.044 | BUCHER HYDRAULIC 3 BANK, 1/2”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11S/3K03 150 A01 A01 A01 | 400 | £163.58 | € 220.83 |
| 200.0611.43.040 | BUCHER HYDRAULIC 4 BANK, 1/2”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11S/4K03 150 A01 A01 A01 A01 | 400 | £201.23 | € 271.66 |
| 200.0611.53.037 | BUCHER HYDRAULIC 5 BANK, 1/2”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11S/5KO3 150 A01 A01 A01 A01 A01 5 BANK | 400 | £244.06 | € 329.48 |
| 200.0611.63.015 | BUCHER HYDRAULIC 6 BANK, 1/2”BSP 45 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM11S/6K03 150 A01 A01 A01 A01 A01 A01 | 400 | £258.35 | € 348.76 |

# 1/2” PORTS MAX FLOW 70L/MIN MONOBLOCK HDM 18 SERIES C/W MAIN RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
DCV4

BUCHER hydraulics






| PART NO | DESCRIPTION | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 200.0718.13.002 | BUCHER HYDRAULIC 1 BANK, 1/2”BSP 70 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM18/1K02 150/A08 | 400 | £111.27 | € 141.32 |
| 200.0718.23.001 | BUCHER HYDRAULIC 2 BANK, 1/2”BSP 70 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM18/2K02 150/A08 A08 | 400 | £181.74 | € 245.35 |
| 200.0718.33.008 | BUCHER HYDRAULIC 3 BANK, 1/2”BSP 70 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM18/3K02 150/A08 A08 A08 | 400 | £253.15 | € 341.76 |
| 200.0718.43.007 | BUCHER HYDRAULIC 4 BANK, 1/2”BSP 70 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM18/4K02 150/A08 A08 A08 A08 | 400 | £308.97 | € 417.11 |

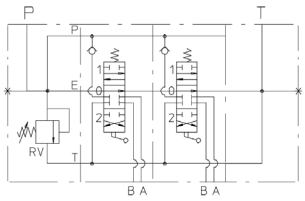
# 3/4” PORTS MAX FLOW 100L/MIN MONOBLOCK HDM 25 SERIES C/W MAIN RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
DCV5

BUCHER hydraulics







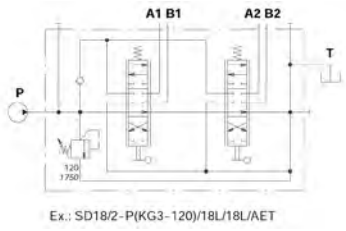

| PART NO | DESCRIPTION | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 200.0725.14.001 | BUCHER HYDRAULIC 1 BANK, 3/4”BSP 100 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM25/1K031 150/A01 L100 | 320 | £164.87 | € 222.58 |
| 200.0725.24.001 | BUCHER HYDRAULIC 2 BANK, 3/4”BSP 100 L/MIN DOUBLE ACTING CYLINDER SPOOL 3 POSTIONS, SPRING RETURN HDM25/2K031 150/A01/A01 L100 | 320 | £296.00 | € 399.60 |

# 3/4” PORTS MAX FLOW 160L/MIN MONOBLOCK SD18 SERIES C/W MAIN RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
DCV6

walvoil
HYDRAULIC CONTROL SYSTEMS





Ex.: SD18/2-P(KG3-120)/18L/18L/AET

| PART NO | DESCRIPTION | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 106111001 | SD18/1-P(KG3)/18L/AET 1 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | £369.37 | € 498.65 |
| 106211001 | SD18/2-P(KG3)/18LX2/AET 2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | £545.05 | € 735.83 |
| 106311001 | SD18/3-P(KG3)/18LX3/AET 3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | £737.11 | € 995.10 |
| 106411001 | SD18/4-P(KG3)/18LX4/AET 4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | £904.63 | € 1,221.24 |
| 106511001 | SD18/5-P(KG3)/18LX5/AET 5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | £1,085.23 | € 1,465.05 |
| 106611001 | SD18/6-P(KG3)/18LX6/AET 6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | £1,307.50 | € 1,765.13 |

FOR SALES & ADVICE CALL US 01584 876033

# SLICE DIRECTIONAL CONTROL VALVES TYPE HDS

BUCHER hydraulics



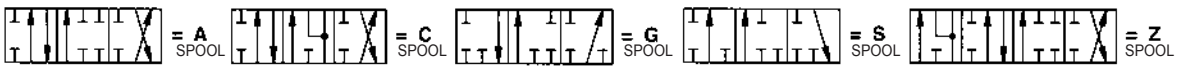
The HDS valve range represents a flexible unit construction, the elements of which may be combined into one valve unit as required.
The valves are available connected in parallel and in series circuits.
A typical valve unit comprises an inlet plate, the directional control valve sections and end plate. With all valves in neutral the flow returned to the tank (open centre). In addition high pressure carry over or closed centre circulation are available.

- Lever control
- Electro hydraulic on/off and proportional operation
- Open centre, closed centre and high pressure carryover
- Pilot operated check valves
- Priority flow control valves
- Shock, anticavitation and combined shock and anticavitation valves

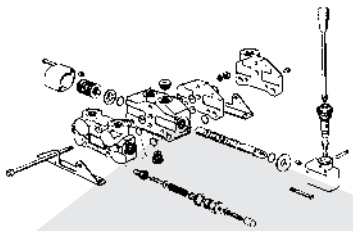
| TECHNICAL DATA | | HDS 11 | HDS 15 | HDS 20 | HDS 30 | SD25 |
|---|---|---|---|---|---|---|
| Number of spools | | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 |
| Flow rate | l/min | 45 | 60 | 80 | 120 | 240 |
| Inlet pressure max. | bar | 320 | 320 | 320 | 320 | 315 |
| Return pressure max. | bar | 30 | 30 | 30 | 30 | 25 |
| Fluid | | Mineral oil to DIN 51524 | | | | |
| Operating temperature | ˚C | -20 to +80 | | | | |
| Viscosity range | mm2/s | 16 to 75 | | | | |
| Filtration | Micron | ≤30 | | | | |

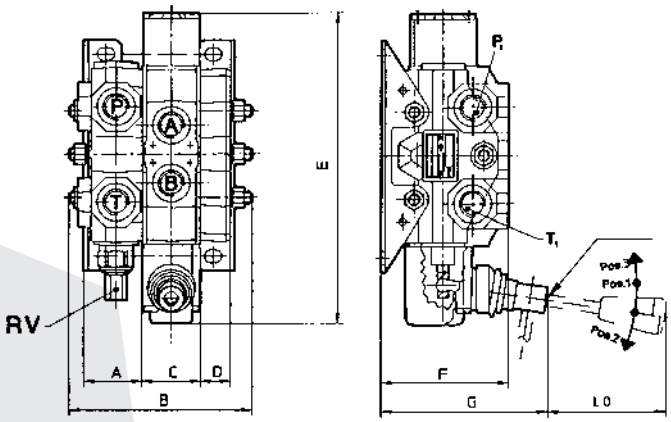
| Directional valve | |
|---|---|
| CONTROLS AVAILABLE | Lever / joystick for 2 valves / cable control / hydraulic or pn |
| ELECTRO HYDRAULIC (ON/OFF) / ELECTRO PNEUMATIC PROPORTIONAL | |

## SPOOLS AVAILABLE – PLUS MANY MORE




| | A | B | C | D | E | F | G | P+T | A+B |
|---|---|---|---|---|---|---|---|---|---|
| HDS 11 | 40 | 31.8 x W + 101.6 | 31.8 | 40 | 171 | 75 | 122 | 3/8" BSP | |
| HDS 15 | 44 | 40 x W + 86 | 40 | 21 | 179 | 88 | 115 | 1/2" BSP | |
| HDS 20 | 40 | 40 x W +100 | 40 | 40 | 252 | 106 | 121 | 3/4" | 1/2" BSP |
| HDS 30 | 50 | 44 x W + 124 | 44 | 50 | 262 | 113 | 126 | 1" | 3/4" |
| SD 25 | N/A | 62 x W + 173 | N/A | 62 | 356 | N/A | 137 | P 1" T 1 1/4" | 1" |
| W = Width of directional sections (max. 10 sections per control block) | | | | | | | | | |





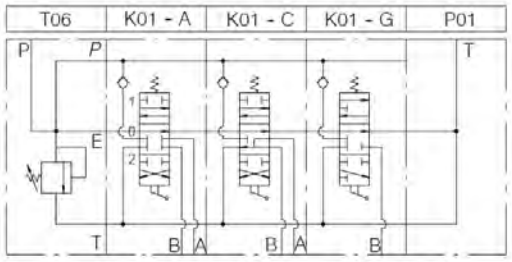

| LEVER LENGTHS – MM | | | | | |
|---|---|---|---|---|---|
| HDM 140 | 150 | 200 | 250 | 300 | - |
| HDS 11 | 150 | 200 | 250 | 300 | - |
| HDS 15 | - | 185 | 250 | 300 | 350 |
| HDS 20 | - | 185 | 250 | 300 | 350 |
| HDS 30 | - | 185 | 250 | 300 | 350 |
| SD25 | 150 | 200 | 250 | 300 | - |

# HDS11 SLICE VALVE 3/8" PORTS MAX FLOW 45L/MIN C/W MAIN RELIEF AND MOUNTING FEET.

www.flowfitonline.com
TECH. DATA SHEET
DCV7

BUCHER hydraulics





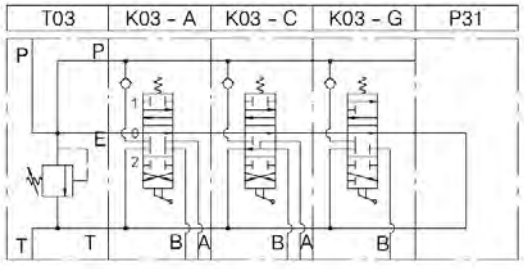

| PART NO | DESCRIPTION | MAX FLOW L/MIN | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| HDS11/1/STD | 1 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 45 | 320 | £121.77 | € 147.28 |
| HDS11/2/STD | 2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 45 | 320 | £184.68 | € 223.38 |
| HDS11/3/STD | 3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 45 | 320 | £246.79 | € 298.50 |
| HDS11/4/STD | 4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 45 | 320 | £308.90 | € 373.62 |
| HDS11/5/STD | 5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 45 | 320 | £371.82 | € 449.72 |
| HDS11/6 /STD | 6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 45 | 320 | £434.74 | € 525.83 |
| HDS11/7/STD | 7 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 45 | 320 | £496.84 | € 600.94 |
| HDS11/8/STD | 8 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 45 | 320 | £559.76 | € 677.05 |
| HDS11/9/STD | 9 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 45 | 320 | £622.70 | € 753.16 |
| HDS11/10/STD | 10 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 45 | 320 | £684.80 | € 828.27 |

# HDS15 SLICE VALVE 1/2"PORTS MAX FLOW 60L/MIN C/W MAIN RELIEF AND MOUNTING FEET.

www.flowfitonline.com
TECH. DATA SHEET
DCV8

BUCHER hydraulics





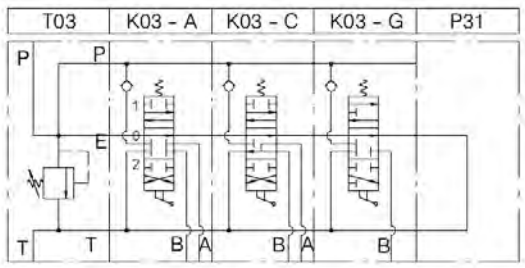

| PART NO | DESCRIPTION | MAX FLOW L/MIN | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| HDS15/1/STD | 1 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 60 | 320 | £153.63 | € 207.40 |
| HDS15/2/STD | 2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 60 | 320 | £232.08 | € 313.31 |
| HDS15/3/STD | 3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 60 | 320 | £310.52 | € 419.20 |
| HDS15/4/STD | 4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 60 | 320 | £466.62 | € 629.94 |
| HDS15/5/STD | 5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 60 | 320 | £466.62 | € 629.94 |
| HDS15/6/STD | 6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 60 | 320 | £545.06 | € 735.83 |
| HDS15/7/STD | 7 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 60 | 320 | £623.52 | € 841.75 |
| HDS15/8/STD | 8 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 60 | 320 | £701.96 | € 947.65 |
| HDS15/9/STD | 9 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 60 | 320 | £780.42 | € 1,053.57 |
| HDS15/10/STD | 10 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 60 | 320 | £858.05 | € 1,158.37 |

# HDS20 SLICE VALVE 1/2” PORTS (A+B), 3/4” PORTS (P+T) MAX FLOW 80 L/MIN C/W MAIN RELIEF AND MOUNTING FEET.

www.flowfitonline.com
TECH. DATA SHEET
DCV9

BUCHER hydraulics





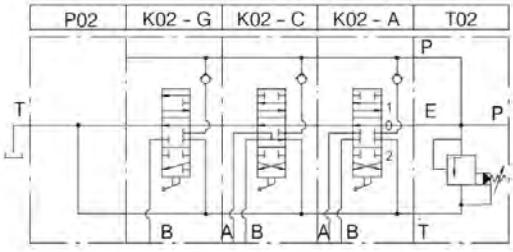

| PART NO | DESCRIPTION | MAX FLOW L/MIN | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| HDS20/1/STD | 1 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 80 | 320 | £200.97 | € 271.31 |
| HDS20/2/STD | 2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 80 | 320 | £296.64 | € 400.46 |
| HDS20/3/STD | 3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 80 | 320 | £392.26 | € 529.53 |
| HDS20/4/STD | 4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 80 | 320 | £487.86 | € 658.61 |
| HDS20/5/STD | 5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 80 | 320 | £583.48 | € 787.70 |
| HDS20/6/STD | 6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 80 | 320 | £679.07 | € 916.75 |
| HDS20/7/STD | 7 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 80 | 320 | £773.87 | € 1,044.73 |
| HDS20/8/STD | 8 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 80 | 320 | £876.02 | € 1,182.62 |
| HDS20/9/STD | 9 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 80 | 320 | £969.76 | € 1,309.18 |
| HDS20/10/STD | 10 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 80 | 320 | £1,058.37 | € 1,428.79 |

# HDS30 SLICE VALVE 3/4” PORTS MAX FLOW 120L/MIN C/W MAIN RELIEF AND MOUNTING FEET.

www.flowfitonline.com
TECH. DATA SHEET
DCV10

BUCHER hydraulics



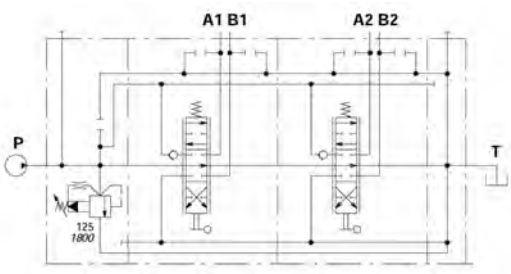



| PART NO | DESCRIPTION | MAX FLOW L/MIN | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| HDS30/1/STD | 1 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 120 | 320 | £266.40 | € 359.64 |
| HDS30/2/STD | 2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 120 | 320 | £375.87 | € 507.43 |
| HDS30/3/STD | 3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 120 | 320 | £487.86 | € 658.61 |
| HDS30/4/STD | 4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 120 | 320 | £594.09 | € 802.02 |
| HDS30/5/STD | 5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 120 | 320 | £706.05 | € 953.16 |
| HDS30/6/STD | 6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 120 | 320 | £819.64 | € 1,106.51 |
| HDS30/7/STD | 7 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 120 | 320 | £922.60 | € 1,245.51 |
| HDS30/8/STD | 8 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 120 | 320 | £1,034.55 | € 1,396.65 |
| HDS30/9/STD | 9 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 120 | 320 | £1,140.78 | € 1,540.06 |
| HDS30/10/STD | 10 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 120 | 320 | £1,250.29 | € 1,687.89 |

# SD25 SLICE VALVE 1"PORTS MAX FLOW 240L/MIN C/W MAIN RELIEF VALVE AND MOUNTING FEET.

www.flowfitonline.com
TECH. DATA SHEET
DCV11






walvoil
HYDRAULIC CONTROL SYSTEMS

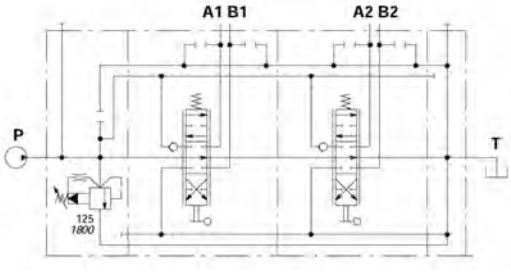
| PART NO | DESCRIPTION | MAX FLOW L/MIN | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| SD25/1/STD | 1 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 240 | 315 | £758.35 | € 1,023.78 |
| SD25/2/STD | 2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 240 | 315 | £1,074.10 | € 1,450.04 |
| SD25/3/STD | 3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 240 | 315 | £1,648.45 | € 2,225.41 |
| SD25/4/STD | 4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 240 | 315 | £1,706.28 | € 2,303.49 |
| SD25/5/STD | 5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 240 | 315 | £2,022.54 | € 2,730.42 |
| SD25/6/STD | 6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 240 | 315 | £2,340.41 | € 3,159.56 |
| SD25/7/STD | 7 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 240 | 315 | £2,658.30 | € 3,588.71 |
| SD25/8/STD | 8 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 240 | 315 | £2,976.20 | € 4,017.86 |
| SD25/9/STD | 9 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 240 | 315 | £3,293.27 | € 4,445.91 |
| SD25/10/STD | 10 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 240 | 315 | £3,610.33 | € 4,873.94 |

# FLOW 250 SLICE VALVE 1" SERVICE PORTS MAX FLOW 250L/MIN C/W MAIN RELIEF AND MOUNTING FEET. INLET 1 1/4" AND OUTLET 1 1/2"

www.flowfitonline.com
TECH. DATA SHEET
DCV12

FLOWFIT®






| PART NO | DESCRIPTION | MAX FLOW L/MIN | OPERATING PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| FLOW250/1/STD | 1 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | 350 | £446.58 | € 602.89 |
| FLOW250/2/STD | 2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | 350 | £629.63 | € 850.00 |
| FLOW250/3/STD | 3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | 350 | £820.48 | € 1,107.64 |
| FLOW250/4/STD | 4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | 350 | £1,010.01 | € 1,363.51 |
| FLOW250/5/STD | 5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | 350 | £1,200.84 | € 1,621.13 |
| FLOW250/6/STD | 6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | 350 | £1,391.68 | € 1,878.77 |
| FLOW250/7/STD | 7 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | 350 | £1,583.81 | € 2,138.15 |
| FLOW250/8/STD | 8 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | 350 | £1,774.65 | € 2,395.76 |
| FLOW250/9/STD | 9 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | 350 | £1,966.78 | € 2,655.15 |
| FLOW250/10/STD | 10 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED | 250 | 350 | £2,157.61 | € 2,912.78 |

# ROTARY HYDRAULIC OPERATED LEVER VALVES

All valves are double acting three position rotary control detent notched in the neutral position.

All valves have an integral main relief 30-280BAR/435PSI - 4060PSI.

Max operating pressure - see below.

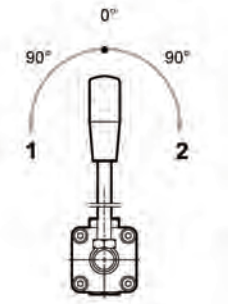
Ports 3/8" - 1/2" and 3/4" BSP available.

Painted - Primer Expo Inver No1 and finished with black paint castalux CAS - RAL 9005.

These valves are fully marinised and will outlive an agricultural market valve by many years when used in a sea water environment.

The rotary versions give good speed control in conjunction with excellent spool metering.

Ideal for winch applications and built to withstand harsh on-deck conditions.



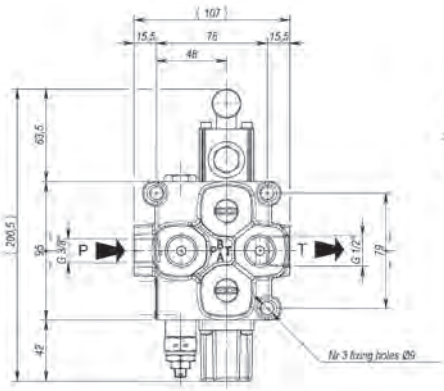

Galtech S.p.A. OLEODINAMICA

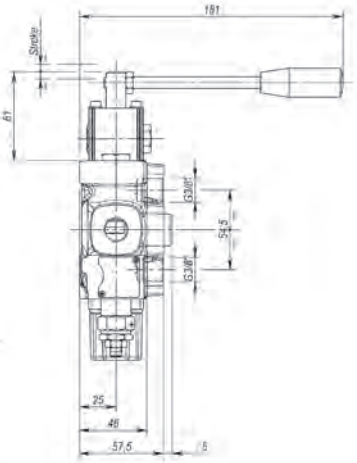
www.flowfitonline.com
TECH. DATA SHEET
DCV13

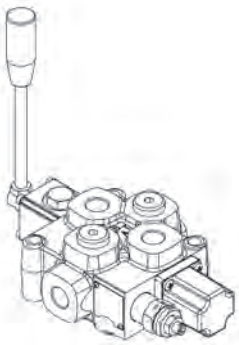











| PART NO | DESCRIPTION | FLOW L/MIN | OPERATION PRESSURE BAR | PORT SIZE BSP | | NETT PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | P, A + B | T | £ STERLING | € EUROS |
| ZZ002054 | Q25 F1S(N) - 103/RTLS - F3D | 40 | 350 | 3/8" | 3/8" | £128.00 | € 172.80 |

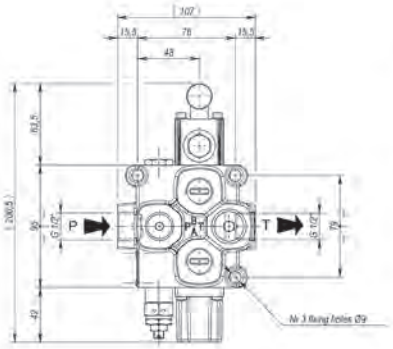


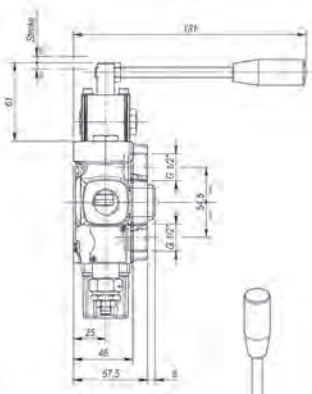




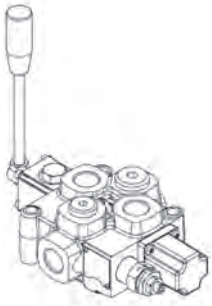
Galtech s.p.a. OLEODINAMICA Gruppo Galtech

www.flowfitonline.com
TECH. DATA SHEET
DCV14





| PART NO | DESCRIPTION | FLOW L/MIN | OPERATION PRESSURE BAR | PORT SIZE BSP | | NETT PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | P, A + B | T | £ STERLING | € EUROS |
| ZZ001867 | Q45 F1S(N) - 103/RTLS - F3D | 60 | 350 | 1/2" | 1/2" | £118.14 | € 159.49 |

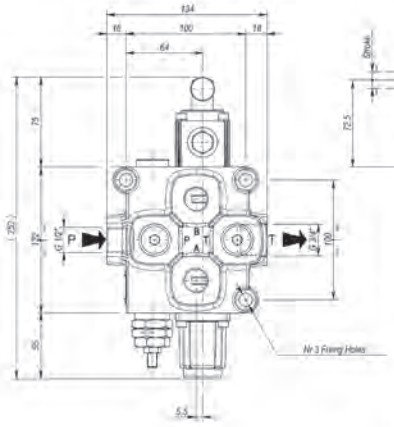


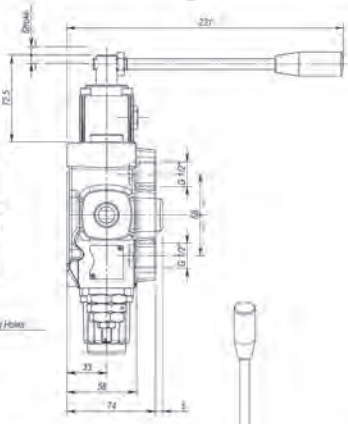




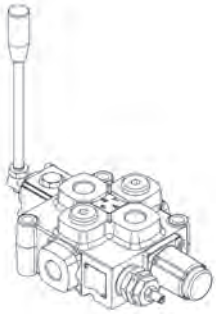
Galtech s.p.a. OLEODINAMICA Gruppo Galtech

www.flowfitonline.com
TECH. DATA SHEET
DCV15



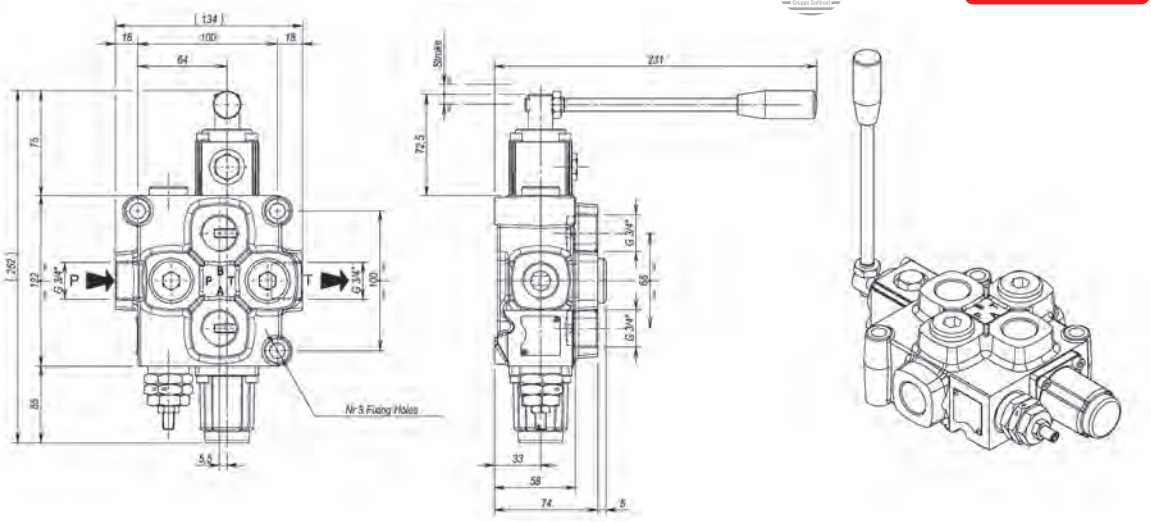


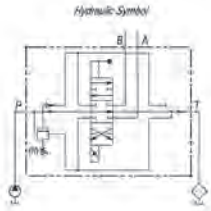



| PART NO | DESCRIPTION | FLOW L/MIN | OPERATION PRESSURE BAR | PORT SIZE BSP | | NETT PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | P, A + B | T | £ STERLING | € EUROS |
| ZZ002055 | Q75 F1S(N) - 103/RTLS - F3D | 90 | 350 | 1/2" | 3/4" | £188.24 | € 254.13 |

Galtech S.p.A. OLEODINAMICA

www.flowfitonline.com
TECH. DATA SHEET
DCV16




| PART NO | DESCRIPTION | FLOW L/MIN | OPERATION PRESSURE BAR | PORT SIZE BSP | | NETT PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | P, A + B | T | | |
| | | | | | | £ STERLING | € EUROS |
| ZZ002056 | Q95 F1S(N) - 103/RTLS - F3D | 120 | 350 | 3/4" | 3/4" | £192.79 | € 260.27 |

# MONOBLOCK CONTROL VALVE C/W FLOW CONTROL



Ideal for control of hydraulic motors and hydraulic cylinders.

The valve is double acting c/w 3 position detent kit.
Valves have an integral main relief 30-280BAR/435PSI - 4060PSI.

Max operating pressure 300 BAR

Ports P, A, B and T 1/2" BSP

Max input flow 50L/Min

The pressure compensated flow control will control the speed of a hydraulic motor or hydraulic cylinder.
All residual flow will return down the tank line.

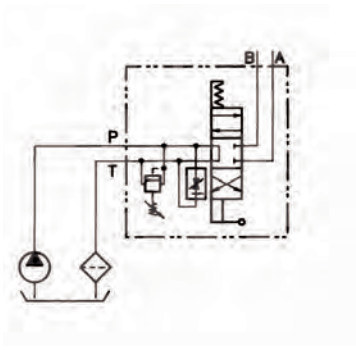
Galtech s.p.a. OLEODINAMICA

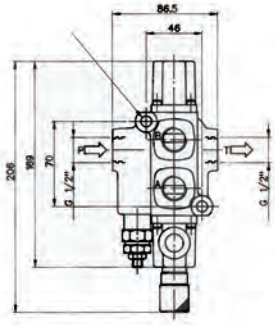
www.flowfitonline.com
TECH. DATA SHEET
DCV17

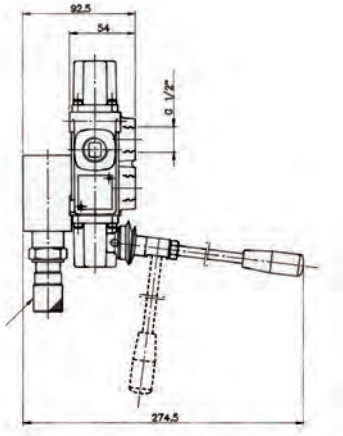









| PART NO | DESCRIPTION | FLOW L/MIN | OPERATION PRESSURE BAR | PORT SIZE BSP | | NETT PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | P, A + B | T | £ STERLING | € EUROS |
| ZZ002059 | Q35 F7S(N) - 103/A1/R3/RPA<br>Double acting spool valves<br>C/W 3 position detent lever control<br>C/W pressure compensated flow control | 50 | 300 | 1/2" | 1/2" | £149.30 | € 201.55 |

# HYDRAULIC HOSE-REEL VALVE LEVER OPERATED C/W FLOW CONTROL

GENERAL

This compact valve has been specifically designed to operate hose and cable reels.

The valve is fitted with an adjustable priority flow control on the inlet section, this is pressure compensated, the excess flow returns to tank.

The main relief is adjustable from 96 - 210 bar, other spring settings available upon request.

The lever operating spool slice has 4 positions.

The desired speed is selected using the speed control knob then the direction of the flow is selected using the spring centre lever, you can select forward, neutral or reverse. The lever can also be detented into a fourth position - commonly known as 'floating fourth', the fourth position allows the reel to 'free wheel' enabling the hose to be pulled off by hand. In the neutral position the reel is locked hydraulically.

**Features**

- Very compact
- Light weight
- Variable speed
- Pressure compensated maintaining constant speed irrespective of load or flow
- Adjustable relief valve
- Quality floating fourth kit.

ZZ001864



ZZ001865



www.flowfitonline.com
TECH. DATA SHEET
DCV18

BUCHER hydraulics

| PART NO | DESCRIPTION | FLOW L/MIN | MAX INTERMITTENT PEAK PRESSURE BAR | PORT SIZE BSP | | NETT PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | P, A + B | T | £ STERLING | € EUROS |
| ZZ001864 | HDS11/2(15)T09/P04/K90 - 2 /K09Z04L100 | 45 | 320 | 3/8" | 3/8" | £254.45 | € 343.50 |
| ZZ001865 | HDS15/2(15)T03/P31/K90 - 3 /K03Z136L100 | 60 | 320 | 1/2" | 1/2" | £316.76 | € 427.64 |

# HYDRAULIC HOSE-REEL VALVE WITHOUT FLOW CONTROL

These compact valves have been specifically designed to operate hose and cable reels. Each valve comes complete with a main relief valve fully adjustable from 96 - 210 bar, other spring settings available upon request.

The lever operating spool slice has 4 positions.

The direction of flow is selected using the spring centred lever valve, select forward, neutral or reverse. The lever can also be detented into a fourth position - commonly known as a “floating fourth”, the fourth position allows the reel to “free wheel” enabling the hose to be pulled off by hand. In the neutral position the reel is locked hydraulically and the pump will unload the flow to tank.










www.flowfitonline.com
TECH. DATA SHEET
DCV19

BUCHER hydraulics

## MONOBLOCK VALVE

| PART NO | DESCRIPTION | FLOW L/MIN | MAX INTERMITTENT PEAK PRESSURE BAR | PORT SIZE BSP | | NETT PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | P, A + B | T | £ STERLING | € EUROS |
| ZZ001868 | HDM140/1(15)K02/Z04L100 C/W HANDLEVER | 40 | 320 | 3/8” | 3/8” | £77.90 | € 105.17 |
| ZZ001869 | HDM115/1(15)KC3/Z04L100 C/W HANDLEVER | 45 | 400 | 1/2” | 1/2” | £130.47 | € 176.14 |
| ZZ000208 | HDM18/1(15)K02/Z136L100 C/W HANDLEVER | 70 | 400 | 1/2” | 1/2” | £151.24 | € 204.17 |
| ZZ001881 | HDM25/1(15)K03/Z128L100 C/W HANDLEVER | 100 | 320 | 3/4” | 3/4” | £184.35 | € 248.86 |







www.flowfitonline.com
TECH. DATA SHEET
DCV20

BUCHER hydraulics

## SLICE VALVE

| PART NO | DESCRIPTION | FLOW L/MIN | MAX INTERMITTENT PEAK PRESSURE BAR | PORT SIZE BSP | | NETT PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | P, A + B | T | £ STERLING | € EUROS |
| ZZ001870 | HDS11/1(15)T09P04K04204 L100 C/W HAND LEVER | 45 | 320 | 3/8” | 3/8” | £143.45 | € 193.65 |
| ZZ001871 | HDS15/1(15)T03P31K03Z136 L100 C/W HANDLEVER | 60 | 320 | 1/2” | 1/2” | £177.21 | € 239.23 |
| ZZ001882 | HDS20/1(15)T02P021K02/Z128 L100 C/W HANDLEVER | 80 | 320 | 3/4”,1/2”+1/2” | 3/4” | £216.80 | € 292.68 |
| ZZ001883 | HDS30/1(15)T02P021K02Z125 L100 C/W HANDLEVER | 100 | 320 | 3/4” | 3/4” | £294.96 | € 398.20 |

# SOLENOID DIVERTER VALVES

www.flowfitonline.com
TECH. DATA SHEET
DCV21

walvoil
HYDRAULIC CONTROL SYSTEMS



DFE052
3 WAY
3/8" BSP

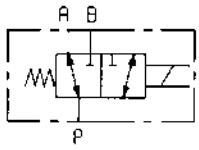


DFE20
3 WAY
3/4" BSP

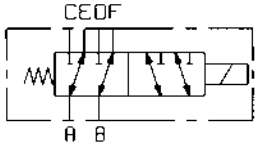


DFE10
6 WAY • 1/2" BSP

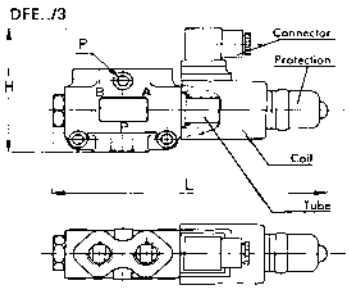
Diverters are an added extra facility to the directional control valve when it is needed for a sequence of operations, such as a safety operation or to control a selected actuator.

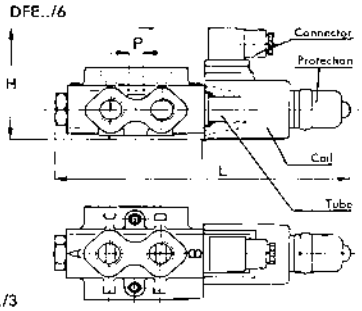



3 WAY




6 WAY




Note: for DFE 10-DFE 20 units the 2 way version is obtained by plugging A or B port of a DFE../3

| Type | H | | L | | O | | P | | Weight | | Details for Y drain connection |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | in | mm | in | mm | in | mm | in | Kg | lb | |
| DFE 052/3 | 84 | 3.30 | 182 | 7.16 | 23 | 0.90 | 6,5 | 0.25 | 1,7 | 3.7 | |
| DFE 052/6 | 84 | 3.30 | 197 | 7.75 | 23 | 0.90 | - | - | 1,9 | 4.2 | |
| DFE 10/3 | 105 | 4.13 | 215 | 8.46 | 24 | 0.94 | 8,5 | 0.33 | 2,9 | 6.4 | |
| DFE 10/6 | 103 | 4.05 | 242 | 9.52 | 24 | 0.94 | | | 3,7 | 8.1 | |
| DFE 20/3 | 114 | 4.48 | 241 | 9.48 | 17 | 0.67 | 10,5 | 0.41 | 5,2 | 11.5 | |
| DFE 20/6 | 103 | 4.05 | 276 | 10.86 | 17 | 0.67 | | | 5,3 | 11.7 | |




## 3 WAY SOLENOID DIVERTER VALVES

| PART NUMBER | PORT SIZE BSP | TYPE | VOLTAGE | NOMINAL FLOW L/MIN | MAX PRESSURE STANDARD (BAR) | MAX PRESSURE WITH DRAIN (BAR) | WEIGHT (KG) | NETT PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| 12A240020 | 3/8" | DFE052 | 12V DC | 30 | 160 | 250 | 1.6 | £167.30 | € 225.85 |
| 12A240040 | 3/8" | DFE052 | 24V DC | 30 | 160 | 250 | 1.6 | £167.30 | € 225.85 |
| 12A440013 | 1/2" | DFE10 | 12V DC | 60 | 160 | 250 | 2.9 | £220.38 | € 297.52 |
| 12A440025 | 1/2" | DFE10 | 24V DC | 60 | 160 | 250 | 2.9 | £220.51 | € 297.70 |
| 12A640014 | 3/4" | DFE20 | 12V DC | 110 | 160 | 250 | 4.2 | £298.70 | € 403.24 |
| 12A640026 | 3/4" | DFE20 | 24V DC | 110 | 160 | 250 | 4.2 | £298.70 | € 403.24 |

## 6 WAY SOLENOID DIVERTER VALVES

| PART NUMBER | PORT SIZE BSP | TYPE | VOLTAGE | NOMINAL FLOW L/MIN | MAX PRESSURE STANDARD (BAR) | MAX PRESSURE WITH DRAIN (BAR) | WEIGHT (KG) | NETT PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| 12A270033 | 3/8" | DFE052 | 12V DC | 30 | 160 | 250 | 2 | £189.77 | € 256.18 |
| 12A270023 | 3/8" | DFE052 | 24V DC | 30 | 160 | 250 | 2 | £189.77 | € 256.18 |
| 12A470013 | 1/2" | DFE10 | 12V DC | 60 | 160 | 250 | 3.7 | £232.62 | € 314.03 |
| 12A470025 | 1/2" | DFE10 | 24V DC | 60 | 160 | 250 | 3.7 | £232.62 | € 314.03 |
| 12A670014 | 3/4" | DFE20 | 12V DC | 110 | 160 | 250 | 6.3 | £327.48 | € 442.10 |
| 12A670026 | 3/4" | DFE20 | 24V DC | 110 | 160 | 250 | 6.3 | £327.48 | € 442.10 |

**OPTIONAL EXTRAS** * Connect to tank to give max. pressure of 250 bar.

| PART NUMBER | DESCRIPTION | NETT PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 2X1001010 | TYPE CO2 (ISO4400) 12/24V DC HERSCHMANN CONNECTOR | £3.16 | € 4.28 |
| 5GIU001 | DRAIN CONNECTOR TO SUIT DFE052 | £9.57 | € 12.92 |
| 5GIU004 | DRAIN CONNECTOR TO SUIT DFE10 | £11.15 | € 15.04 |
| 5GIU007 | DRAIN CONNECTOR TO SUIT DFE20 | £13.54 | € 18.28 |

# LEVER OPERATED DIVERTER VALVES 'DF' SERIES

walvoil HYDRAULIC CONTROL SYSTEMS

www.flowfitonline.com
TECH. DATA SHEET
DCV21

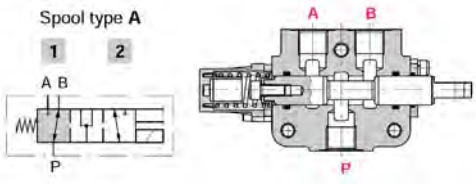
**DF5/3A/17L**



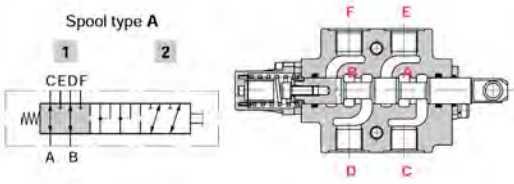
| | | DF5 | DF10 | DF20 | DF25 |
|---|---|---|---|---|---|
| N. of available ways | | 2-3-6 | 2-3-6 | 2-3-6 | 3 |
| Nominal flow rating | | 60 l/min | 90 l/min | 140 l/min | 280 l/min |
| Operating pressure (maximum) | | 315 bar *4600 psi* | 315 bar *4600 psi* | 315 bar *4600 psi* | 315 bar *4600 psi* |
| Internal leakage A(B)→T | *Δp=100 bar 1450 psi with fluid and valve at 40°C* | 5 $cm^3$/min *0.31 $in^3$/min* | 5 $cm^3$/min *0.31 $in^3$/min* | 8 $cm^3$/min *0.49 $in^3$/min* | 8 $cm^3$/min *0.49 $in^3$/min* |
| Hydraulic fluid | | Mineral base oil | | | |
| Fluid temperature | *with NBR seals* | from -20°C to 80°C | | | |
| | *with FPM seals* | from -20°C to 100°C | | | |
| Viscosity | *operating range* | from 15 to 75 $mm^2$/s - *from 15 to 75 cSt* | | | |
| | *minimum* | 12 $mm^2$/s - *12 cSt* | | | |
| | *maximum* | 400 $mm^2$/s - *400 cSt* | | | |
| Max. level of contamination | | -/19/16 - ISO 4406 | | | |
| Ambient temperature for working conditions | *with mechanical control* | from -40°C to 60°C | | | |
| | *with hydraulic and pneumatic controls* | from -30°C to 60°C | | | |
| | *with electric controls* | from -20°C to 50°C | | | |

**3 WAY**

It's possible to obtain 2 Way diverter valve plugging port A or B




**6 WAY**



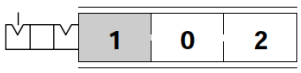

## WITH SPRING RETURN

**17 KIT**




## WITH DETENT

**12 KIT** Detent in positions 1 and 2.




| PART NUMBER | DESCRIPTION – LEVER OPERATED | PORT SIZE BSP | FLOW RATE L/ MIN | MAX. PRESS. BAR | NETT PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| 122052040 | DF5/3A/12/L 3 PORT 2 POSITION DETENT | 3/8" | 60 | 315 | £128.63 | € 173.65 |
| 122054040 | DF5/3A/17/L 3 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT | 3/8" | 60 | 315 | £99.04 | € 133.70 |
| 124052040 | DF10/3A/12/L 3 PORT 2 POSITION DETENT | 1/2" | 90 | 315 | £146.25 | € 197.45 |
| 124054040 | DF10/3A/17/L 3 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT | 1/2" | 90 | 315 | £107.81 | € 145.54 |
| 126052040 | DF20/3A/12/L 3 PORT 2 POSITION DETENT | 3/4" | 140 | 315 | £206.00 | € 278.10 |
| 126054040 | DF20/3A/17/L 3 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT | 3/4" | 140 | 315 | £189.92 | € 256.39 |
| 127052040 | DF25/3A/12/L 3 PORT 2 POSITION DETENT | 1" | 280 | 315 | £321.62 | € 434.19 |
| 127054040 | DF25/3A/17/L 3 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT | 1" | 280 | 315 | £301.72 | € 407.32 |
| 122082040 | DF5/6A/12/L 6 PORT 2 POSITION DETENT | 3/8" | 60 | 315 | £153.11 | € 206.70 |
| 122084040 | DF5/6A/17/L 6 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT | 3/8" | 60 | 315 | £120.98 | € 163.33 |
| 124082040 | DF10/6A/12/L 6 PORT 2 POSITION DETENT | 1/2" | 90 | 315 | £167.70 | € 226.40 |
| 124084040 | DF10/6A/17/L 6 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT | 1/2" | 90 | 315 | £154.68 | € 208.82 |
| 126082040 | DF20/6A/12/L 6 PORT 2 POSITION DETENT | 3/4" | 140 | 315 | £228.97 | € 309.11 |
| 126084040 | DF20/6A/17/L 6 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT | 3/4" | 140 | 315 | £212.88 | € 287.39 |

# MONOBLOCK DIRECTIONAL CONTROL VALVES

Galtech s.p.a
OLEODINAMICA
Gruppo Gallinari



- High technical performances granting larger application range.
- Special high resistance cast-iron body, suitable for high work- ing pressures.
- Nickel-plated offering granting long working life under high pressure conditions (see attached scheme).
- Standard circuit in parallel grants simultaneous operations, and due to negative overlaps and dedicate metering, there is proportional movement at the working ports.
- Minimal internal leackages.
- Interchangebility of the spools also with the ones of the sectional valves with “parallel” or “single” scheme
- Possibility to reverse the control side, turning the spool of 180° permits uni cation, versatility and low value of some parts in stock.
- Free movement version “Y shape” allows high oil ow with low pressure drops, in relation with the small dimensions of the control valves.
- Above features not valid for Q35 having positive overlap. The Q35 spools are interchangeable.

**NOTES FOR DIRECTIONAL CONTROL VALVES ASSEMBLY**

- The three feet of the valve must always and perfectly rest on a 180° degree at surface.
- No conical nipples with ⅈ C thread must be used.
- Before painting the control valve, do not use diluents or any products that cauld damage rubber parts.

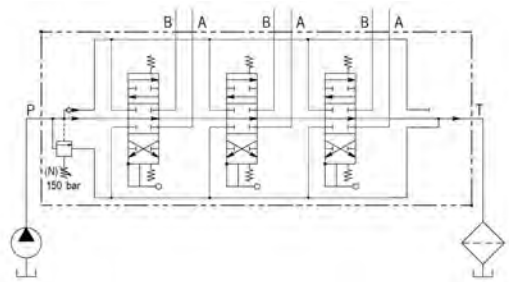
| | | Q35 | Q15 | GMV15 | Q25 | Q45 | Q65 | Q75 | Q95 |
|---|---|---|---|---|---|---|---|---|---|
| ***Working sections maximum*** | | 1 | 1 | 4 | 8 | | 1 | 6 | 6 |
| ***Oil temperature range*** | | -30 ÷ 80 °C | | | | | | | |
| ***Recommended oil temperature*** | | 30° ÷ 60 °C | | | | | | | |
| ***Recommended filtration*** | | 26/23µm ISO DIS 4406 | | | | | | | |
| ***Hidraulic fluid*** | | *Mineral oil* | | | | | | | |
| ***Viscosity*** | | 10 ÷ 400 mm²/s | | | | | | | |
| ***Weight*** *(lbs)* | **1** *Working section* | 1.85 *(4.1)* | 1.20 *(2.6)* | — | 3.00 *(6.6)* | | 3.40 *(7.5)* | 5.70 *(12.6)* | 5.70 *(12.6)* |
| | **2** *Working sections* | — | — | 2.50 *(5.5)* | 4.50 *(9.9)* | | — | 7.60 *(16.8)* | 7.60 *(16.8)* |
| | **3** *Working sections* | — | — | 3.15 *(6.9)* | 5.60 *(12.3)* | | — | 10.40 *(22.9)* | 10.40 *(22.9)* |
| | **4** *Working sections* | — | — | 3.80 *(8.4)* | 7.30 *(16.1)* | | — | 12.40 *(27.3)* | 12.40 *(27.3)* |
| | **5** *Working sections* | — | — | — | 8.90 *(19.6)* | | — | 14.50 *(32.0)* | 14.8 *(32.6)* |
| | **6** *Working sections* | — | — | — | *10.1 (22.3)* | | — | *16.60 (36.6)* | *18.3 (40.4)* |
| | **7** *Working sections* | — | — | — | *11.0 (24.3)* | | — | — | — |
| | **8** *Working sections* | — | — | — | 13.6 *(30.0)* | | — | — | — |
| ***Max working pressure*** *(PSI)* | *from **1** up to **2** sections* | 300 *(4350)* | 250 *(3625)* | 280 *(4060)* | 350 *(5075)* | | 350 *(5075)* | 350 *(5075)* | 350 *(5075)* |
| | ***3*** sections | — | — | 280 *(4060)* | 320 *(4640)* | | — | 300 *(4350)* | 300 *(4350)* |
| | from ***4*** up to ***8*** sections | — | — | 280 *(4060)* | 300 *(4350)* | | — | 270 *(3915)* | 270 *(3915)* |
| ***Max back pressure*** *(PSI)* | | 25 *(363)* | | | | | | | |
| On request, 1 or 2 section monoblock valve only, max back pressure allowable is 2610 PSI (indicate the letter "S" at the end of code) | | • | — | — | • | • | — | — | — |

# 1/4” MONOBLOCK CONTROL VALVES GALTECH UP TO 20 L/MIN

Galtech s.p.a. OLEODINAMICA Gruppo Galtech

www.flowfitonline.com
TECH. DATA SHEET
DCV22

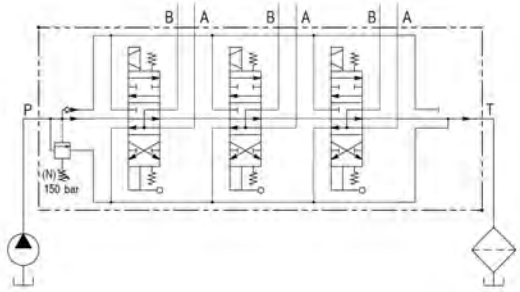





## Q15/GMV15 SERIES

| PART NO | DESCRIPTION | MAX PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 015010103001000 | Galtech Q15 hydraulic 1 bank, 1/4”BSP 20 l/min double acting cylinder spool 3 positions, spring return | 250 | £53.46 | € 72.18 |
| ZZ006199 | Galtech Q15 hydraulic 1 bank, 1/4”BSP 20 l/min single acting cylinder spool 3 position spring return | 250 | £53.46 | € 72.18 |
| ZZ006197 | Galtech Q15 hydraulic 1 bank 1/4” BSP 20 l/min double acting motor spool, 3 position detent spring return | 250 | £53.46 | € 72.18 |
| ZZ006110 | Galtech GMV15 hydraulic 2 bank, 1/4” BSP 20 l/min double acting cylinder spool 3 positions, spring return | 280 | £81.43 | € 109.93 |
| ZZ006111 | Galtech GMV15 hydraulic 3 bank, 1/4” BSP 20 l/min double acting cylinder spool 3 positions, spring return | 280 | £107.21 | € 144.73 |
| 015040103001000 | Galtech GMV15hydraulic 4 bank, 1/4” BSP 20 l/min double acting cylinder spool 3 positions, spring return | 280 | £134.68 | € 181.82 |






## Q15/GMV15 SERIES

| PART NO | DESCRIPTION | MAX PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| ZZ006112 | Galtech Q15 hydraulic 1 bank 1/4” BSP 20 l/min double acting cylinder spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 250 | £176.84 | € 238.73 |
| ZZ006207 | Galtech Q15 hydraulic 1 bank 1/4” BSP 20 l/min double acting motor spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 250 | £176.84 | € 238.73 |
| ZZ006200 | Galtech Q15 hydraulic 1 bank 1/4” BSP 20 l/min double acting cylinder spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 250 | £176.84 | € 238.73 |
| ZZ006208 | Galtech Q15 hydraulic 1 bank 1/4” BSP 20 l/min double acting motor spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 250 | £176.84 | € 238.73 |
| ZZ006113 | Galtech GMV15 hydraulic 2 bank 1/4” BSP 20 l/min double acting cylinder spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 280 | £328.19 | € 443.06 |
| ZZ006203 | Galtech GMV15 hydraulic 2 bank 1/4” BSP 20 l/min double acting motor spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 280 | £328.19 | € 443.06 |
| ZZ006201 | Galtech GMV15 hydraulic 2 bank 1/4” BSP 20 l/min double acting cylinder spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 280 | £328.19 | € 443.06 |
| ZZ006204 | Galtech GMV15 hydraulic 2 bank 1/4” BSP 20 l/min double acting motor spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 280 | £328.19 | € 443.06 |
| ZZ006114 | Galtech GMV15 hydraulic 3 bank 1/4” BSP 20 l/min double acting cylinder spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 280 | £477.35 | € 644.43 |
| ZZ006205 | Galtech GMV15 hydraulic 3 bank 1/4” BSP 20 l/min double acting motor spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 280 | £477.35 | € 644.43 |
| ZZ006202 | Galtech GMV15 hydraulic 3 bank 1/4” BSP 20 l/min double acting cylinder spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 280 | £477.35 | € 644.43 |
| ZZ006206 | Galtech GMV15 hydraulic 3 bank 1/4” BSP 20 l/min double acting motor spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 280 | £477.35 | € 644.43 |

# 3/8” MONOBLOCK CONTROL VALVES GALTECH UP TO 40 L/MIN

Galtech s.p.a OLEODINAMICA Gruppo Galtech

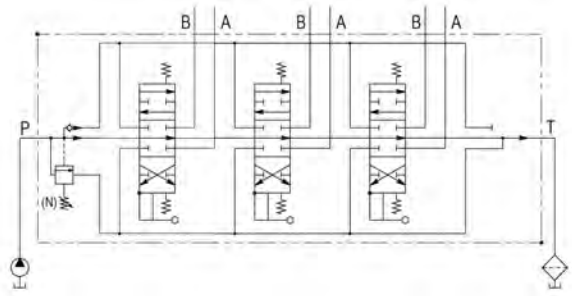
www.flowfitonline.com
TECH. DATA SHEET
DCV22







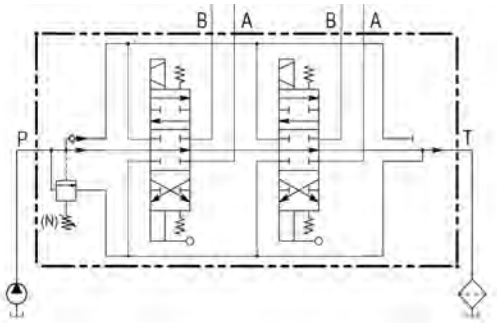



## Q25 SERIES

| PART NO | DESCRIPTION | MAX PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| ZZ006115 | Galtech Q25 hydraulic 1 bank, 3/8”BSP 40 l/min double acting cylinder spool 3 postions, spring return | 350 | £53.68 | € 72.47 |
| ZZ006116 | Galtech Q25 hydraulic 2 bank, 3/8”BSP 40 l/min double acting cylinder spool 3 positions, spring return | 350 | £81.43 | € 109.93 |
| ZZ006117 | Galtech Q25 hydraulic 3 bank, 3/8”BSP 40 l/min double acting cylinder spool 3 positions, spring return | 320 | £107.21 | € 144.73 |
| 025040103001000 | Galtech Q25 hydraulic 4 bank, 3/8”BSP 40 l/min double acting cylinder spool 3 positions, spring return | 300 | £134.68 | € 181.82 |
| 025050103001000 | Galtech Q25 hydraulic 5 bank, 3/8” BSP 40 l/min double acting cylinder spool 3 positions, spring return | 300 | £165.96 | € 224.05 |
| 025060103001000 | Galtech Q25 hydraulic 6 bank, 3/8”BSP 40 l/min double acting cylinder spool 3 positions, spring return | 300 | £197.25 | € 266.28 |
| 025070103001000 | Galtech Q25 hydraulic 7 bank, 3/8”BSP 40 l/min double acting cylinder spool 3 positions, spring return | 300 | £228.07 | € 307.90 |
| 025080103001000 | Galtech Q25 hydraulic 8 bank, 3/8” BSP 40 l/min double acting cylinder spool 3 positions, spring return | 300 | £258.92 | € 349.54 |




## Q25 SERIES

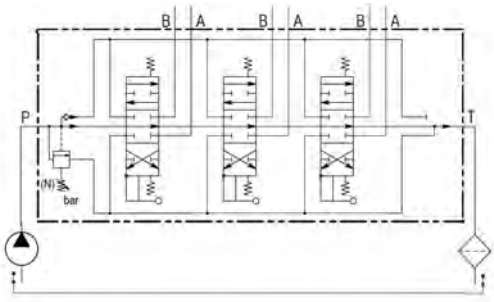
| PART NO | DESCRIPTION | MAX PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| ZZ006118 | Galtech Q25 hydraulic 1 bank 3/8” BSP 40 l/min double acting cylinder spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 350 | £177.23 | € 239.26 |
| ZZ006231 | Galtech Q25 hydraulic 1 bank 3/8” BSP 40 l/min double acting cylinder spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 350 | £177.23 | € 239.26 |
| ZZ006119 | Galtech Q25 hydraulic 2 bank 3/8” BSP 40 l/min double acting cylinder spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 350 | £328.19 | € 443.06 |
| ZZ006232 | Galtech Q25 hydraulic 2 bank 3/8” BSP 40 l/min double acting cylinder spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 350 | £328.19 | € 443.06 |
| ZZ006120 | Galtech Q25hydraulic 3 bank 3/8” BSP 40 l/min double acting cylinder spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 320 | £477.35 | € 644.43 |
| ZZ006233 | Galtech Q25 hydraulic 3 bank 3/8” BSP 40 l/min double acting cylinder spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 320 | £477.35 | € 644.43 |

# 1/2" MONOBLOCK CONTROL VALVES GALTECH UP TO 90 L/MIN

Galtech s.p.a OLEODINAMICA Gruppo Galtinari

www.flowfitonline.com
TECH. DATA SHEET
DCV22

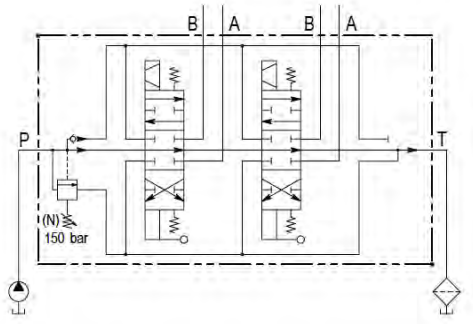





## Q75 SERIES

| PART NO | DESCRIPTION | MAX PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 055010103001000 | Galtech Q75 hydraulic 1 bank, 1/2"BSP 90 l/min double acting cylinder spool 3 position, spring return | 350 | £81.43 | € 109.93 |
| 055020103001000 | Galtech Q75 hydraulic 2 bank, 1/2"BSP 90 l/min double acting cylinder spool 3 position, spring return | 350 | £112.05 | € 151.26 |
| 055010303001000 | Galtech Q75 hydraulic 3 bank, 1/2"BSP 90 l/min double acting cylinder spool 3 position, spring return | 300 | £152.99 | € 206.54 |
| 055040103001000 | Galtech Q75 hydraulic 4 bank, 1/2"BSP 90 l/min double acting cylinder spool 3 position, spring return | 270 | £191.35 | € 258.33 |
| 055050103001000 | Galtech Q75 hydraulic 5 bank, 1/2"BSP 90 l/min double acting cylinder spool 3 position, spring return | 270 | £231.70 | € 312.80 |
| 055060103001000 | Galtech Q75 hydraulic 6 bank, 1/2"BSP 90 l/min double acting cylinder spool 3 position, spring return | 270 | £240.93 | € 325.25 |






## Q75 SERIES

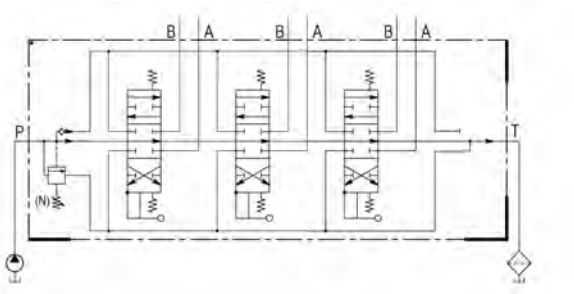
| PART NO | DESCRIPTION | MAX PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| ZZ006218 | Galtech Q75 hydraulic 1 bank 1/2" BSP 90 l/min double acting cylinder spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 350 | £227.72 | € 307.42 |
| ZZ006221 | Galtech Q75 hydraulic 1 bank 1/2" BSP 90 l/min double acting cylinder spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 350 | £227.72 | € 307.42 |
| ZZ006219 | Galtech Q75 hydraulic 2 bank 1/2" BSP 90 l/min double acting cylinder spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 350 | £420.70 | € 567.95 |
| ZZ006222 | Galtech Q75 hydraulic 2 bank 1/2" BSP 90 l/min double acting cylinder spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 350 | £420.74 | € 567.99 |
| ZZ006220 | Galtech Q75 hydraulic 3 bank 1/2" BSP 90 l/min double acting cylinder spool 3 positions, spring return with 12VDC, electro solenoid control c/w manual over-ride. | 300 | £610.61 | € 824.32 |
| ZZ006223 | Galtech Q75 hydraulic 3 bank 1/2" BSP 90 l/min double acting cylinder spool 3 positions, spring return with 24VDC, electro solenoid control c/w manual over-ride. | 300 | £610.61 | € 824.32 |

# 3/4” MONOBLOCK CONTROL VALVES GALTECH UP TO 120 L/MIN

Galtech s.p.a OLEODINAMICA Gruppo Gallinari

www.flowfitonline.com
TECH. DATA SHEET
DCV22






## Q95 SERIES

| PART NO | DESCRIPTION | MAX PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 095010103001000 | Galtech Q95 hydraulic 1 bank, 3/4” BSP 120 l/min double acting cylinder spool 3 position, spring return | 350 | £89.79 | € 121.22 |
| 095020103001000 | Galtech Q95 hydraulic 2 bank, 3/4” BSP 120 l/min double acting cylinder spool 3 position, spring return | 350 | £132.98 | € 179.53 |
| 095030103001000 | Galtech Q95 hydraulic 3 bank, 3/4” BSP 120 l/min double acting cylinder spool 3 position, spring return | 300 | £174.75 | € 235.92 |
| 095040103001000 | Galtech Q95 hydraulic 4 bank, 3/4” BSP 120 l/min double acting cylinder spool 3 position, spring return | 270 | £219.59 | € 296.44 |
| 095050103001000 | Galtech Q95 hydraulic 5 bank, 3/4” BSP 120 l/min double acting cylinder spool 3 position, spring return | 270 | £307.72 | € 415.43 |
| 095060103001000 | Galtech Q95 hydraulic 6 bank, 3/4” BSP 120 l/min double acting cylinder spool 3 position, spring return | 270 | £307.72 | € 415.43 |

## HYDRAULIC VALVES

# HYDRAULIC CARTRIDGE VALVES


| PRODUCT | PAGE |
|---|---|
| DOUBLE PILOT OPERATED CHECK VALVES | 36 |
| SINGLE PILOT OPERATED CHECK VALVES | 40 |
| OVERCENTRE VALVES | 43 |
| RELIEF VALVES | 48 |
| DUAL CROSS RELIEF VALVES | 53 |
| CHECK VALVES | 59 |
| HOSE BURST VALVES | 60 |
| FLOW REGULATOR VALVES | 63 |
| FLOW DIVIDERS | 68 |
| SEQUENCE VALVES | 69 |
| TWO PUMP “HI-LOW” UNLOADING VALVES | 71 |
| HIGH PRESSURE BALL VALVES | 72 |
| DIVERTER VALVES | 74 |
| END STROKE VALVES | 76 |
| ROTATING COUPLINGS | 78 |
| GAUGE ISOLATOR VALVES | 79 |
| PLOUGH OVERTURNING VALVES | 79 |











QUALITY PRODUCTS

FREE ADVICE



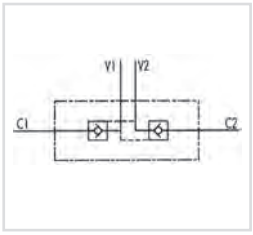
# DOUBLE PILOT OPERATED CHECK VALVES

OLEODINAMICA MARCHESINI

## DOUBLE PILOT OPERATED CHECK VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV01






**USE AND OPERATION**

Pilot check valves are used to block the cylinder in both directions.
Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied.

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals**: Buna N standard, **Poppet type:** No leakage

**Applications:** connect v1 and v2 to pressure flow and c1 and c2 to the actuator.

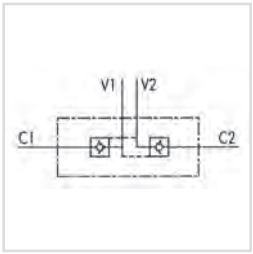
**ON REQUEST:**
WITHOUT SEAL ON PILOT PISTON, 1 BAR SPRING, 8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0010 | VBPDE 1/4 L | 1/4” | 1:5,5 | 20 | 350 | 4 | £18.44 | € 24.89 |
| V0020 | VBPDE 3/8” L | 3/8” | 1:5,5 | 35 | 350 | 3 | £22.13 | € 29.87 |
| V0030 | VBPDE 1/2” L | 1/2” | 1:5 | 50 | 350 | 3 | £26.48 | € 35.75 |
| V0050 | VBPDE 3/8” | 3/8” | 1:5 | 45 | 350 | 3.5 | £31.60 | € 42.67 |
| V0060 | VBPDE 18 | 1/8” | 1:5 | 45 | 350 | 3.5 | £34.78 | € 46.95 |
| V0070 | VBPDE 1/2” | 1/2” | 1:4 | 70 | 350 | 3.5 | £33.74 | € 45.54 |
| V0040 | VBPDE 3/4” | 3/4” | 1:4 | 100 | 300 | 2 | £45.32 | € 61.17 |

## DOUBLE PILOT OPERATED CHECK VALVES FOR 12MM PIPE MOUNTING (DIN 2353)

www.flowfitonline.com
TECH. DATA SHEET
CV02






**USE AND OPERATION**

Pilot check valves are used to block the actuator in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. They are easily assembled on a cylinder. We supply on request fittings kit for mounting on cylinder with a specific centre distance.

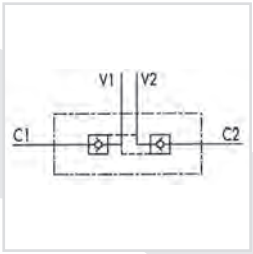
**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

Applications: connect v1 and v2 to pressure flow and c1 and c2 to the actuator with the pipe.

**ON REQUEST:**
WITH OUT SEAL ON PILOT PISTON, 1 BAR SPRING, 8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0090 | VBPDE 1/4” L 2 CEXC 12L | 1/4” | 1:5,5 | 20 | 350 | 4 | £25.81 | € 34.84 |
| V0110 | VBPDE 3/8” L 2 CEXC 12L | 3/8” | 1:5,5 | 30 | 350 | 4 | £25.81 | € 34.84 |
| V0091 | VBPDE 1/4” L 2 CEXC-10L | 1/4” | XZ1:5,5 | 20 | 350 | 5.5 | £27.94 | € 37.72 |







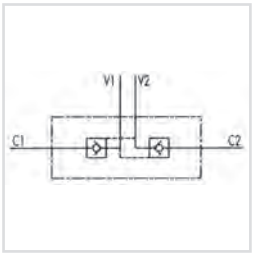


| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0130 | VBPDE 3/8” L 2 CC 12L | 3/8” | 1:5,5 | 35 | 350 | 3 | £27.93 | € 37.70 |
| V0135 | VBPDE 1/2” L 2 CC 15L | 1/2” | 1:5 | 50 | 350 | 3 | £34.78 | € 46.95 |

# DOUBLE PILOT OPERATED CHECK VALVE WITH ADJUSTABLE BANJO UNION

www.flowfitonline.com
TECH. DATA SHEET
CV03






**USE AND OPERATION**

Pilot check valves are used to block the cylinder in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. This valve is ideal for very short distance centre cylinders. The check cartridge serves also as fixing banjo, allowing after nut releasing a 90° regulation

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** connect v1 and v2 to pressure flow, connect c1 directly to the cylinder through the 3/8" screw and c2 to the cylinder through the banjo.

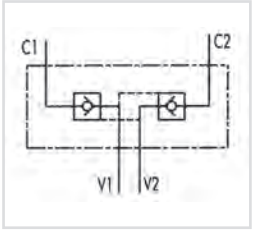
**ON REQUEST:**
WITH OUT SEAL ON PILOT PISTON, 1 BAR SPRING, 8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0112 | VBPDE 3/8" L SC 12L | 3/8" | 1:5,5 | 30 | 350 | 4 | £35.85 | € 48.39 |

# DOUBLE PILOT OPERATED CHECK VALVES - TYPE A

www.flowfitonline.com
TECH. DATA SHEET
CV04






**USE AND OPERATION**

Pilot check valves are used to block the cylinder in both directions.
Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied.

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** connect v1 and v2 to pressure flow and c1 and c2 to the actuator

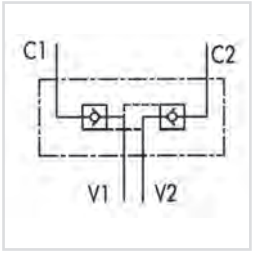
**ON REQUEST:**
WITH OUT SEAL ON PILOT PISTON, 1 BAR SPRING, 8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0178 | VBPDE 1/4" A | 1/4" | 1:5,5 | 20 | 350 | 4.5 | £28.44 | € 38.39 |
| V0180 | VBPDE 3/8" A | 3/8" | 1:5,5 | 30 | 350 | 4.5 | £34.78 | € 46.95 |
| V0190 | VBPDE 1/2 " A | 1/2 " | 1:4,5 | 55 | 350 | 3 | £48.49 | € 65.46 |

# DOUBLE PILOT OPERATED CHECK VALVES FLANGEABLE

www.flowfitonline.com
TECH. DATA SHEET
CV05






**USE AND OPERATION**

Pilot check valves are used to block the cylinder in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. The face mounting enables assembly directly on the cylinder

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** connect v1 and v2 to pressure flow and c1 and c2 to the actuator through the flanges

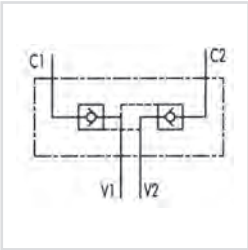
**ON REQUEST:**
WITH OUT SEAL ON PILOT PISTON, 1 BAR SPRING, 8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0185 | VBPDE 3/8" FL | 3/8" | 1:5,5 | 30 | 350 | 4.5 | £38.26 | € 51.66 |
| V0195 | VBPDE 1/2" FL | 1/2" | 1:4,5 | 55 | 350 | 3 | £48.49 | € 65.46 |
| B5000 | FLANGE FOR 3/8" | | | | | | £10.27 | € 13.87 |
| B5500 | FLANGE FOR 1/2" | | | | | | £11.96 | € 16.14 |

# DOUBLE PILOT OPERATED CHECK VALVES FLANGEABLE BY SCREW

www.flowfitonline.com
TECH. DATA SHEET
CV06






**USE AND OPERATION**

Pilot check valves are used to block the actuator in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. This valve can be fixed directly on cylinder through the drilled screw supplied with the valve

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

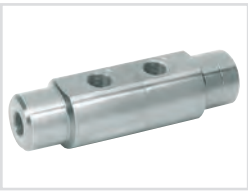
**Applications:** connect v1 and v2 to pressure flow and c1 and c2 to the actuator (c1 by the pipe and c2 by the screw)

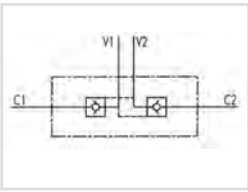
**ON REQUEST:**
WITH OUT SEAL ON PILOT PISTON, 1 BAR SPRING, 8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0178/FLV | VBPDE 1/4" A FLV | 1/4" | 1:5,5 | 20 | 350 | 4.5 | £38.47 | € 51.93 |
| V0180/FLV | VBPDE 3/4" A FLV | 3/4" | 1:5,5 | 30 | 350 | 4.5 | £48.49 | € 65.46 |

# CYLINDRICAL DOUBLE PILOT OPERATED CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV07






**USE AND OPERATION**

Pilot check valves are used to block the cylinder in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. Cylindrical type instead of standard one (parallelepiped)

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

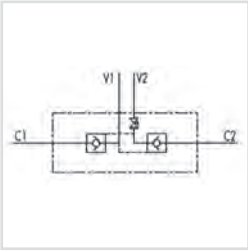
**Applications:** connect v1 and v2 to pressure flow and c1 and c2 to the actuator

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0055 | VBPDE 3/8" CYLINDRICAL | 3/8" | .1:5 | 45 | 350 | 3 | £34.78 | € 44.18 |

# DOUBLE PILOT OPERATED CHECK VALVES WITH MANUAL SHUT-OFF

www.flowfitonline.com
TECH. DATA SHEET
CV08






**USE AND OPERATION**

Pilot check valves are used to block the actuator in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. These valves are very safe, that's why they are ideal to be assembled on crane hydraulic cylinders.

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** connect v1 and v2 to pressure flow and c1 and c2 to the actuator

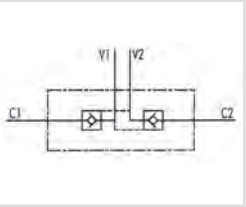
**ON REQUEST:**
WITH OUT SEAL ON PILOT PISTON, RIGHT OR LEFT SIDE LEVER
(TO SPECIFY IN THE ORDER)

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0072 | VBPDE 1/4" L C/RUBINETTO | 1/4" | 1:5,5 | 20 | 350 | 4 | £37.94 | € 51.22 |
| V0074 | VBPDE 3/8" L C/RUBINETTO | 3/8" | 1:5,5 | 30 | 350 | 3 | £38.47 | € 51.93 |
| V0076 | VBPDE 1/2" L C/RUBINETTO | 1/2" | 1:5 | 50 | 350 | 3 | £46.89 | € 63.30 |
| V0132* | VBPDE 1/4" L C/RUB. 2 CEXC 12L | 1/4" | 1:5,5 | 20 | 350 | 4 | £40.06 | € 54.08 |
| V0134* | VBPDE 3/8" L C/RUB. 2 CEXC 12L | 3/8" | 1:5,5 | 30 | 350 | 4 | £40.06 | € 54.08 |
| V0136* | VBPDE 1/2" L C/RUB.2 CC 15L | 1/2" | 1:5 | 50 | 350 | 3 | £49.53 | € 66.87 |
| * = Pipe DIN 2353 | | | | | | | | |

# DOUBLE PILOT OPERATED CHECK VALVES WITH LATERAL JOINS

www.flowfitonline.com
TECH. DATA SHEET
CV09






**USE AND OPERATION**

Pilot check valves are used to block the cylinder in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. The feature of this valve is the side position of the ports

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** connect v1 and v2 to pressure flow and c1 and c2 to the actuator

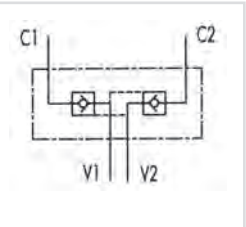
**ON REQUEST:**
WITH OUT SEAL ON PILOT PISTON

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0181 | VBPDE 1/4" AL | 1/4" | 1:5,5 | 20 | 350 | 4 | £28.44 | € 38.39 |
| V0182 | VBPDE 3/8" AL | 3/8" | 1:5,5 | 35 | 350 | 3 | £33.74 | € 45.54 |

# DOUBLE PILOT OPERATED CHECK VALVES TO WELD

www.flowfitonline.com
TECH. DATA SHEET
CV10






**USE AND OPERATION**

Having inside the check cartridge, the function of this valve is nearly the same of the pilot check valves, Directly weld on the cylinder. Q 70 available in the single operated type. The feature of this valve is the high pressure drop, so as to reduce speed and to limit vibrations.

**Body:** Steel, **Internal parts:** Hardened and ground steel,
**Seals**: Buna N standard, **Poppet type:** No leakage

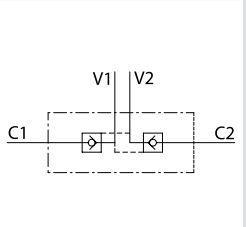
**Applications:** connect v1 and v2 to pressure flow and weld c1 and c2 to the actuator. The check cartridge and pilot piston have to be mounted after installation of the valve, so they are supplied separately

| CODE | TYPE | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V1011 | VBAS 70 | 1:5,5 | 25 | 350 | 3 | £43.26 | € 58.41 |
| V1010 | VBAS 80 | 1:5,5 | 25 | 350 | 2 | £47.10 | € 63.58 |
| V1012 | VBAS 90 | 1:5,5 | 25 | 350 | 2 | £52.01 | € 70.22 |

# COMPACT DOUBLE PILOT OPERATED CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV11






**USE AND OPERATION:**

Pilot check valves are used to block the actuator in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. This valve is ideal for very short distance centre cylinders and is fixed on them by a drilled screw supplied with the valve.

**Body:** zinc-plated steel **Internal parts:** hardened and ground steel
**Seals:** BUNA N standard Tightness: ball type; any leakage

**Applications:** Connect V1 and V2 to the pressure flow and C1 and C2 to the actuator by the screw.

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0114 | VBPDE 3/8" L CMP/FLV | 3/8" | 1 : 4,9 | 20 | 300 | 0,6 | £44.38 | € 59.91 |

FOR SALES & ADVICE CALL US 01584 876033

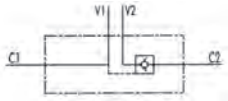
# SINGLE PILOT OPERATED CHECK VALVES

OLEODINAMICA MARCHESINI

## SINGLE PILOT OPERATED CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV12






**USE AND OPERATION**

These valves are used to block the cylinder in one direction. The flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. They are easily assembled on cylinders.
Specific distance-centre mounting fittings kit on request.

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** connect v1 and v2 to pressure flow, c1 to the free flow side of the actuator and c2 to the actuator's side you want the flow to be blocked

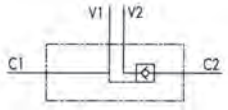
**ON REQUEST:**
WITH OUT SEAL ON PILOT PISTON, 1 BAR SPRING, 8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0220 | VBPSE 1/4" L 4 VIE | 1/4" | 15,5 | 20 | 350 | 4 | £17.49 | € 23.61 |
| V0230 | VBPSE 3/8" L 4 VIE | 3/8" | 1:5,5 | 35 | 350 | 3 | £20.42 | € 27.57 |
| V0240 | VBPSE 1/2" L 4 VIE | 1/2" | 1:5 | 50 | 350 | 6 | £24.80 | € 33.48 |
| V0250 | VBPSE 3/8" 4 VIE | 3/8" | 1:5 | 45 | 350 | 8 | £20.42 | € 27.57 |
| V0260 | VBPSE 1/2" 4 VIE | 1/2" | 1:4 | 70 | 350 | 3.5 | £30.08 | € 40.60 |
| V0245 | VBPSE 3/4" 4 VIE | 3/4" | 1:4 | 100 | 350 | 2 | £42.99 | € 58.04 |

## SINGLE PILOT OPERATED CHECK VALVES FOR 12MM PIPE MOUNTING (DIN 2353)

www.flowfitonline.com
TECH. DATA SHEET
CV13






**USE AND OPERATION**

These valves are used to block the cylinder in one direction. The flow is free in one direction and blocked in the reverse direction until pilot pressure is applied

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** connect v1 and v2 to the pressure flow, c1 to the free flow side of the actuator and c2 to the actuator's side you want the flow to be blocked

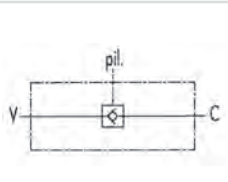
**ON REQUEST:**
WITH OUT SEAL ON PILOT PISTON, WITH OUT NUT AND OLIVE, 1 BAR SPRING, 8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0090/SE | VBPSE 1/4" L 2 CEXC | 1/4" | 1:5,5 | 20 | 350 | 4 | £23.63 | € 31.90 |
| V0110/SE | VBPSE 3/8" L 2 CEXC | 3/8" | 1:5,5 | 30 | 350 | 4 | £23.63 | € 31.90 |
| V0135/SE | VBPSE 1/2" L 2 CC | 1/2" | 1:5 | 50 | 350 | 3 | £31.16 | € 42.07 |

## 3 WAYS SINGLE PILOT OPERATED CHECK VALVES, IN LINE

www.flowfitonline.com
TECH. DATA SHEET
CV14






**USE AND OPERATION**

These valves are used to block the cylinder in one direction. The flow is free in one direction and blocked in the reverse direction until pilot pressure is applied

**Body:** Yellow-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** connect V to the pressure flow, c to the actuator's side you want the flow to be blocked and pil to the pilot line

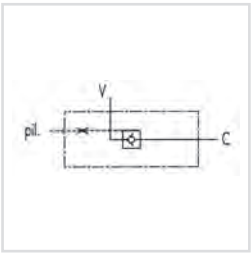
**ON REQUEST:**
8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0201 | VBPSL 1/4" | 1/4" | 1:9,8 | 15 | 350 | 2.5 | £22.57 | € 30.47 |
| V0202 | VBPSL 3/8" | 3/8" | 1:6,5 | 30 | 300 | 5 | £26.11 | € 35.26 |
| V0203 | VBPSL 1/2" | 1/2" | 1:4,6 | 45 | 300 | 3 | £29.22 | € 39.45 |
| V0204 | VBPSL 3/4" | 3/4" | 1:4,4 | 80 | 250 | 0.5 | £49.33 | € 66.59 |
| V0205 | VBPSL 1" | 1" | 1:3,5 | 120 | 220 | 1 | £107.41 | € 144.99 |

# SINGLE PILOT OPERATED CHECK VALVES, HIGH PILOT

www.flowfitonline.com
TECH. DATA SHEET
CV15






**USE AND OPERATION**

These valves are used to block the cylinder in one direction. The flow is free in one direction and blocked in the reverse direction until pilot pressure is applied, Thanks to its high pilot ratio and to a time-lag locking device, it's suitable for circuits with heavy loads to avoid vibrations.

**WARNING:** Please ask the producer for use with distributors or open centre solenoid valves

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** connect V to the pressure flow, c to the actuator's side you want the flow to be blocked and pil to the pilot line

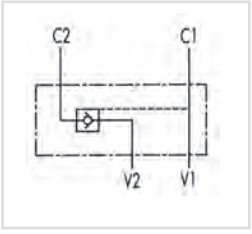
**ON REQUEST:**
1 BAR SPRING, 8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0273 | VBL/3 SE 1/4" | 1/4" | 1:8 | 20 | 350 | 4 | £24.39 | € 32.92 |
| V0275 | VBL/3 SE 3/8" | 3/8" | 1:8 | 40 | 350 | 3.5 | £27.93 | € 37.70 |
| V0277 | VBL/3 SE 1/2" | 1/2" | 1:7 | 70 | 350 | 3.5 | £31.37 | € 42.36 |

# SINGLE PILOT OPERATED CHECK VALVES TYPE A

www.flowfitonline.com
TECH. DATA SHEET
CV16






**USE AND OPERATION**

These valves are used to block the cylinder in one direction. flow is free in one direction and blocked in the reverse direction until pilot pressure is applied.

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** connect v1 to the pressure flow, c1 to the free flow side of the actuator and c2 to the actuator's side you want the flow to be blocked

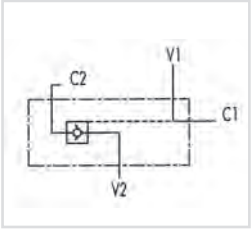
**ON REQUEST:**
WITHOUT SEAL ON PILOT PISTON 1 BAR SPRING, 8 BAR SPRING

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0272 | VBPSE 1/4" A | 1/4" | 1:5,5 | 20 | 350 | 4.5 | £28.67 | € 38.72 |
| V0274 | VBPSE 3/8" A | 3/8" | 1:5,5 | 30 | 350 | 4.5 | £29.55 | € 39.90 |
| V0276 | VBPSE 1/2" A | 1/2" | 1:4,5 | 55 | 350 | 3 | £35.46 | € 47.88 |

# SINGLE PILOT OPERATED CHECK VALVES FLANGEABLE

www.flowfitonline.com
TECH. DATA SHEET
CV17






**USE AND OPERATION**

These valves are used to block the cylinder in one direction. flow is free in one direction and blocked in the reverse direction until pilot pressure is applied, This valve can be fixed directly on cylinder

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** Connect v1 and v2 to the pressure flow, c1 to the free flow side of the actuator and c2 to the actuator's side you want the flow to be blocked

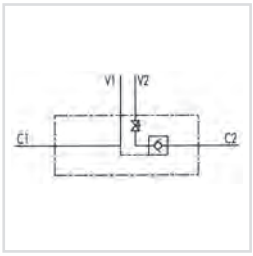
**ON REQUEST:**
WITHOUT SEAL ON PILOT PISTON

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0268 | VBPSE 1/4" FL | 1/4" | 1:5,5 | 20 | 350 | 4.5 | £32.01 | € 43.22 |
| V0269 | VBPSE 3/8" FL | 3/8" | 1:5,5 | 30 | 350 | 4.5 | £32.79 | € 44.26 |
| V0270 | VBPSE 1/2" FL | 1/2" | 1:4,5 | 55 | 350 | 3 | £40.29 | € 54.39 |

# SINGLE PILOT OPERATED CHECK VALVES WITH MANUAL SHUT-OFF

www.flowfitonline.com
TECH. DATA SHEET
CV18






**USE AND OPERATION**

Pilot check valves are used to block the actuator in both direction. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. These valves are very safe, that's why they are ideal to be assembled on crane hydraulic cylinders. The shut-off system enables to exclude and risk caused by possible manoeuvring errors.

**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** Connect v1 and v2 to the pressure flow, c1 to the free flow side of the actuator and c2 to the actuator's side you want the flow to be blocked

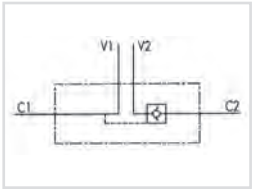
**ON REQUEST:**
WITHOUT SEAL ON PILOT PISTON, RIGHT OF LEFT SIDE LEVER (TO SPECIFY IN THE ORDER)

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0072/SE | VBPSE 1/4" L C/RUBINETTO | 1/4" | 1:5,5 | 20 | 350 | 4 | £37.62 | € 50.78 |
| V0074/SE | VBPSE 3/8" L C/RUBINETTO | 3/8" | 1:5,5 | 30 | 350 | 3 | £37.62 | € 50.78 |
| V0076/SE | VBPSE 1/2" L C/RUBINETTO | 1/2" | 1:5 | 50 | 350 | 3 | £46.20 | € 62.37 |
| V0132/SE | VBPSE 1/4" L C/RUB.2 CEXC | 1/4" | 1:5,5 | 20 | 350 | 4 | £38.69 | € 52.22 |
| V0134/SE | VBPSE 3/8" L C/RUB.2 CEXC | 3/8" | 1:5,5 | 30 | 350 | 4 | £38.69 | € 52.22 |
| V0136/SE | VBPSE 1/2" L C/RUB.2 CC | 1/2" | 1:5 | 50 | 350 | 3 | £48.05 | € 64.86 |

# EXTERNAL SINGLE PILOT OPERATED CHECK VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV19






**USE AND OPERATION**

These valves are used to block the cylinder in one direction. The flow is free in one direction and blocked in the reverse one until pilot pressure is applied. Separated mounting enables valves to be insensitive to back pressure on the line V. Assembly on 2 or more parallel cylinders with flow regulator valve to allow balanced and soft descent is highly recommended

**Body:** Aluminium, **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** No leakage

**Applications:** Connect v1 and v2 to the pressure flow and c1 and c2 to the actuator as indicated in the diagram

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0231 | VBPSE 3/8" PS | 3/8" | 1:12 | 35 | 350 | 3 | £36.00 | € 48.59 |



# OVERCENTRE VALVES

OLEODINAMICA MARCHESINI

**USE AND OPERATION**

These valves are used to control actuator's movement and block in one direction in order to enable the following functions: Under control descent of a load: load's weight doesn't carry it way as the valve prevent any cavitations of the actuator. Limited maximum pressure in case of shocks created by loads, over loads or sudden manoeuvring (load control with open centre distributor)

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, T**ightness:** minor leakage

**Standard settings:** 320 bar

Valve setting must be at least 1,3 times more than load pressure in order to enable the valve to close even when undergone to the maximum load pressure

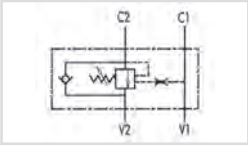
**Applications:** Connect v1 and v2 to the pressure flow, c1 to the free flow side of the actuator and c2 to the actuator's side you want the low to be blocked. In-line mounting

**ON REQUEST:**
Other settings available, pilot ration 1:8 (specify CODE/RP18), Sealing cap (CODE / P) and arranged sealing cap (CODE/PP)

## SINGLE OVER CENTRE VALVES

www.flowfitonline.com TECH. DATA SHEET CV20



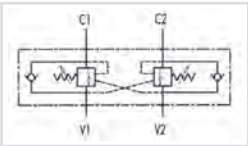



| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0390 | VBCD 3/8" SE | 3/8" | 1:3,1 | 35 | 350 | £50.17 | € 67.73 |
| V0410 | VBCD 1/2" SE | 1/2" | 1:3,1 | 50 | 350 | £50.80 | € 68.58 |
| V0411 | VBCD 3/4" SE | 3/4" | 1:5,5 | 105 | 350 | £83.73 | € 113.04 |
| V0390/RP18 | VBCD 3/8" SE RP 1 : 8 | 3/8" | 1:8 | 35 | 350 | £59.77 | € 80.68 |
| V0410/RP18 | VBCD 1/2" SE RP 1 : 8 | 1/2" | 1:8 | 50 | 350 | £61.06 | € 82.44 |
| V0411/RP18 | VBCD 3/4" SE RP 1 : 8 | 3/4" | 1:8 | 105 | 350 | £99.62 | € 134.49 |

## DOUBLE OVERCENTRE VALVES

www.flowfitonline.com TECH. DATA SHEET CV21



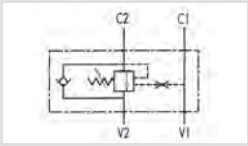



| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0420 | VBCD 3/8" DE | 3/8" | 1:3,1 | 35 | 350 | £81.59 | € 110.15 |
| V0430 | VBCD 1/2" DE | 1/2" | 1:3,1 | 50 | 350 | £84.45 | € 114.00 |
| V0431 | VBCD 3/4" DE | 3/4" | 1:5,5 | 105 | 350 | £128.82 | € 173.91 |
| V0420/RP18 | VBCD 3/8" DE RP 1 : 8 | 3/8" | 1:8 | 35 | 350 | £97.45 | € 131.55 |
| V0430/RP18 | VBCD 1/2" DE RP 1 : 8 | 1/2" | 1:8 | 50 | 350 | £101.90 | € 137.57 |
| V0431/RP18 | VBCD 3/4" DE RP 1 : 8 | 3/4" | 1:8 | 105 | 350 | £154.93 | € 209.15 |

## SINGLE OVERCENTRE VALVES TYPE A

www.flowfitonline.com TECH. DATA SHEET CV22



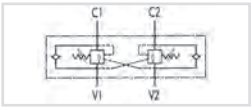



The A type is different in the connections position and the pilot ratio

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0382 | VBCD 1/4" SE/A | 1/4" | 1:4,5 | 20 | 350 | £48.35 | € 65.28 |
| V0392 | VBCD 3/8" SE/A | 3/8" | 1:4,5 | 40 | 350 | £48.35 | € 65.28 |
| V0412 | VBCD 1/2" SE/A | 1/2" | 1:4,5 | 60 | 350 | £51.04 | € 68.90 |
| V0419 | VBCD 3/4" SE/A | 3/4" | 1:5,5 | 95 | 350 | £84.36 | € 113.89 |
| V0417 | VBCD 1" SE/A | 1" | 1:6,2 | 160 | 350 | £152.20 | € 205.48 |

# DOUBLE OVERCENTRE VALVES TYPE A





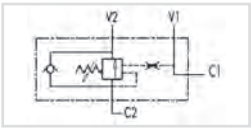

The A type is different in the connections position and the pilot ratio

www.flowfitonline.com
TECH. DATA SHEET
CV23

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0418 | VBCD 1/4" DE/A | 1/4" | 1:4,5 | 20 | 350 | £79.52 | € 107.35 |
| V0422 | VBCD 3/8" DE/A | 3/8" | 1:4,5 | 40 | 350 | £79.52 | € 107.35 |
| V0432 | VBCD 1/2" DE/A | 1/2" | 1:4,5 | 60 | 350 | £83.81 | € 113.13 |
| V0435 | VBCD 3/4" DE/A | 3/4" | 1:5,5 | 95 | 350 | £127.87 | € 172.63 |
| V0436 | VBCD 1" DE/A | 1" | 1:6,2 | 160 | 350 | £222.51 | € 300.39 |

# SINGLE OVERCENTRE VALVES FLANGEABLE





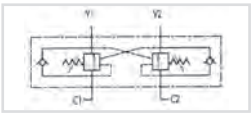

Flange ports enable direct mounting of the valve on the actuator

www.flowfitonline.com
TECH. DATA SHEET
CV24

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0400 | VBCD 3/8" SE/FL | 3/8" | 1:4,5 | 40 | 350 | £53.95 | € 72.82 |
| V0402 | VBCD 1/2" SE/FL | 1/2" | 1:4,5 | 60 | 350 | £56.94 | € 76.86 |
| B8000 | FLANGE FOR 3/8" & 1/2" SE | | | | | £7.04 | € 9.50 |

# DOUBLE OVERCENTRE VALVES FLANGEABLE





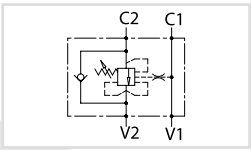

Flange ports enable direct mounting of the valve on the actuator

www.flowfitonline.com
TECH. DATA SHEET
CV25

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0424 | VBCD 3/8" DE/FL | 3/8" | 1:4,5 | 40 | 350 | £86.77 | € 117.13 |
| V0434 | VBCD 12" DE/FL | 12" | 1:4,5 | 60 | 350 | £91.35 | € 123.31 |
| B8500 | FLANGE FOR 3/8" & 1/2" DE | | | | | £10.27 | € 13.87 |

# SINGLE OVERCENTRE VALVE FLANGEABLE, CLOSED CENTRE






www.flowfitonline.com
TECH. DATA SHEET
CV26

**USE AND OPERATION:**

These valves are used to control actuator's movements and block in one direction in order to have a under control descent of a load; load's weight doesn't carry it away, as the valve prevents any cavitations of the actuator. These valves are ideal when normal overcentre valves doesn't work properly as it's not sensitive to back pressure. They allow to work in series with more movements also. Flange ports enable direct mounting of the valve to the actuator.

**Body:** zinc-plated steel **Internal parts:** hardened and ground steel **Seals:** BUNA N standard **Tightness:** minor leakage **Standard setting:** 320 Bar Valve setting must be at least 1,3 times more than load pressure in order to enable the valve to close even when undergone to maximum load pressure.

**Applications:** Connect V1 and V2 to the pressure flow, C1 to the free flow side of the actuator and flange C2 to the actuator's side you want the flow to be blocked. V1 and V2 ports are reversible.

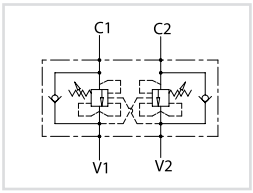
**ON REQUEST:** • other settings available

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0403 | VBCD 3/8" SE FL CC | 3/8" | 1:4,5 | 40 | 350 | £64.35 | € 86.86 |
| V0404 | VBCD 1/2" SE FL CC | 1/2" | 1:4,5 | 60 | 350 | £66.81 | € 90.18 |

# DOUBLE OVERCENTRE VALVE FLANGEABLE, CLOSED CENTRE

www.flowfitonline.com
TECH. DATA SHEET
CV27






**USE AND OPERATION:**

These valves are used to control actuator's movements and block in both directions in order to have a under control descent of a load; load's weight doesn't carry it away, as the valve prevents any cavitations of the actuator. These valves are ideal when normal overcentre valves doesn't work properly as it's not sensitive to back pressure. They allow to work in series with more movements also.

**Body:** zinc-plated steel **Internal parts:** hardened and ground steel **Seals:** BUNA N standard **Tightness:** minor leakage **Standard setting:** 320 Bar Valve setting must be at least 1,3 times more than load pressure in order to enable the valve to close even when undergone to maximum load pressure.

**Applications:** Connect V1 and V2 to the pressure flow, C1 and C2 to the actuator to be controlled.

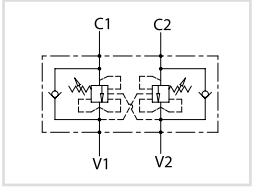
**ON REQUEST:** • other settings available

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0421 | VBCD 3/8" DE-A CC | 3/8" | 1:4,5 | 40 | 350 | £99.66 | € 134.55 |
| V0423 | VBCD 1/2" DE-A CC | 1/2" | 1:4,5 | 60 | 350 | £103.90 | € 140.26 |

# DOUBLE OVERCENTRE VALVE FLANGEABLE, CLOSED CENTRE

www.flowfitonline.com
TECH. DATA SHEET
CV28






**USE AND OPERATION:**

These valves are used to control actuator's movements and block in both directions in order to have a under control descent of a load; load's weight doesn't carry it away, as the valve prevents any cavitations of the actuator. These valves are ideal when normal overcentre valves doesn't work properly as it's not sensitive to back pressure. They allow to work in series with more movements also. Flange ports enable direct mounting of the valve to the actuator.

**Body:** zinc-plated steel **Internal parts:** hardened and ground steel **Seals:** BUNA N standard **Tightness:** minor leakage **Standard setting:** 320 Bar Valve setting must be at least 1,3 times more than load pressure in order to enable the valve to close even when undergone to maximum load pressure.

**Applications:** Connect V1 and V2 to the pressure flow, C1 and C2 to the actuator to be controlled.

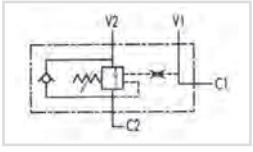
**ON REQUEST:** • other settings available

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0433 | VBCD 3/8" DE FL CC | 3/8" | 1:4,5 | 40 | 350 | £107.08 | € 144.56 |
| V0437 | VBCD 1/2" DE FL CC | 1/2" | 1:4,5 | 60 | 350 | £110.26 | € 148.85 |

# SINGLE OVERCENTRE VALVES FLANEABLE BY SCREW

www.flowfitonline.com
TECH. DATA SHEET
CV29






The special connection by screw, supplied with valve, enables direct mounting of the valve on the actuator

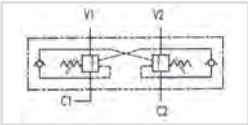
| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0392/FLV | VBCD 3/8" SE/A FLV | 3/8" | 1:4,5 | 40 | 350 | £58.35 | € 78.78 |
| V0412/FLV | VBCD 1/2" SE/A FLV | 1/2" | 1:4,5 | 60 | 350 | £61.25 | € 82.68 |

FOR SALES & ADVICE CALL US 01584 876033

# DOUBLE OVERCENTRE VALVES FLANGEABLE BY SCREW

www.flowfitonline.com
TECH. DATA SHEET
CV30





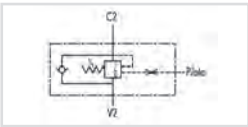

The special connection by screw, supplied with valve, enables direct mounting of the valve on the actuator

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0422/FLV | VBCD 3/8" DE/A FLV | 3/8" | 1:4,5 | 40 | 350 | £95.64 | € 129.11 |
| V0432/FLV | VBCD 1/2" DE/A FLV | 1/2" | 1:4,5 | 60 | 350 | £99.93 | € 134.90 |

# SINGLE OVER CENTRE VALVES, 3 WAYS

www.flowfitonline.com
TECH. DATA SHEET
CV31





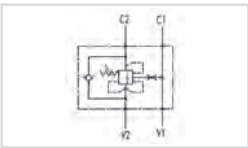

External pilot line

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0394 | VBCD 3/8" SE 3 VIE | 3/8" | 1:4,5 | 40 | 350 | £45.95 | € 62.04 |
| V0414 | VBCD 1/2" SE 3 VIE | 1/2" | 1:4,5 | 60 | 350 | £47.88 | € 64.64 |

# SINGLE OVERCENTRE VALVES FOR CLOSED CENTRE

www.flowfitonline.com
TECH. DATA SHEET
CV32






This valve is ideal when normal overcentre valves doesn't work properly as it's not sensitive to back pressure

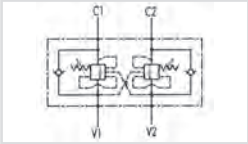
| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0391 | VBCD 3/8" SE-A-CC | 3/8" | 1:4,5 | 40 | 350 | £58.84 | € 79.43 |
| V0393 | VBCD 1/2" SE-A-CC | 1/2" | 1:4,5 | 60 | 350 | £60.97 | € 82.30 |
| V0407 | VBCD 3/8" SE CC | 3/8" | 1:3,1 | 35 | 350 | £66.41 | € 89.65 |
| V0408 | VBCD 1/2 " SE CC | 1/2" | 1:3,1 | 50 | 350 | £68.25 | € 92.13 |
| V0409 | VBCD 3/4" SE CC | 3/4" | 1:5,5 | 105 | 350 | £105.84 | € 142.88 |
| V0407/RP18 | VBCD 3/8" SE CC | 3/8" | 1:8 | 35 | 350 | £73.08 | € 98.67 |
| V0408/RP18 | VBCD 1/2 " SE CC | 1/2" | 1:8 | 50 | 350 | £75.06 | € 101.33 |
| V0409/RP18 | VBCD 3/4" SE CC | 3/4" | 1:8 | 105 | 350 | £116.34 | € 157.05 |

FOR SALES & ADVICE CALL US 01584 876033

# DOUBLE OVERCENTRE VALVES FOR CENTRE CLOSED

www.flowfitonline.com
TECH. DATA SHEET
CV33





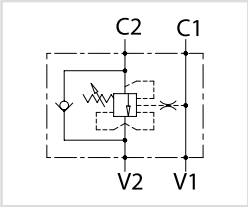

This valve is ideal when normal overcentre valves doesn't work properly as it's not sensitive to back pressure

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0441 | VBCD 3/8" DE CC | 3/8" | 1:3,1 | 35 | 350 | £114.65 | € 154.77 |
| V0442 | VBCD 1/2" DE CC | 1/2" | 1:3,1 | 50 | 350 | £118.53 | € 160.01 |
| V0443 | VBCD 3/4" DE CC | 3/4" | 1:5,5 | 105 | 350 | £168.70 | € 227.74 |
| V0441/RP18 | VBCD 3/8" DE CC | 3/8" | 1:8 | 35 | 350 | £126.14 | € 170.29 |
| V0442/RP18 | VBCD 1/2" DE CC | 1/2" | 1:8 | 50 | 350 | £130.35 | € 175.96 |
| V0443/RP18 | VBCD 3/4" DE CC | 3/4" | 1:8 | 105 | 350 | £185.37 | € 250.26 |
| V0421 | VBCD 3/8" DE-A-CC | 3/8" | 1:4,5 | 40 | 350 | £99.66 | € 134.55 |
| V0423 | VBCD 1/2" DE-A-CC | 1/2" | 1:4,5 | 60 | 350 | £103.90 | € 140.26 |

# SINGLE OVERCENTRE VALVE FOR CLOSED CENTRE, TYPE A

www.flowfitonline.com
TECH. DATA SHEET
CV34






**USE AND OPERATION:**

These valves are used to control actuator's movements and block in one direction in order to have a under control descent of a load; load's weight doesn't carry it away, as the valve prevents any cavitations of the actuator. These valves are ideal when normal overcentre valves doesn't work properly as it's not sensitive to back pressure. They allow to work in series with more movements also.

**Body:** zinc-plated steel **Internal parts**: hardened and ground steel **Seals:** BUNA N standard **Tightness**: minor leakage **Standard setting:** 320 Bar Valve setting must be at least 1,3 times more than load pressure in order to enable the valve to close even when undergone to maximum load pressure.

**Applications:** Connect V1 and V2 to the pressure flow, C1 to the free flow side of the actuator and C2 to the actuator's side you want theflow to be blocked. In-line mounting.

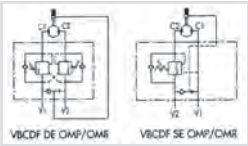
**ON REQUEST:**
• other settings available

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0391 | VBCD 3/8" SE-A CC | 3/8" | 1:4,5 | 40 | 350 | £58.84 | € 79.43 |
| V0393 | VBCD 1/2" SE-A CC | 1/2" | 1:4,5 | 60 | 350 | £60.97 | € 82.30 |

# OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMP/OMR

www.flowfitonline.com
TECH. DATA SHEET
CV35





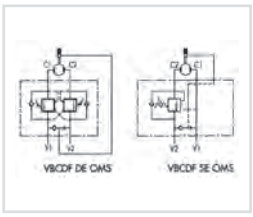

Direct flange is ideal for Danfoss motor type omp-omr and provides a maximum safety, very low pressure drops and solid installation

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0415 | VBCDF 1/2" SE OMP-OMR | 1/2" | 1:4,5 | 50 | 350 | £61.78 | € 83.41 |
| V0425 | VBCDF 1/2" DE OMP-OMR | 1/2" | 1:4,5 | 50 | 350 | £103.54 | € 139.77 |
| V0415/SF | VBCDF 1/2" SE OMP-OMR SF/ BRAKE UNCLAPING | 1/2" | 1:4,5 | 50 | 350 | £68.39 | € 92.32 |
| V0425/SF | VBCDF 1/2" DE OMP-OMR SF/ BRAKE UNCLAPING | 1/2" | 1:4,5 | 50 | 350 | £110.24 | € 148.82 |
| NB. BRAKE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE " | | | | | | | |

# OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMS

www.flowfitonline.com
TECH. DATA SHEET
CV36






Direct flange is ideal for danfoss engine type oms and provides a maximum safety, very low pressure drops and solid installation

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0416 | VBCDF 1/2" SE OMS | 1/2" | 1:4,5 | 50 | 350 | £60.17 | € 81.23 |
| V0426 | VBCDF 1/2" DE OMS | 1/2" | 1:4,5 | 50 | 350 | £102.09 | € 137.83 |
| V0416/SF | VBCDF 1/2" SE OMS /SF BRAKE UNCLAPING | 1/2" | 1:8 | 50 | 350 | £65.55 | € 88.48 |
| V0426/SF | VBCDF 1/2" DE OMS SF/ BRAKE UNCLAPING | 1/2" | 1:8 | 50 | 350 | £107.76 | € 145.49 |
| NB. BRAKE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE " | | | | | | | |

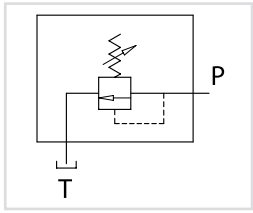
# RELIEF VALVES

OLEODINAMICA MARCHESINI

## 20 RELIEF VALVE CARTRIDGE

www.flowfitonline.com
TECH. DATA SHEET
CV37






**USE AND OPERATION:**

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve open allowing pressure relief in order not to exceed this setting.

**Body:** zinc-plated steel, **Internal parts:** hardened and ground steel, **Seals:** BUNA N standard, **Poppet type:** minor leakage

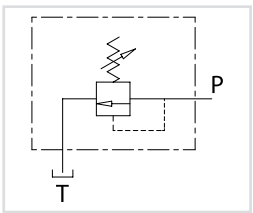
**Applications:** Fit the valve in the cavity.

| CODE | TYPE | CAVITY SIZE | MAX FLOW L/MIN | PRESSURE RANGE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| VC0200/350 | VMPC 20 50-350 BAR | 3/4" - 16 | 20 | 50-350 | £16.97 | € 22.91 |

## 35 RELIEF VALVE CARTRIDGE

www.flowfitonline.com
TECH. DATA SHEET
CV38






**USE AND OPERATION:**

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve open allowing pressure relief in order not to exceed this setting.

**Body**: zinc-plated steel, **Internal parts:** hardened and ground steel, **Seals:** BUNA N standard, **Poppet type:** minor leakage

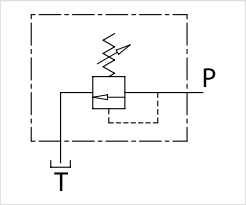
**Applications:** Fit the valve in the cavity.

| CODE | TYPE | CAVITY SIZE | MAX FLOW L/MIN | PRESSURE RANGE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| VC0350/120 | VMPC 35 10-120 BAR | M20X1,5 | 35 | 10-120 | £14.84 | € 20.04 |
| VC0350/300 | VMPC 35 50-300 BAR | M20X1,5 | 35 | 50-300 | £14.84 | € 20.04 |

# 80 RELIEF VALVE CARTRIDGE

www.flowfitonline.com
TECH. DATA SHEET
CV39






**USE AND OPERATION:**

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve open allowing pressure relief in order not to exceed this setting.

**Body:** zinc-plated steel, **Internal parts:** hardened and ground steel,
**Seals:** BUNA N standard, **Poppet type:** minor leakage

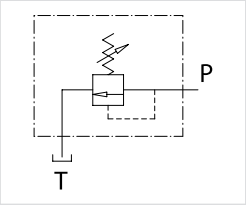
**Applications:** Fit the valve in the cavity.

| CODE | TYPE | CAVITY SIZE | MAX FLOW L/MIN | PRESSURE RANGE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| VC0800/120 | VMPC 80 10-120 BAR | M26X1,5 | 80 | 10-120 | £21.01 | € 28.35 |
| VC0800/300 | VMPC 80 50-300 BAR | M26X1,5 | 80 | 50-300 | £21.06 | € 28.43 |

# 120 RELIEF VALVE CARTRIDGE

www.flowfitonline.com
TECH. DATA SHEET
CV40






**USE AND OPERATION**:

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve open allowing pressure relief in order not to exceed this setting.

**Body**: zinc-plated steel, **Internal parts:** hardened and ground steel,
**Seals**: BUNA N standard, **Poppet type**: minor leakage

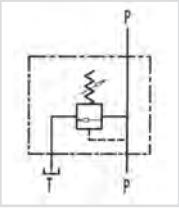
**Applications**: Fit the valve in the cavity.

| CODE | TYPE | CAVITY SIZE | MAX FLOW L/MIN | PRESSURE RANGE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| VC1200/120 | VMPC 120 20-200 BAR | M32X1,5 | 120 | 20-200 | £39.24 | € 52.97 |
| VC1200/400 | VMPC 120 50-400 BAR | M32X1,5 | 120 | 50-400 | £39.24 | € 52.97 |

# LIGHT RELIEF VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV41






**USE AND OPERATION**

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve opens allowing pressure relief in order not to exceed this setting

**Body:** Zinc-plated steel **Internal parts**: Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** minor leakage

**Applications**: Connect circuit port with pressure to P and tank port to T, Port p is reversible

**ON REQUEST:**
Different setting range available (See table below) Other settings available
(**CODE/T:** please specify the desired setting)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0689 | VMP 1/4" L | 1/4" | 30 | 300 | £16.46 | € 22.22 |
| V0690 | VMP 3/8" L | 3/8" | 40 | 300 | £21.47 | € 28.98 |
| V0689/T | VMP 1/4" L PRESSURE PRESET | 1/4" | 30 | 300 | £19.33 | € 26.10 |
| V0690/T | VMP 3/8" L PRESSURE PRESET | 3/8" | 40 | 300 | £20.88 | € 28.19 |
| V0689/V | VMP 1/4" L HANDKNOB | 1/4" | 30 | 300 | £20.09 | € 27.11 |
| V0690/V | VMP 3/8" L HANDKNOB | 3/8" | 40 | 300 | £21.62 | € 29.19 |
| V0689/P | VMP 1/4" L SEALING CAP | 1/4" | 30 | 300 | £21.05 | € 28.41 |
| V0690/P | VMP 3/8" L SEALING CAP | 3/8" | 40 | 300 | £22.64 | € 30.55 |

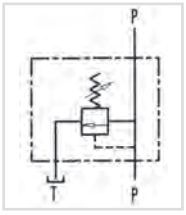
| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTING BAR |
| 10 - 50* | 7 | 30 |
| 10 - 180 (Standard) | 40 | 100 |
| 80 - 300 | 50 | 150 |

* = For setting less than 70 Bar Q = 12 l/m

# RELIEF VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV42






**USE AND OPERATION**

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve opens allowing pressure relief in order not to exceed this setting

**Body**: Zinc-plated steel **Internal parts**: Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type:** minor leakage

**Applications**:Connect circuit port with pressure to P and tank port to T, Port p is reversible

**ON REQUEST:**
Different setting range available (See table below) Other settings available
(**CODE/T:** please specify the desired setting)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0700 | VMP 3/8" | 3/8" | 45 | 300 | £21.83 | € 29.47 |
| V0710 | VMP 1/2" | 1/2" | 70 | 300 | £23.97 | € 32.35 |
| V0720 | VMP 3/4" | 3/4" | 120 | 300 | £31.49 | € 42.51 |
| V0700/T | VMP 3/8" PRESSURE PRESET | 3/8" | 45 | 300 | £25.34 | € 34.20 |
| V0710/T | VMP 1/2" PRESSURE PRESET | 1/2" | 70 | 300 | £27.80 | € 37.52 |
| V0720/T | VMP 3/4" PRESSURE PRESET | 3/4" | 120 | 300 | £36.46 | € 49.22 |
| V0700/V | VMP 3/8" HANDKNOB | 3/8" | 45 | 300 | £26.00 | € 35.09 |
| V0710/V | VMP 1/2" HANDKNOB | 1/2" | 70 | 300 | £28.36 | € 38.29 |
| V0720/V | VMP 3/4" HANDKNOB | 3/4" | 120 | 300 | £36.90 | € 49.82 |
| V0700/P | VMP 3/8" SEALING CAP | 3/8" | 45 | 300 | £27.13 | € 36.62 |
| V0710/P | VMP 1/2" SEALING CAP | 1/2" | 70 | 300 | £29.53 | € 39.86 |
| V0720/P | VMP 3/4" SEALING CAP | 3/4" | 120 | 300 | £38.20 | € 51.58 |

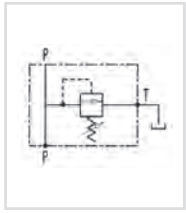
| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTING BAR |
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 | 30 | 90 |
| 50 - 250 (Standard) | 45 | 130 |
| 80 - 300 | 50 | 150 |

* = For setting less than 70 Bar Q = 12 l/m

# DIFFERENTIAL TYPE RELIEF VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV43






**USE AND OPERATION**

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve opens allowing pressure relief in order not to exceed this setting. The differential valve opening is slower than the standard one, but the setting is more stable when the flow changes.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel,
**Seals**: Buna N standard, **Poppet type**: minor leakage

**Applications**:Connect circuit port with pressure to P and tank port to T. The 1" size is supplied with a double exit T (1 exit can be capped according with mounting needs)

**ON REQUEST:**
Different setting range available (See table below) Other settings available
(**CODE/T**: please specify the desired setting)

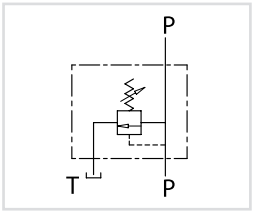
| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0725 | VMPP 3/4" | 3/4" | 120 | 400 | £69.42 | € 93.72 |
| V0735 | VMPP 1" | 1" | 180 | 400 | £80.49 | € 108.66 |
| V0725/T | VMPP 3/4" PRESSURE PRESET | 3/4" | 120 | 400 | £71.98 | € 97.18 |
| V0735/T | VMPP 1" PRESSURE PRESET | 1" | 180 | 400 | £83.19 | € 112.31 |
| V0725/V | VMPP 3/4" HANDKNOB | 3/4" | 120 | 400 | £71.74 | € 96.87 |
| V0735/V | VMPP 1" HANDKNOB | 1" | 180 | 400 | £82.77 | € 111.74 |
| V0725/P | VMPP 3/4" SEALING CAP | 3/4" | 120 | 400 | £71.61 | € 96.68 |
| V0735/P | VMPP 1" SEALING CAP | 1" | 180 | 400 | £84.97 | € 114.71 |

| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTING BAR |
| 20 - 200 | 40 | 160 |
| 50 - 400 (Standard) | 80 | 180 |

# IN LINE MOUNTING RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV44






**USE AND OPERATION:**

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve open allowing pressure relief in order not to exceed this setting.

**Body**: zinc-plated steel, **Internal parts:** hardened and ground steel, **Seals:** BUNA N standard, **Poppet type:** minor leakage

**Applications**: Connect circuit port with pressure to P and tank port to T. Port P is reversible.

**ON REQUEST:**

• different setting range

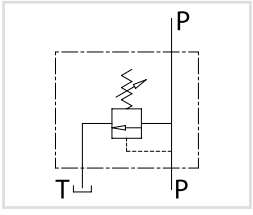
• other setting available (CODE/T000: please specify the desired setting)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| V0688/000 | V0688/000 VMP/L/D5 1/4" | 1/4" | 30 | £20.78 | € 28.05 |

# IN LINE MOUNTING RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV44






**USE AND OPERATION:**

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve open allowing pressure relief in order not to exceed this setting.

**Body:** zinc-plated steel, **Internal parts:** hardened and ground steel, **Seals:** BUNA N standard, **Poppet type**: minor leakage

**Applications**: Connect circuit port with pressure to P and tank port to T. Port P is reversible.

**ON REQUEST:**

• different setting range

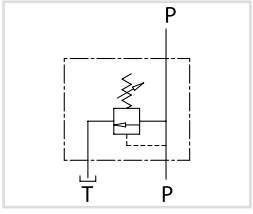
• other setting available (CODE/T000: please specify the desired setting)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| V0691/000 | VMP/L/D5 3/8" | 3/8" | 45 | £27.57 | € 37.22 |
| V0692/000 | VMP/L/D5 1/2" | 1/2" | 70 | £30.54 | € 41.22 |
| V0693/000 | VMP/L/D5 3/4" | 3/4" | 90 | £40.50 | € 54.67 |

# IN LINE MOUNTING RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV44






**USE AND OPERATION:**

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve open allowing pressure relief in order not to exceed this setting. The valve differential opening is slower than the standard one, but the setting is more stable changing the flow.

**Body:** zinc-plated steel, **Internal parts:** hardened and ground steel.
**Seals**: BUNA N standard, **Poppet type:** minor leakage

**Applications:** Connect circuit port with pressure to P and tank port to T. Port P is reversible.

**ON REQUEST:**

• different setting range

• other setting available (CODE/T000: please specify the desired setting)

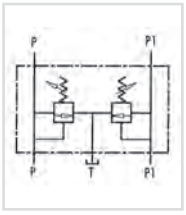
| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| V0726/000 | VMPP/L/D5 3/4" | 3/4" | 120 | £79.52 | € 107.35 |

FOR SALES & ADVICE CALL US 01584 876033

# DOUBLE RELIEF VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV45






**USE AND OPERATION**

Made up by 2 relief valves, the double relief valve provides overload protection in 2 lines-hydraulic circuits with 1 tank. It allows 2 different pressure setting

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type**: minor leakage

**Applications:** Connect P and P1 to the pressure flow, the remaining P1 and P ports to the 2 lines to be controlled but in the reverse way; connect T to the tank.

**ON REQUEST:**
Different setting range available (See table below) Other settings available (CODE/T: please specify the desired setting)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0732 | VMPP 3/8" | 3/8" | 45 | 300 | £44.42 | € 59.96 |
| V0734 | VMPP 1/2" | 1/2" | 70 | 300 | £45.44 | € 61.34 |
| V0732/T | VMPP 3/8" PRESSURE PRESET | 3/8" | 45 | 300 | £47.52 | € 64.14 |
| V0734/T | VMPP 1/2" PRESSURE PRESET | 1/2" | 70 | 300 | £48.83 | € 65.92 |
| V0732/V | VMPP 3/8" HANDKNOB | 3/8" | 45 | 300 | £49.08 | € 66.26 |
| V0734/V | VMPP 1/2" HANDKNOB | 1/2" | 70 | 300 | £50.39 | € 68.03 |
| V0732/P | VMPP 3/8" SEALING CAP | 3/8" | 45 | 300 | £51.26 | € 69.20 |
| V0734/P | VMPP 1/2" SEALING CAP | 1/2" | 70 | 300 | £52.59 | € 70.99 |

| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTING BAR |
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 (Standard) | 30 | 90 |
| 50 - 250 | 45 | 130 |
| 80 - 300 | 50 | 150 |

* = For setting less than 70 Bar Q = 12 l/m



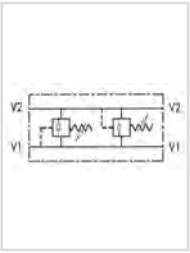
# DUAL CROSS RELIEF VALVES

OLEODINAMICA MARCHESINI

## DUAL CROSS RELIEF VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV46






**USE AND OPERATION**

Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Poppet type:** minor leakage

**Applications**: Connect V1 and V2 to the pressure flow or to the actuator/hydraulic motor. Vice versa for the remaining port V1 and V2. Mounting by the actuator is highly recommended in order to avoid pressure drops.

**ON REQUEST:**
Different setting range available (See table below) Other settings available (CODE/T: please specify the desired setting)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0438 | VAU 1/4" | 1/4" | 30 | 300 | £34.39 | € 46.42 |
| V0440 | VAU 3/8" | 3/8" | 45 | 300 | £37.62 | € 50.78 |
| V0450 | VAU 1/2" | 1/2" | 70 | 300 | £39.75 | € 53.68 |
| V0460 | VAU 3/4" | 3/4" | 110 | 300 | £52.65 | € 71.07 |
| V0438/T | VAU 1/4" PRESSURE PRESET | 1/4" | 30 | 300 | £37.00 | € 49.95 |
| V0440/T | VAU 3/8" PRESSURE PRESET | 3/8" | 45 | 300 | £41.22 | € 55.65 |
| V0450/T | VAU 1/2" PRESSURE PRESET | 1/2" | 70 | 300 | £43.10 | € 58.19 |
| V0460/T | VAU 3/4" PRESSURE PRESET | 3/4" | 110 | 300 | £56.16 | € 75.81 |
| V0438/V | VAU 1/4" HANDKNOB | 1/4" | 30 | 300 | £38.62 | € 52.14 |
| V0440/V | VAU 3/8" HANDKNOB | 3/8" | 45 | 300 | £41.72 | € 56.32 |
| V0450/V | VAU 1/2" HANDKNOB | 1/2" | 70 | 300 | £44.53 | € 60.12 |
| V0460/V | VAU 3/4" HANDKNOB | 3/4" | 110 | 300 | £57.36 | € 77.44 |
| V0438/P | VAU 1/4" SEALING CAP | 1/4" | 30 | 300 | £40.53 | € 54.71 |
| V0440/P | VAU 3/8" SEALING CAP | 3/8" | 45 | 300 | £43.71 | € 59.00 |
| V0450/P | VAU 1/2" SEALING CAP | 1/2" | 70 | 300 | £46.61 | € 62.92 |
| V0460/P | VAU 3/4" SEALING CAP | 3/4" | 110 | 300 | £59.64 | € 80.51 |

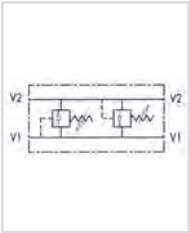
| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTING BAR |
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 (Standard) | 30 | 90 |
| 50 - 250 | 45 | 130 |
| 80 - 300 | 50 | 150 |

* = For setting less than 70 Bar Q = 12 l/m

## DIFFERENTIAL DUAL CROSS RELIEF VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV47






**USE AND OPERATION**

Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well. The differential valve makes the opening slower but more constant setting even with flow changes.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Poppet type:** minor leakage

**Applications:** Connect V1 and V2 to the pressure flow or to the actuator/hydraulic motor. Vice versa for the remaining port V1 and V2. Mounting by the actuator is highly recommended in order to avoid pressure drops.

**ON REQUEST:** Different setting range available (See table below) Other settings available (CODE/T: please specify the desired setting)

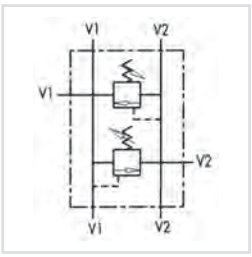
| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0470 | VAU 1" | 1" | 160 | 400 | £139.88 | € 188.84 |
| V0470/T | VAU 1" PRESSURE PRESET | 1" | 160 | 400 | £142.24 | € 192.02 |
| V0470/V | VAU 1" HANDKNOB | 1" | 160 | 400 | £144.41 | € 194.94 |
| V0470/P | VAU 1" SEALING CAP | 1" | 160 | 400 | £145.51 | € 196.43 |

| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTING BAR |
| 20 - 200 | 40 | 160 |
| 50 - 400 (Standard) | 80 | 180 |

# DUAL CROSS RELIEF VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV48






**USE AND OPERATION**

Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well. The 6 ports (2 ways in and 4 ways out reversible) enable to use just 1 valve for 2 cylinders.

**Body**: Zinc-plated steel **Internal parts**: Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type**: minor leakage

**Applications:** Connect V1 and V2 to the pressure flow or to the actuator/hydraulic motor. Vice versa for the remaining port V1 and V2. Mounting by the actuator is highly recommended in order to avoid pressure drops.

**ON REQUEST:**
Different setting range available (See table below) Other settings available (CODE/T: please specify the desired setting)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0737 | VMPDI 3/8" | 3/8" | 45 | 300 | £44.27 | € 59.77 |
| V0738 | VMPDI 1/2" | 1/2" | 70 | 300 | £47.29 | € 63.84 |
| V0737/T | VMPDI 3/8" PRESSURE PRESET | 3/8" | 45 | 300 | £47.29 | € 63.84 |
| V0738/T | VMPDI 1/2" PRESSURE PRESET | 1/2" | 70 | 300 | £50.09 | € 67.62 |
| V0737/V | VMPDI 3/8" HANDKNOB | 3/8" | 45 | 300 | £48.75 | € 65.82 |
| V0738/V | VMPDI 1/2" HANDKNOB | 1/2" | 70 | 300 | £51.45 | € 69.45 |
| V0737/P | VMPDI 3/8" SEALING CAP | 3/8" | 45 | 300 | £50.66 | € 68.40 |
| V0738/P | VMPDI 1/2" SEALING CAP | 1/2" | 70 | 300 | £53.48 | € 72.20 |

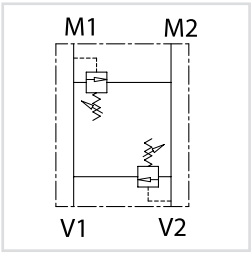
| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTING BAR |
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 (Standard) | 30 | 90 |
| 50 - 250 | 45 | 130 |
| 80 - 300 | 50 | 150 |

* = For setting less than 70 Bar Q = 12 l/m

# DUAL CROSS RELIEF VALVE FLANGEABLE ON DANFOSS MOTORS OMP/OMR BY SCREWS

www.flowfitonline.com
TECH. DATA SHEET
CV49






**USE AND OPERATION:**

Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well. Direct flange is ideal for Danfoss motors type OMPOMR and provides a maximum safety, very low pressure drops and solid installation.

**Body:** zinc-plated steel, **Internal parts:** hardened and ground steel.
**Seals**: BUNA N standard, **Poppet type:** minor leakage

**Applications:** Flange M1 and M2 directly to the motor by screws (not included) and connect ports V1 and V2 to pressure flow.

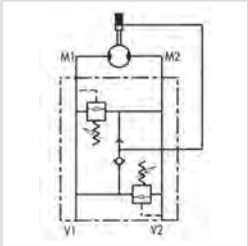
**ON REQUEST:**
• Different setting range
• Other setting available (CODE/T: please specify the desired setting)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| V0503/000 | VAU OM 1/2" WSC | 1/2" | 40 | £49.30 | € 66.56 |

# DUAL CROSS RELIEF VALVE FLANGEABLE ON DANFOSS MOTORS OMS-OMP/OMR-OMT

www.flowfitonline.com
TECH. DATA SHEET
CV50






**USE AND OPERATION**

Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well. Direct flange is ideal for Danfoss motors type OMS, OMP/OMR and OMT and provides a maximum safety, very low pressure drops and solid installation.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Poppet type:** minor leakage

**Applications**: Flange M1 and M2 directly to the motor and connect V1 and V2 to pressure flow.

**ON REQUEST:**

Different setting range available (See table below) Other settings available (CODE/T: please specify the desired setting). Single acting with just 1 relief available (CODE/ SE). Brake unclaping (CODE/ SF)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0490 | VAU 1/2" OMS | 1/2" | 50 | 300 | £46.71 | € 63.06 |
| V0500 | VAU 1/2" OMP/OMR | 1/2" | 60 | 300 | £47.61 | € 64.27 |
| V0505 | VAU 3/4" OMT | 3/4" | 100 | 300 | £56.94 | € 76.86 |
| V0490/SE | VAU 1/2" OMS SE/ SINGLE ACTING | 1/2" | 50 | 300 | £44.98 | € 60.73 |
| V0500/SE | VAU 1/2" OMP/OMR SE/SINGLE ACTING | 1/2" | 60 | 300 | £46.45 | € 62.70 |
| V0505/SE | VAU 3/4" OMT SE/SINGLE ACTING | 3/4" | 100 | 300 | £55.65 | € 75.14 |
| V0490/T | VAU 1/2" OMS PRESSURE PRESET | 1/2" | 50 | 300 | £48.89 | € 66.00 |
| V0500/T | VAU 1/2" OMP/OMR PRESSURE PRESET | 1/2" | 60 | 300 | £49.98 | € 67.48 |
| V0505/T | VAU 3/4" OMT PRESSURE PRESET | 3/4" | 100 | 300 | £59.21 | € 79.93 |
| V0490/V | VAU 1/2" OMS HANDKNOB | 1/2" | 50 | 300 | £51.17 | € 69.08 |
| V0500/V | VAU 1/2" OMP/OMR HANDKNOB | 1/2" | 60 | 300 | £52.41 | € 70.76 |
| V0505/V | VAU 3/4" OMT HANDKNOB | 3/4" | 100 | 300 | £50.78 | € 68.56 |
| V0490/P | VAU 1/2" OMS SEALING CAP | 1/2" | 50 | 300 | £52.39 | € 70.73 |
| V0500/P | VAU 1/2" OMP/OMR SEALING CAP | 1/2" | 60 | 300 | £53.45 | € 72.15 |
| V0505/P | VAU 3/4" OMT SEALING CAP | 3/4" | 100 | 300 | £62.65 | € 84.59 |
| V0490/SF | VAU 1/2" OMS SF/ BRAKE UNCLAPING | 1/2" | 50 | 300 | £52.20 | € 70.47 |
| V0500/SF | VAU 1/2" OMP/OMR SF/ BRAKE UNCLAPING | 1/2" | 60 | 300 | £53.25 | € 71.90 |
| V0505/SF | VAU 3/4" OMT SF/ BRAKE UNCLAPING | 3/4" | 100 | 300 | £62.50 | € 84.37 |
| NB. BRACE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE " | | | | | | |

| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTING BAR |
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 (Standard) | 30 | 90 |
| 50 - 250 | 45 | 130 |
| 80 - 300 | 50 | 150 |

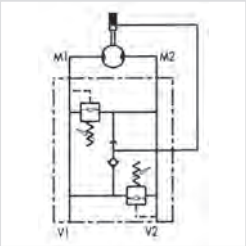
* = For setting less than 70 Bar Q = 12 l/m



# DUAL CROSS RELIEF VALVE FLANGEABLE ON SAMHYDRAULIK MOTORS AG - AR

www.flowfitonline.com
TECH. DATA SHEET
CV51






**USE AND OPERATION**

Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well. Direct flange is ideal for Samhydraulic motors type AG - AR and provides a maximum safety, very low pressure drops and solid installation.

**Body:** Zinc-plated steel **Internal parts**: Hardened and ground steel,
**Seals:** Buna N standard, **Poppet type**: minor leakage

**Applications:** Flange M1 and M2 directly to the motor and connect V1 and V2 to pressure flow.

**ON REQUEST:**
Different setting range available (See table below) Other settings available (CODE/T: please specify the desired setting). Brake unclaping (CODE/ SF)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0455 | VAU 1/2" AG - AR | 1/2" | 60 | 300 | £48.57 | € 65.57 |
| V0455/T | VAU 1/2" AG - AR PRESSURE PRESET | 1/2" | 60 | 300 | £50.77 | € 68.54 |
| V0455/V | VAU 1/2" AG - AR HANDKNOB | 1/2" | 60 | 300 | £53.03 | € 71.58 |
| V0455/P | VAU 1/2" AG - AR SEALING CAP | 1/2" | 60 | 300 | £54.16 | € 73.12 |
| V0455/SF | VAU 1/2" AG - AR SF/ BRAKE UNCLAPING | 1/2" | 60 | 300 | £54.16 | € 73.12 |

BRACE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE "

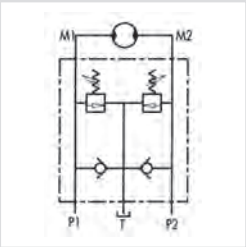
| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTING BAR |
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 (Standard) | 30 | 90 |
| 50 - 250 | 45 | 130 |
| 80 - 300 | 50 | 150 |

* = For setting less than 70 Bar Q = 12 l/m

# DUAL CROSS RELIEF VALVES WITH ANTI-CAVITATION

www.flowfitonline.com
TECH. DATA SHEET
CV52






**USE AND OPERATION**

This valve is used to block pressure to a certain setting in the 2 ports of an hydraulic motor: when it reaches pressure setting, the valve opens allowing pressure relief in T. The relief valve provides overload protection in a fast and accurate way and Cavitation is avoided thanks to the check valve.

**Body:** Zinc-plated steel (VAUAC 1/2") and Aluminium VAUAC 3/4" **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, Poppet type: minor leakage

**Applications:** Flange M1 and M2 directly to the motor and connect P1 and P2 to pressure flow. Connect T to the tank. Mounting by the actuator is highly recommended in order to avoid pressure drops and get prompt duty.

**On Request:**
Different setting range available (See table below) Other settings available (CODE/T: please specify the desired setting).

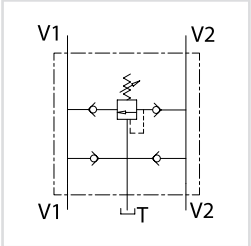
| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0508 | VAUAC 1/2" | 1/2" | 70 | 300 | £113.90 | € 153.76 |
| V0510 | VAUAC 3/4" | 3/4" | 110 | 300 | £177.30 | € 239.36 |
| V0508/T | VAUAC 1/2" PRESSURE PRESET | 1/2" | 70 | 300 | £116.14 | € 156.79 |
| V0510/T | VAUAC 3/4" PRESSURE PRESET | 3/4" | 110 | 300 | £178.91 | € 241.53 |
| V0508/V | VAUAC 1/2" HANDKNOB | 1/2" | 70 | 300 | £118.39 | € 159.83 |
| V0510/V | VAUAC 3/4" HANDKNOB | 3/4" | 110 | 300 | £113.01 | € 152.57 |
| V0508/P | VAUAC 1/2" SEALING CAP | 1/2" | 70 | 300 | £119.51 | € 161.34 |
| V0510/P | VAUAC 3/4" SEALING CAP | 3/4" | 110 | 300 | £182.30 | € 246.11 |

| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) Q = 4 L/M | STANDARD SETTINGBAR |
| 10 - 180 Standard | 30 | 90 |
| 80 - 300 | 50 | 150 |
| For VAUAC 3/4" | | |
| 20 - 200 | 40 | 160 |
| 50 - 400 Standard | 80 | 180 |

# DUAL CROSS RELIEF VALVE WITH ANTI-CAVITATION AND SINGLE ADJUSTMENT

www.flowfitonline.com
TECH. DATA SHEET
CV53






**USE AND OPERATION:**

This valve is used to block pressure to a certain setting in the 2 ports of both hydraulic motor and actuator. The 2 check valves provide overload protection and cavitation is avoid during the slowing down of the actuator.

**Body:** zinc-plated steel, Internal parts: hardened and ground steel, **Seals**: BUNA N standard, **Tightness:** minor leakage

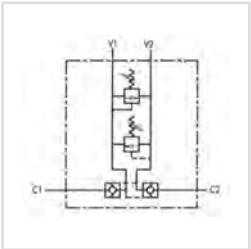
**Applications:** Connect V1 and V2 ports to the motor, the others V1 and V2 ports to the pressure flow and T to the tank. Mounting by the actuator is highly recommended in order to avoid pressure drops and get a prompt duty.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | PRESSURE RANGE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0508/RU | VAA/RU 1/2" | 1/2" | 60 | 50 - 300 | £98.60 | € 133.11 |

# DUAL CROSS RELIEF VALVES WITH PILOT CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV54






**USE AND OPERATION**

Made up by 1 double pilot check valve together with one double cross relief valve, this valve enables to block the actuator in one position and to limit inlet pressure to the actuator.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals**: Buna N standard, **Poppet type**: minor leakage

**Applications:** Connect V1 and V2 to the pressure flow and C1 and C2 to the actuator.

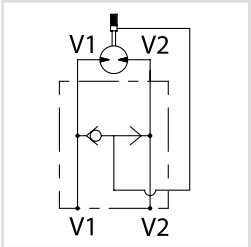
**On Request:** Other settings available (CODE/T: please specify the desired setting)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V444 | VBAU 3/8" | 3/8" | 35 | 180 | £89.78 | € 121.20 |
| V444/T | VBAU 3/8" PRESSURE PRESET | 3/8" | 35 | 180 | £92.03 | € 124.23 |
| V444/V | VBAU 3/8" HANDKNOB | 3/8" | 35 | 180 | £94.44 | € 127.49 |
| V444/P | VBAU 3/8" SEALING CAP | 3/8" | 35 | 180 | £95.57 | € 129.03 |

# BRAKE UNCLAMPING VALVE, FLANGEABLE TO DANFOSS MOTORS OMP/OMR

www.flowfitonline.com
TECH. DATA SHEET
CV55






**USE AND OPERATION:**

This valve is used to unlock the motors hydraulic brake.

**Body**: zinc-plated steel, **Internal parts**: hardened and ground steel,
**Seals:** BUNA N standard

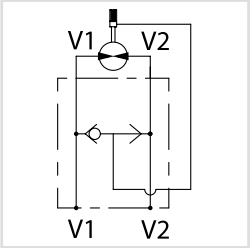
**Applications:** Flange V1 and V2 to the motor, connect the other side of V1 and V2 to the pressure flow and connect the 1/4" port to the motor brake.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0333 | VSBF 1/2" OMP/OMR | 1/2" | 60 | 300 | £33.94 | € 45.82 |

# BRAKE UNCLAMPING VALVE, FLANGEABLE TO DANFOSS MOTORS OMS

www.flowfitonline.com
TECH. DATA SHEET
CV56






**USE AND OPERATION:**

This valve is used to unlock the motors hydraulic brake.

**Body:** zinc-plated steel, **Internal parts:** hardened and ground steel,
**Seals:** BUNA N standard

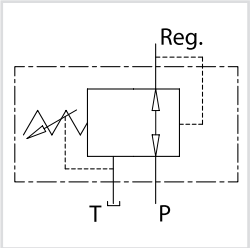
**Applications:** Flange V1 and V2 to the motor, connect the other side of V1 and V2 to the pressure flow and connect the 1/4" port to the motor brake.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0334 | VSBF 1/2" OMS | 1/2" | 40 | 300 | £32.86 | € 44.37 |

# PRESSURE REDUCING VALVE, DIRECT ACTING POPPET

www.flowfitonline.com
TECH. DATA SHEET
CV57






**USE AND OPERATION:**

This valve allows to preserve constant the pressure downstream, regardless of the upstream pressure.

**Body**: zinc-plated steel, **Internal parts**: hardened and ground steel,
**Seals:** BUNA N standard, **Tightness:** 70 cc/min (350 Bar to port P)

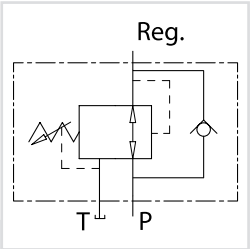
**Applications**: Connect P to the main circuit, the port Reg. to the circuit where you want to reduce pressure and port T to the tank.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0704/000 | VRP 3/8" | 3/8" | 30 | 350 | £83.24 | € 112.36 |
| V0706/000 | VRP 1/2" | 1/2" | 30 | 350 | £84.29 | € 113.79 |

# DIRECT ACTING REDUCING VALVE WITH CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV58






**USE AND OPERATION:**

This valve allows to preserve constant the pressure downstream, regardless of the upstream pressure. The check valve allows the free return of the oil.

**Body**: zinc-plated steel. **Internal parts:** hardened and ground steel,
**Seals:** BUNA N standard, **Tightness:** 70 cc/min (350 Bar to port P)

**Applications**: Connect P to the main circuit, the port Reg. to the circuit where you want to reduce pressure and port T to the tank.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0705/000 | VRPRL 3/8" | 3/8" | 30 | 350 | £118.76 | € 160.32 |
| V0707/000 | VRPRL 1/2" | 1/2" | 30 | 350 | £120.33 | € 162.44 |

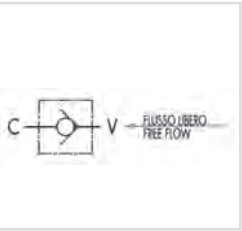
# CHECK VALVES

OLEODINAMICA MARCHESINI

## CHECK VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV59






**USE AND OPERATION**

In the check valve flow is free in one direction and blocked in the reverse one.

**Body**: Zinc-plated steel **Internal parts**: Hardened and ground steel, **Seals**: Buna N standard, **Poppet type**: No leakage

**Applications:** Connect V to the pressure flow and C to the actuator. Flow is free from V to C and blocked in the reverse direction.

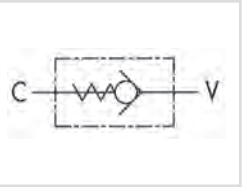
**On Request:**
Different cracking pressures: 1-3-5-8 Bar (Please specify the desired cracking pressure in the product description). Set valve is used to keep a hydraulic system under pressure.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0592 | VU 1/8” | 1/8” | 3 | 350 | +- 0.4 / 0.7 | £10.44 | € 14.10 |
| V0590 | VU 1/4” | 1/4” | 20 | 350 | +- 0.4 / 0.7 | £5.01 | € 6.77 |
| V0600 | VU 3/8” | 3/8” | 45 | 350 | +- 0.4 / 0.7 | £5.38 | € 7.26 |
| V0610 | VU 1/2” | 1/2” | 70 | 350 | +- 0.4 / 0.7 | £7.44 | € 10.04 |
| V0620 | VU 3/4” | 3/4” | 110 | 350 | +- 0.4 / 0.7 | £10.95 | € 14.79 |
| V0630 | VU 1” | 1” | 160 | 350 | +- 0.4 / 0.7 | £12.95 | € 17.49 |
| V0631 | VU 1 1/4” | 1 1/4” | 200 | 350 | +- 0.4 / 0.7 | £32.66 | € 44.09 |
| V0632 | VU 1 1/2” | 1 1/2” | 300 | 350 | +- 0.4 / 0.7 | £47.68 | € 64.38 |

## INTEGRATED CHECK VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV60






**USE AND OPERATION**

In the check valve flow is free in one direction and blocked in the reverse one. Small dimensions and their insert configuration makes these valves ideal for installation into custom designed hydraulic integrated circuit.

**Body:** Zinc-plated steel. **Exterior Tightness:** Through O-Ring seal.

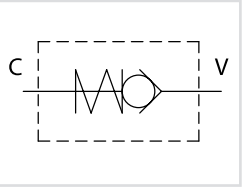
**Applications**: Screw the valve keeping into consideration that flow is free from V to C.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0591 | VUI 1/4” | 1/4” | 20 | 350 | 0.5 | £10.22 | € 13.79 |
| V0601 | VUI 3/8” | 3/8” | 30 | 350 | 0.5 | £11.61 | € 15.68 |
| V0611 | VUI 1/2” | 1/2” | 50 | 350 | 0.5 | £14.75 | € 19.92 |
| V0621 | VUI 3/4” | 3/4” | 80 | 350 | 0.5 | £17.40 | € 23.48 |

## MALE CHECK VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV61






**USE AND OPERATION:**

In the check valves flow is free in one direction and blocked in the reverse one.

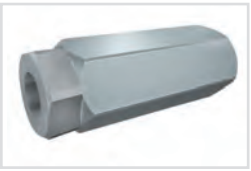
**Body**: zinc-plated steel, **Internal parts**: Hardened and ground steel, **Poppet type**: any leakage

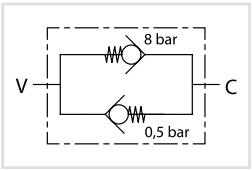
**Applications:** Connect the port V to the pressure flow and the port C to the actuator. Flow is free from V to C and blocked in the reverse direction.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0594/ | VU MM 1/4” | 1/4” | 8 | 350 | £10.50 | € 14.18 |
| V0604/ | VU MM 3/8” | 3/8” | 20 | 350 | £11.47 | € 15.48 |
| V0614/ | VU MM 1/2” | 1/2” | 50 | 350 | £12.63 | € 17.04 |
| V0624/ | VU MM 3/4” | 3/4” | 90 | 350 | £20.04 | € 27.06 |
| V0634/ | VU MM 1” | 1” | 90 | 320 | £29.69 | € 40.08 |
| V0637/ | VU MM 1”1/4 | 1”1/4 | 250 | 320 | £52.68 | € 71.13 |
| V0638/ | VU MM 1”1/2 | 1”1/2 | 300 | 320 | £69.98 | € 94.47 |
| V0639/ | VU MM 2” | 2” | 650 | 320 | £87.58 | € 118.23 |

# BIDIRECTIONAL CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV62






**USE AND OPERATION:**

In the bidirectional check valves flow is controlled in both directions. They are mainly used on presses holding the cylinder and allowing manual movement over 8 Bar in case of emergency.

**Body:** zinc plated steel, **Internal parts:** hardened and ground steel

**Applications:** Connect V or C to the pressure flow according to the adjustment to be obtain.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE V-C BAR | CRACKING PRESSURE C-V BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V0606 | VRC 3/8" | 3/8" | 35 | 350 | 00,4 / 0,75 | 8 | £46.66 | € 62.99 |
| V0616 | VRC 1/2" | 1/2" | 55 | 350 | 0,4 / 0,7 | 8 | £48.77 | € 65.85 |

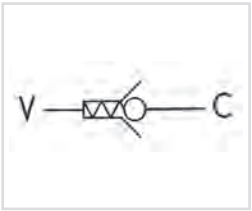
# HOSE BURST VALVES

OLEODINAMICA MARCHESINI

# HOSE BURST VALVES CARTRIDGE

www.flowfitonline.com
TECH. DATA SHEET
CV63






**USE AND OPERATION**

These valves are used to prevent uncontrolled decent of a load in case of hose failure. When it exceeds the setting (reaction flow), the valve blocks the flow.

**Body:** Steel, burnished.

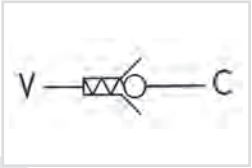
**Applications**: Screw in the valve connecting V to the pressure flow and C to the actuator. Being used with a flow control valve is recommended. system). Hole on the flat (CODE/F, please specify the hole dimension) for a slow load decent with closed valve. Also available with male-female or female-female body for inline mounting.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0770 | VUBA 1/4" | 1/4" | 25 | 350 | £4.26 | € 5.75 |
| V0780 | VUBA 3/8" | 3/8" | 50 | 350 | £4.26 | € 5.75 |
| V0790 | VUBA 1/2" | 1/2" | 80 | 350 | £4.26 | € 5.75 |
| V0800 | VUBA 3/4" | 3/4" | 140 | 350 | £6.44 | € 8.69 |
| V0810 | VUBA 1" | 1" | 180 | 350 | £12.04 | € 16.25 |
| V0770/F | VUBA 1/4" WITH HOLE | 1/4" | 25 | 350 | £8.60 | € 11.60 |
| V0780/F | VUBA 3/8" WITH HOLE | 3/8" | 50 | 350 | £8.82 | € 11.91 |
| V0790/F | VUBA 1/2" WITH HOLE | 1/2" | 80 | 350 | £10.20 | € 13.76 |
| V0800/F | VUBA 3/4" WITH HOLE | 3/4" | 140 | 350 | £12.90 | € 17.41 |
| V0810/F | VUBA 1" WITH HOLE | 1" | 180 | 350 | £19.43 | € 26.22 |

# HOSE BURST VALVES CARTRIDGE WITH FEMALE/FEMALE THREADED BODY

www.flowfitonline.com
TECH. DATA SHEET
CV64



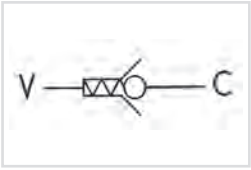



| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0771 | VUBA 1/4" MFF | 1/4" | 25 | 350 | £6.60 | € 8.91 |
| V0781 | VUBA 3/8" MFF | 3/8" | 50 | 350 | £6.71 | € 9.05 |
| V0791 | VUBA 1/2" MFF | 1/2" | 80 | 350 | £7.96 | € 10.75 |
| V0801 | VUBA 3/4" MFF | 3/4" | 140 | 350 | £11.39 | € 15.39 |
| V0811 | VUBA 1" MFF | 1" | 180 | 350 | £22.59 | € 30.50 |
| V0771/F | VUBA 1/4" MFF/ WITH HOLE | 1/4" | 25 | 350 | £11.06 | € 14.93 |
| V0781/F | VUBA 3/8" MFF/ WITH HOLE | 3/8" | 50 | 350 | £11.79 | € 15.92 |
| V0791/F | VUBA 1/2" MFF/ WITH HOLE | 1/2" | 80 | 350 | £14.59 | € 19.70 |
| V0801/F | VUBA 3/4" MFF/ WITH HOLE | 3/4" | 140 | 350 | £17.58 | € 23.73 |
| V0811/F | VUBA 1" MFF/ WITH HOLE | 1" | 180 | 350 | £26.21 | € 35.38 |

# HOSE BURST VALVES CARTRIDGE WITH MALE/FEMALE THREADED BODY

www.flowfitonline.com TECH. DATA SHEET CV65






| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0772 | VUBA 1/4" MMF | 1/4" | 25 | 350 | £6.22 | € 8.40 |
| V0782 | VUBA 3/8" MMF | 3/8" | 50 | 350 | £6.33 | € 8.54 |
| V0792 | VUBA 1/2" MMF | 1/2" | 80 | 350 | £7.52 | € 10.15 |
| V0802 | VUBA 3/4" MMF | 3/4" | 140 | 350 | £10.66 | € 14.39 |
| V0812 | VUBA 1" MMF | 1" | 180 | 350 | £21.33 | € 28.79 |
| V0772/F | VUBA 1/4" MMF/ WITH HOLE | 1/4" | | | £11.06 | € 14.93 |
| V0782/F | VUBA 3/8" MMF/ WITH HOLE | 3/8" | | | £11.79 | € 15.92 |
| V0792/F | VUBA 1/2" MMF/ WITH HOLE | 1/2" | | | £13.79 | € 18.62 |
| V0802/F | VUBA 3/4" MMF/ WITH HOLE | 3/4" | | | £16.60 | € 22.41 |
| V0812/F | VUBA 1" MMF/ WITH HOLE | 1" | | | £24.75 | € 33.42 |

# BODY ONLY - MALE/FEMALE OR FEMALE/FEMALE

www.flowfitonline.com TECH. DATA SHEET CV66



MMF



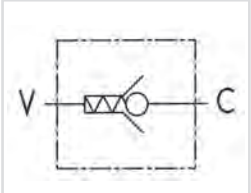
MFF

| CODE | TYPE | BSP PORTS | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| MFF 1/4" | BODY FEMALE/FEMALE 1/4" | 1/4" | £2.32 | € 3.14 |
| MFF 3/8" | BODY FEMALE/FEMALE 3/8" | 3/8" | £2.81 | € 3.80 |
| MFF 1/2" | BODY FEMALE/FEMALE 1/2" | 1/2" | £4.21 | € 5.68 |
| MFF 3/4" | BODY FEMALE/FEMALE 3/4" | 3/4" | £4.44 | € 5.98 |
| MFF 1" | BODY FEMALE/FEMALE 1" | 1" | £6.42 | € 8.66 |
| MMF 1/4" | BODY MALE/FEMALE 1/4" | 1/4" | £2.32 | € 3.14 |
| MMF 3/8" | BODY MALE/FEMALE 3/8" | 3/8" | £2.81 | € 3.80 |
| MMF 1/2" | BODY MALE/FEMALE 1/2" | 1/2" | £4.21 | € 5.68 |
| MMF 3/4" | BODY MALE/FEMALE 3/4" | 3/4" | £4.44 | € 5.98 |
| MMF 1" | BODY MALE/FEMALE 1" | 1" | £6.42 | € 8.66 |

# HOSE BURST VALVE WITH EXTERNAL ADJUSTMENT

www.flowfitonline.com TECH. DATA SHEET CV67






**USE AND OPERATION**

These valves are used to prevent uncontrolled decent of a load in case of hose failure. When it exceeds the setting (reaction flow), the valve blocks the flow. Unlike the standard hose burst valve, it enables external flow adjustment through the knob.

**Body**: Zinc-plated steel. **Internal Components**: Hardened and ground steel. **Tightness:** Ball type.

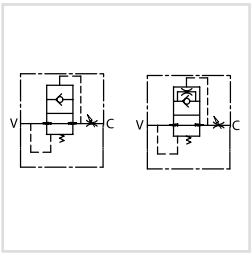
**Applications:** Connect V to the pressure flow and C to the actuator. To adjust flow (1 turn = 15 litre), keep the nut on the valve to prevent oil leakage.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0785 | VUB 3/8" | 3/8" | 40 | 300 | £14.90 | € 20.12 |
| V0795 | VUB 1/2" | 1/2" | 70 | 300 | £15.49 | € 20.91 |

# DIN ADJUSTABLE HOSE BURST VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV68






**USE AND OPERATION:**

These valves are used to prevent uncontrolled descent of a load in case of hose failure. When it exceeds the valve setting (reaction flow), the valve block the flow.

**Body:** zinc-plated steel, **Flat**: burnished steel

**Applications:** Screw in the valve connecting V to the pressure flow and C to the actuator. The use together with a flow control valve is recommended.

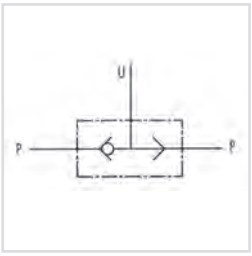
**ON REQUEST:**
• Preset hose bursts available (the reaction flow should be set 1,5 times the rate flow of the system). Please specify flow (lt/min) or distance S (mm) from the flat to the valve • Hole on the flat (CODE/F, please specify hole dimension) for a slow load descent with closed valve

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0784 | VUBA 3/8" DIN T10L | 3/8" | 50 | 350 | £7.23 | € 9.75 |
| V0786 | VUBA 3/8" DIN T12L | 3/8" | 50 | 350 | £7.23 | € 9.75 |
| V0787 | VUBA 3/8" DIN T15L | 3/8" | 50 | 350 | £7.23 | € 9.75 |
| V0794 | VUBA 1/2" DIN T15L | 1/2" | 80 | 350 | £7.62 | € 10.29 |

# SHUTTLE VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV69






**USE AND OPERATION**

This valve is used to select higher pressure between two pressure lines.

**Body:** Zinc-plated steel. **Seal:** BUNA N.
**Tightness:** Ball type.

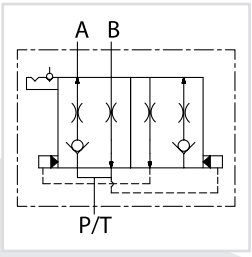
**Applications:** Connect ports P to the 2 lines to select and U to the line to feed.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0666 | VU2P 1/4" | 1/4" | 30 | 450 | £11.70 | € 15.78 |
| V0668 | VU2P 3/8" | 3/8" | 45 | 450 | £13.02 | € 17.59 |
| V0670 | VU2P 1/2" | 1/2" | 70 | 450 | £15.07 | € 20.35 |
| V0680 | VU2P 3/4" | 3/4" | 110 | 350 | £30.40 | € 41.04 |
| V0685 | VU2P 1" | 1" | 150 | 300 | £74.31 | € 100.32 |

# VALVE FOR DRILL

www.flowfitonline.com
TECH. DATA SHEET
CV70






**USE AND OPERATION:**

This type of valve is used on drills to handle the row marker. It allows the automatic ascent/descent inversion of single and double effect actuators, loading and unloading the port P/T.

**Body:** zinc-plated steel, **Internal parts**: hardened and ground steel, **Seals:** BUNA N standard, **Tightness:** minor leakage

**Applications:** Connect P/T to the power and A and B to the actuator.

**ON REQUEST:** The valve can be supplied with:

• 1/4" female adaptation
• Fitting for DIN 12L hose connection

| CODE | TYPE | MAX FLOW L/MIN | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| V1450 | VDFS 3/4" – 16 UNF | 350 | £112.38 | € 142.71 |

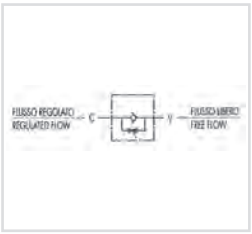
# FLOW REGULATOR VALVES

OLEODINAMICA MARCHESINI

## BARREL FLOW CONTROL VALVES WITH CHECK

www.flowfitonline.com
TECH. DATA SHEET
CV71






**USE AND OPERATION**

This valve is used to adjust flow speed of actuators in one direction; flow is free in reverse one. As pressure compensation is not provided, flow adjustment depends on pressure and oil viscosity.

**Body**: Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals**: Buna N standard, **Tightness:** By diameter combination. Minor leakage with closed valve.

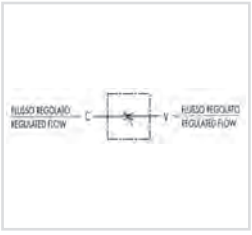
**Applications**: Connect V to the pressure flow and C to the actuator to set. The flow is adjusted from C to V and free in the reverse direction. When used on actuator with double pilot check valve, VRF has to be mounted between the actuator and the double pilot check valve. Flow adjustment is made by rotating the coupling: by clockwise rotation flow increases and vice versa. Once the flow has been set, lock the nut in order to keep the desired settings, even case of vibrations.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0540 | VRF 1/4” | 1/4” | 20 | 300 | 0.5 | £14.60 | € 19.72 |
| V0550 | VRF 3/8” | 3/8” | 45 | 300 | 0.5 | £16.50 | € 22.27 |
| V0560 | VRF 1/2” | 1/2” | 70 | 300 | 0.5 | £21.12 | € 28.52 |
| V0570 | VRF 3/4” | 3/4” | 110 | 250 | 0.5 | £30.78 | € 41.55 |
| V0580 | VRF 1” | 1” | 160 | 250 | 0.5 | £46.52 | € 62.80 |

## BARREL FLOW CONTROL VALVES NO CHECK

www.flowfitonline.com
TECH. DATA SHEET
CV72






**USE AND OPERATION**

This valve is used to adjust flow speed of actuators in both directions.
As pressure compensation is not provided, flow adjustment depends on pressure and oil viscosity.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** By diameter combination. Minor leakage with closed valve.

**Applications:** Connect V to the pressure flow and C to the actuator to set; when used on an actuator with double pilot check, VRB has to be mounted between the actuator and the double pilot check valve. Flow adjustment is made by rotating the coupling: by clockwise rotation flow increases and vice versa. Once the flow has been set, lock the nut in order to keep the desired settings even in case of vibrations.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0545 | VRB 1/4” | 1/4” | 20 | 300 | £12.79 | € 17.27 |
| V0555 | VRB 3/8” | 3/8” | 45 | 300 | £13.33 | € 17.99 |
| V0565 | VRB 1/2” | 1/2” | 70 | 300 | £15.90 | € 21.46 |
| V0575 | VRB 3/4” | 3/4” | 110 | 250 | £31.69 | € 42.77 |
| V0585 | VRB 1” | 1” | 160 | 250 | £56.42 | € 76.16 |



# FIXED SETTING THROTTLE CHECK VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV73






**USE AND OPERATION**

Flow is free in one direction and fixed in the reverse one. Flow is fixed as flow adjustment depends on the throttling hole diameter.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Poppet type:** Standard

**Applications**: Connect V to the pressure flow and C to the actuator. Flow is free from V to C and fixed in the reverse one. Throttling is obtained through one or two calibrated holes, the diameter of which has to be specified in the order.

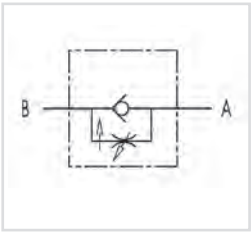
**On Request:**
Other settings available: 1-3-5-8 Bar ( please specify in the description the desired setting).

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0590/1F | VUSF 1/4" WITH 1 HOLE | 1/4" | 20 | 350 | +- 0.4 / 0.7 | £6.09 | € 8.22 |
| V0600/1F | VUSF 3/8" WITH 1 HOLE | 3/8" | 45 | 350 | +- 0.4 / 0.7 | £6.59 | € 8.90 |
| V0610/1F | VUSF 1/2" WITH 1 HOLE | 1/2" | 70 | 350 | +- 0.4 / 0.7 | £8.87 | € 11.97 |
| V0620/1F | VUSF 3/4" WITH 1 HOLE | 3/4" | 110 | 350 | +- 0.4 / 0.7 | £12.82 | € 17.30 |
| V0630/1F | VUSF 1" WITH 1 HOLE | 1" | 160 | 350 | +- 0.4 / 0.7 | £14.99 | € 20.24 |
| V0631/1F | VUSF 1 1/4" WITH 1 HOLE | 1 1/4" | 200 | 350 | 1 | £51.96 | € 70.15 |
| V0632/1F | VUSF 1 1/2" WITH 1 HOLE | 1 1/2" | 300 | 350 | 1 | £69.97 | € 94.46 |
| V0590/2F | VUSF 1/4" WITH 2 HOLES | 1/4" | 20 | 350 | +- 0.4 / 0.7 | £6.24 | € 8.42 |
| V0600/2F | VUSF 3/8" WITH 2 HOLES | 3/8" | 45 | 350 | +- 0.4 / 0.7 | £6.81 | € 9.20 |
| V0610/2F | VUSF 1/2" WITH 2 HOLES | 1/2" | 70 | 350 | +- 0.4 / 0.7 | £9.06 | € 12.24 |
| V0620/2F | VUSF 3/4" WITH 2 HOLES | 3/4" | 110 | 350 | +- 0.4 / 0.7 | £13.17 | € 17.78 |
| V0630/2F | VUSF 1" WITH 2 HOLES | 1" | 160 | 350 | +- 0.4 / 0.7 | £15.48 | € 20.90 |
| V0631/2F | VUSF 1 1/4" WITH 2 HOLES | 1 1/4" | 200 | 350 | 1 | £53.48 | € 72.20 |
| V0632/2F | VUSF 1 1/2" WITH 2 HOLES | 1 1/2" | 300 | 350 | 1 | £72.01 | € 97.21 |

# 90° PRESSURE COMPENSATED 90° FLOW REGULATOR VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV74






**USE AND OPERATION**

This valve is used to adjust flow speed of actuators in one direction; flow is free in the reverse one. The internal compensation system allows to keep a constant speed even when the load varies. High adjustment sensitivity.

**Body**: Zinc-plated steel **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard, **Tightness:** Needle type

**Applications:** Connect A to the pressure flow and B to the actuator to set; flow is adjusted from B to A and is free in the reverse direction. Flow adjustment is made by rotating the plastic hand knob after loosening the side locking screw. This particular configuration allows an accurate and sensitive adjustment.

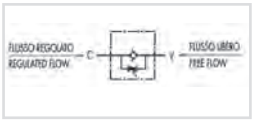
| CODE | TYPE | BSP PORTS | MAX FLOW FROM A TO B L/MIN | MAX FLOW FROM B TO A L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0581/C | VRFU 90° 1/4" PCFCV | 1/4" | 15 | 25 | 250 | £46.52 | € 62.80 |
| V0582/C | VRFU 90° 3/8" PCFCV | 3/8" | 15 | 25 | 250 | £47.23 | € 63.76 |
| V0583/C | VRFU 90° 1/2" PCFCV | 1/2" | 30 | 45 | 250 | £71.57 | € 96.62 |

FOR SALES & ADVICE CALL US 01584 876033

# FLOW REGULATOR VALVES WITH CHECK

www.flowfitonline.com
TECH. DATA SHEET
CV75








**USE AND OPERATION**

This valve is used to adjust flow speed of actuators in one direction; flow is free in the reverse one. As pressure compensation is not provided, flow adjustment depends on pressure and fluid viscosity. High adjustment sensitivity.

**Body**: Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** Needle type, Minor leakage with closed valve.

**Applications:** Connect V to the pressure flow and C to the actuator to set; flow is adjusted from C to V and is free in the reverse direction. When used on actuator with double pilot check valve, VRFU has to be mounted between the actuator and the double pilot check valve. Flow adjustment is made by rotating the aluminium hand knob after loosening the side locking screw. This configuration allows an accurate and sensitive adjustment.

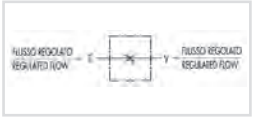
| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | CRACKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V0581 | VRFU 1/4” | 1/4” | 15 | 350 | 0.5 | £20.63 | € 27.84 |
| V0582 | VRFU 3/8” | 3/8” | 30 | 350 | 0.5 | £23.10 | € 31.18 |
| V0583 | VRFU 1/2” | 1/2” | 50 | 350 | 0.5 | £29.02 | € 39.17 |
| V0588 | VRFU 3/4” | 3/4” | 60 | 280 | 0.5 | £52.65 | € 71.07 |
| V0576 | VRFU 1” | 1” | 80 | 250 | 0.5 | £85.75 | € 115.77 |

| CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| DAD090 | Locking Nut to suit V0581/V0582/V0583 | £2.14 | € 2.89 |

# FLOW CONTROL VALVES WITHOUT CHECK

www.flowfitonline.com
TECH. DATA SHEET
CV76








**USE AND OPERATION**

This valve is used to adjust flow speed of actuators in both directions. As pressure compensation is not provided, flow adjustment depends on pressure and fluid viscosity. High adjustment sensitivity.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals**: Buna N standard, **Tightness:** Needle type, Minor leakage with closed valve.

**Applications**: Connect a port to the pressure. Flow will be adjusted in the other one. When used on actuator with double pilot check valve, VRFB has to be mounted between the actuator and the double pilot check valve. Flow adjustment is made by rotating the aluminium hand knob after loosening the side locking screw. This particular configuration allows an accurate and sensitive adjustment.

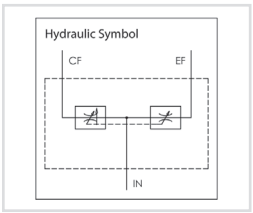
| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0584 | VRFB 1/4” | 1/4” | 15 | 350 | £15.68 | € 21.17 |
| V0586 | VRFB 3/8” | 3/8” | 30 | 350 | £21.05 | € 28.41 |
| V0587 | VRFB 1/2” | 1/2” | 50 | 350 | £22.72 | € 30.68 |
| V0589 | VRFB 3/4” | 3/4” | 80 | 280 | £42.99 | € 58.04 |
| V0577 | VRFB 1” | 1” | 80 | 250 | £89.99 | € 121.48 |

| CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| DAD090 | Locking Nut to suit V0584/86/87/89 | £2.14 | € 2.89 |

# HYDRAULIC 3 PORT PRESSURE COMPENSATED ADJUSTABLE FLOW CONTROL

www.flowfitonline.com
TECH. DATA SHEET
CV77






The Flowfit hydraulic 3 port adjustable flow control valve will start or stop a hydraulic cylinder or hydraulic motor and vary speed over a wide range. Once the flow control lever has been positioned a constant speed will be maintained.

Excess flow is returned to tank or used to power another function via port 'ef'.
In = input flow, cf = controlled flow
and ef = excess flow

The flow control valve is pressure compensated to maintain a constant output flow despite pressure changes on the controlled flow or excess flow line or load variations.

**SPECIFICATIONS**

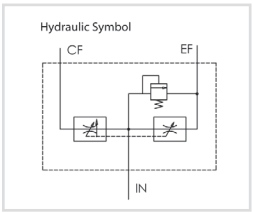
- 3000 Psi Max Operating Pressure
- Max Flow Capacity: 30gpm / 114l/Min
- Side Port Configuration
- Once Set, Maintains Constant Speed Regardless Of Load Variation
- Excess Flow Is Returned To Tank Or Used To Power Another Function
- All Ports 3/4" Bsp
- Plugging 'Ef' Excess Flow Port Allows Use With Pressure Compensated Pumps
- Both Outlets Are Pressure Compensated

| PART NUMBER | DESCRIPTION | PORT SIZE | FLOW RANGE | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| ZZ005422 | 3/4" 3 PORT FLOW CONTROL | 3/4" BSP | 0-30 GPM | £58.95 | € 79.57 |

# HYDRAULIC 3 PORT PRESSURE COMPENSATED ADJUSTABLE FLOW CONTROL C/W RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV78






The Flowfit hydraulic 3 port adjustable flow control valve will start or stop a hydraulic cylinder or hydraulic motor and vary speed over a wide range. Once the flow control lever has been positioned a constant speed will be maintained.

Excess flow is returned to tank only via port 'ef'.
In = input flow, cf = controlled flow
and ef = excess flow

The flow control valve is pressure compensated to maintain a constant output flow despite pressure changes on the controlled flow 'CF' port.

**SPECIFICATIONS**

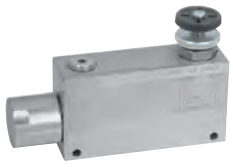
- 3000 Psi Max Operating Pressure
- Max Flow Capacity: 30gpm / 114l/Min
- Side Port Configuration
- Once Set, Maintains Constant Speed Regardless Of Load Variation
- Excess Flow Is Returned To Tank Only
- All Ports 3/4" Bsp
- Plugging 'Ef' Excess Flow Port Allows Use With Pressure Compensated Pumps
- Adjustable Relief Preset At 2500psi
- Relief Valve Adjustable 1000 To 3000psi

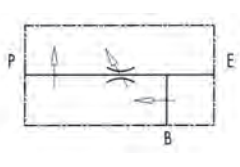
| PART NUMBER | DESCRIPTION | PORT SIZE | FLOW RANGE | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| ZZ005423 | 3/4" 3 PORT FLOW CONTROL C/W RV | 3/4" BSP | 0-30 GPM | £58.95 | € 79.57 |



# 3 PORT FLOW CONTROL VALVE WITH ONGOING PRESSURE LINE

www.flowfitonline.com
TECH. DATA SHEET
CV79






**USE AND OPERATION**

This valve enables to keep "P" flow constant to a certain setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained in "B" and it is available for a second use. Also port "B" is insensitive to pressure changes, but not to flow changes.

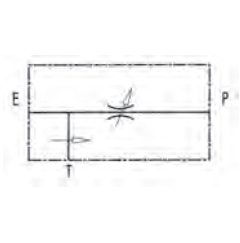
**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** By diameter combination. Minor leakage (few drops per minute) is needed. Connect B to the tank or to a second actuator. To adjust inlet pressure in P screw in or out, hand wheel, after loosening the locknut.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX ADJUSTED FLOW | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V1060 | VRP3 3/8" | 3/8" | 50 | 40 | 250 | £90.18 | € 121.74 |
| V1070 | VRP3 1/2" | 1/2" | 85 | 60 | 250 | £90.96 | € 122.80 |
| V1080 | VPR 3/4" | 3/4" | 150 | 90 | 210 | £157.44 | € 212.55 |
| V1090 | VPR 1" | 1" | 250 | 150 | 210 | £191.79 | € 258.91 |

# 3 PORT FLOW CONTROL VALVE WITH EXCESS BACK TO TANK

www.flowfitonline.com
TECH. DATA SHEET
CV80






**USE AND OPERATION**

This valve enables to keep "P" flow constant to a certain setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained directly in T (tank).

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals**: Buna N standard, **Tightness:** By diameter combination. Minor leakage (few drops per minute)

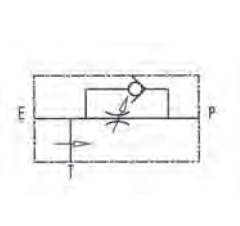
**Applications**: Connect E to the pressure and P to the line where flow adjustment is needed.. Connect T to the tank. To adjust inlet pressure in P screw in or out, hand wheel, after loosening the locknut.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX ADJUSTED FLOW | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V1110 | RFP3 3/8" | 3/8" | 50 | 30 | 250 | £79.68 | € 107.58 |
| V1120 | RFP 1/2" | 1/2" | 85 | 50 | 250 | £84.12 | € 113.56 |
| V9999 | VCF.BC.3/2A06B | 3/4" | 150 | 90 | 210 | £179.45 | € 242.27 |

# 3 PORT FLOW CONTROL VALVE WITH EXCESS TO TANK WITH CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV81






**USE AND OPERATION**

This valve enables to keep "P" flow constant to a certain setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained directly in T (tank). The check valve allows those applications where we require the return of the free flow.

**Body**: Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** By diameter combination. Minor leakage (few drops per minute)

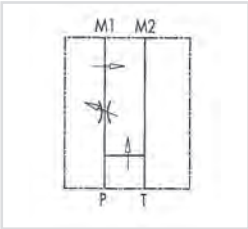
**Applications:** Connect E to the pressure and P to the line where flow adjustment is needed. Connect T to the tank. To adjust inlet pressure in P screw in or out, hand wheel, after loosening the locknut.

| CODE | TYPE | BSP PORTS | MAX INLET FLOW L/MIN | MAX ADJUSTED FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V1110/VU | RFP3 3/8" c/VU | 3/8" | 50 | 30 | 350 | £98.13 | € 132.47 |
| V1120/VU | RFP3 1/2" c/VU | 1/2" | 85 | 50 | 350 | £98.90 | € 133.51 |

# 3 PORT FLOW CONTROL VALVE EXCESS TO TANK FLANGEABLE ON DANFOSS MOTORS OMP/OMR

www.flowfitonline.com
TECH. DATA SHEET
CV82






**USE AND OPERATION**

This valve enables to keep "P" flow constant to a certian setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained directly in T (tank).

**Body**: zinc-plated steel, **Internal parts:** Hardened and ground steel, **Seals**: Buna N standard, **Tightness**: By diameter combination. Minor leakage (few drops per minute)

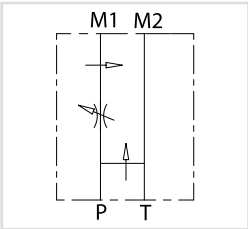
**Applications**: Connect M1 and M2 to the motor and P and T to the pressure.

| PART NO. | TYPE | BSP PORTS | MAX INLET FLOW | MAX ADJUSTED FLOW | MAX PRESSURE (BAR) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V1121 | RFP3 1/2" OMP/OMR | 1/2" | 50 L/MIN | 30 L/MIN | 350 | £89.14 | € 120.34 |

# 3 PORT FLOW CONTROL VALVE EXCESS TO TANK FLANGEABLE ON DANFOSS MOTORS OMS

www.flowfitonline.com
TECH. DATA SHEET
CV83






**USE AND OPERATION:**

This valve enables to keep "P" flow constant to a certain setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained directly in T (tank).

**Body:** zinc-plated steel, **Internal parts:** hardened and ground steel, **Seals**: BUNA N standard, **Tightness**: by diameter combination. Minor leakage (few drops per minute)

**Applications:** Connect M1 and M2 to the motor and P and T to the pressure.

| PART NO. | TYPE | BSP PORTS | MAX INLET FLOW | MAX ADJUSTED FLOW | MAX PRESSURE (BAR) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V1122 | RFP3 1/2" OMS | 1/2" | 50 | 30 | 350 | £92.24 | € 124.52 |

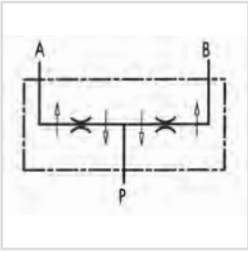
# FLOW DIVIDERS

OLEODINAMICA MARCHESINI

## 2 WAY FLOW DIVIDER

www.flowfitonline.com
TECH. DATA SHEET
CV84






**USE AND OPERATION**

These valves allow the division of inlet flow into two equal parts (50/50) and they unify in the reverse direction, independently of ant pressure changes and flow. These valves are used when two equal actuators, that are not mechanically coupled, supplied by the same pump and controlled by a single distributor, must move simultaneously both at input and output.

**Body:** cast iron / steel. **Internal Parts:** Hardened and ground steel. **Seals:** BUNA N standard and Teflon. **Tightness**: By diameter combination. Cylinder stroke error tolerance of 2%. Any synchronisation differences are compensated by the terminal position of the stroke.

**Applications:** Connect P to the pressure flow and A and B to the actuators.

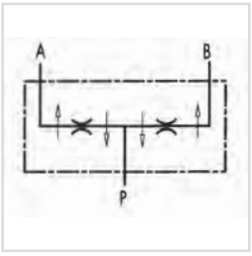
| CODE | TYPE | BSP PORTS | MIN. FLOW * L/MIN | MAX. FLOW * L/MIN | WORKING PRESS. BAR | PEAK PRESS. BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| V1001 | V-EQ 8 | 3/8" | 1 | 3 | 250 | 300 | £148.40 | € 200.35 |
| V1000 | V-EQ 10 | 3/8" | 3 | 6 | 250 | 300 | £137.65 | € 185.82 |
| V1002 | V-EQ 15 | 3/8" | 6 | 10 | 250 | 300 | £137.65 | € 185.82 |
| V1003 | V-EQ 20 | 3/8" | 10 | 20 | 250 | 300 | £137.65 | € 185.82 |
| V1004 | V-EQ 22 | 3/8" | 20 | 32 | 250 | 300 | £137.65 | € 185.82 |
| V1005 | V-EQ 25 | 1/2" | 25 | 40 | 250 | 300 | £139.47 | € 188.29 |
| V1006 | V-EQ 30 | 1/2" | 40 | 60 | 250 | 300 | £139.47 | € 188.29 |
| V1007 | V-EQ 50 | 1/2" | 60 | 80 | 250 | 300 | £148.40 | € 200.35 |

* = Capacity values refers to input P

# STEEL FLOW DIVIDERS

www.flowfitonline.com
TECH. DATA SHEET
CV85






**USE AND OPERATION**

These valves allow the division of inlet flow into two equal parts (50/50) and they unify in the reverse direction, irrespective of any pressure differences and flow. These valves are used when two equal actuators, that are not mechanically coupled, supplied by the same pump and controlled by a single distributor, must move simultaneously both at input and output.

**Body:** Zinc plated steel. **Internal Parts**: Hardened and ground steel. **Seals**: BUNA N standard and Teflon.
**Tightness:** By diameter combination. Minor leakage

**Applications:** Connect P to the pressure flow and A and B to the actuators.

| CODE | TYPE | BSP PORTS | | MIN FLOW L/MIN | WORKING PRESSURE BAR | PEAK PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | P | A+B | | | | £ STERLING | € EUROS |
| V1022 | DFL6-10 | 3/8” | 3/8” | 10 | 250 | 300 | £105.20 | € 142.02 |
| V1023 | DFL10-20 | 3/8” | 3/8” | 20 | 250 | 300 | £105.20 | € 142.02 |
| V1025 | DFL25-40 | 1/2” | 3/8” | 40 | 250 | 300 | £105.20 | € 142.02 |

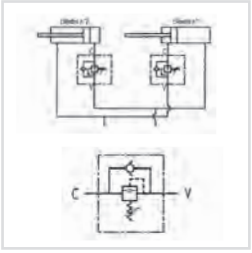
# SEQUENCE VALVES

OLEODINAMICA MARCHESINI

# DIRECT ACTING SEQUENCE VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV86






**USE AND OPERATION**

Sequence valve is used to feed 2 cylinders in sequence: it provides flow to the secondary circuit when a primary circuit function has been completed reaching the pressure setting. Return flow is free. It’s ideal for circuit with low pressure on the secondary actuator as the pressure adds to it.

**Body**: Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals**: Buna N standard, **Tightness**: Minor leakage.

**Applications:** For use with 2 actuators, follow the mounting instructions indicated in the scheme. For different uses, mount the valve keeping consideration that, when the valve reaches the setting pressure, the flow goes from V towards C, whilst flow is free from C to V.

**On Request:**

Different setting range (see the table). Other settings available (CODE/T: please specify the desired setting)

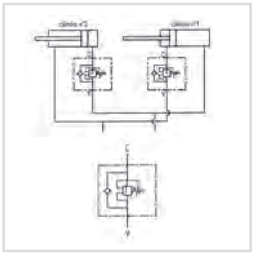
| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0640 | VS2C 3/8” | 3/8” | 35 | 350 | £36.00 | € 48.59 |
| V0660 | VS2C 1/2” | 1/2” | 70 | 350 | £36.00 | € 48.59 |
| V0665 | VS2C 3/4” | 3/4” | 110 | 350 | £84.62 | € 114.23 |
| V0640/T | VS2C 3/8” PRESSURE PRESET | 3/8” | 35 | 350 | £33.62 | € 45.39 |
| V0660/T | VS2C 1/2” PRESSURE PRESET | 1/2” | 70 | 350 | £40.28 | € 54.38 |
| V0665/T | VS2C 3/4” PRESSURE PRESET | 3/4” | 110 | 350 | £85.74 | € 115.75 |
| V0640/V | VS2C 3/8” HANDKNOB | 3/8” | 35 | 350 | £34.75 | € 46.93 |
| V0660/V | VS2C 1/2” HANDKNOB | 1/2” | 70 | 350 | £41.48 | € 56.00 |
| V0665/V | VS2C 3/4” HANDKNOB | 3/4” | 110 | 350 | £86.89 | € 117.30 |
| V0640/P | VS2C 3/8” SEALING CAP | 3/8” | 35 | 350 | £35.33 | € 47.69 |
| V0660/P | VS2C 1/2” SEALING CAP | 1/2” | 70 | 350 | £42.06 | € 56.79 |
| V0665/P | VS2C 3/4” SEALING CAP | 3/4” | 110 | 350 | £87.44 | € 118.03 |

| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE( BAR/TURN) Q = 4 L/M | STANDARD SETTING BAR |
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 (Standard) | 30 | 90 |
| 50 - 250 | 45 | 130 |
| 80 - 300 | 50 | 150 |
| **SETTING RANGE BAR** | **PRESSURE INCREASE( BAR/TURN) Q = 4 L/M** | **STANDARD SETTING BAR** |
| 20-200 | 40 | 160 |
| 50-400 (Standard) | 80 | 180 |

# SEQUENCE VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV87





### USE AND OPERATION

Sequence valve is used to feed 2 cylinders in sequence: it provides flow to the secondary circuit when a primary circuit function has been completed reaching the pressure setting. Return flow is free. Being insensitive to back pressures, it allows to use the circuit pressure to control both the actuators.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness**: Minor leakage.

**Applications**: For use with 2 actuators, follow the mounting instructions indicated in the scheme. For different uses, mount the valve keeping consideration that, when the valve reaches the setting pressure, the flow goes from V towards C, whilst flow is free from C to V.

**On Request:**
Different setting range (see the table). Other settings available (CODE/T: please specify the desired setting)

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0642 | VSQAPP 3/8" | 3/8" | 35 | 250 | £45.66 | € 61.65 |
| V0662 | VSQAPP 1/2" | 1/2" | 70 | 250 | £53.19 | € 71.80 |
| V0642/T | VSQAPP 3/8" PRESSURE PRESET | 3/8" | 35 | 250 | £46.90 | € 63.32 |
| V0662/T | VSQAPP 1/2" PRESSURE PRESET | 1/2" | 70 | 250 | £54.46 | € 73.53 |
| V0642/V | VSQAPP 3/8" HANDKNOB | 3/8" | 35 | 250 | £48.07 | € 64.90 |
| V0662/V | VSQAPP 1/2" HANDKNOB | 1/2" | 70 | 250 | £55.63 | € 75.10 |
| V0642/P | VSQAPP 3/8" SEALING CAP | 3/8" | 35 | 250 | £48.66 | € 65.69 |
| V0662/P | VSQAPP 1/2" SEALING CAP | 1/2" | 70 | 250 | £56.18 | € 75.84 |

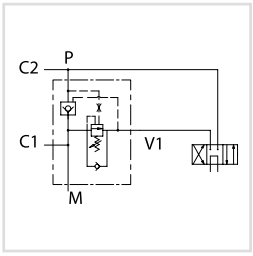
| SPRINGS | | |
|---|---|---|
| SETTING RANGE BAR | PRESSURE INCREASE (BAR/TURN) Q = 4 L/M | STANDARD SETTING BAR |
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 (Standard) | 30 | 90 |
| 50 - 250 | 45 | 130 |
| 80 - 300 | 50 | 150 |

* = For setting less than 70 Bar Q = 12 l/m

# REGENERATIVE VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV88






### USE AND OPERATION:

This valve allows to recover the oil from the rod to port C1 and to send it to the bottom valve through the port P, adding it to the pomp flow rate. When the pressure in the bottom valve of the cylinder achieves the setting value, oil from the rod is sent to the tank through port V1, restoring a non-regenerative system with maximum thrust. The exclusion pressure of the regenerative depends only on the pressure in the bottom valve of the cylinder.

**Body:** zinc-plated steel. **Internal parts:** hardened and ground steel. **Seals**: BUNA N standard. **Tightness:** minor leakage

**Applications:** Connect C1 to the cylinder stem, V1 tothe pressure flow, P to the cylinder bottom valve and to the pressure flow at the same time, M to the manometer if there is.

| CODE | TYPE | BSP PORTS | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V1220 | VRSP 1/2" | 1/2" | 1:4,5 | 60 | 60 – 350 | £93.30 | € 125.96 |
| V1230 | VRSP 3/4" | 3/4" | 1:5,5 | 95 | 60 – 350 | £119.80 | € 161.74 |

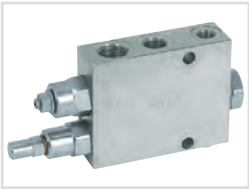
FOR SALES & ADVICE CALL US 01584 876033

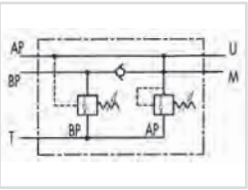
# TWO PUMP "HI-LOW" UNLOADING VALVES

OLEODINAMICA MARCHESINI

## TWO PUMP "HI - LOW" UNLOADING VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV89






**USE AND OPERATION**

This valve is used in a 2 parallel-working pumps circuit in order to release the excess of the higher flow pump to the tank when this gets the required pressure setting. Since this moment and on, the actuator works with the lower flow pump at higher pressure, consuming less energy.

**Body**: Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals**: Buna N standard, **Tightness:** Minor leakage.

**Applications**: Connect BP to the higher flow pump, AP to the lower flow pump, T to the tank, M to the eventual manometer and U as for necessity.

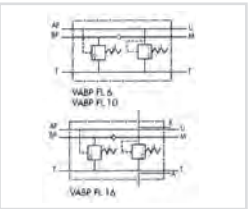
| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | | | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | AP | BP | T | | | |
| | | | | | | | £ STERLING | € EUROS |
| V0512 | VABP 3/8" | 3/8" | 15 | 30 | 40 | 350 | £116.81 | € 157.70 |
| V0513 | VABP 1/2" | 1/2" | 25 | 45 | 65 | 350 | £161.19 | € 217.60 |
| V0514 | VABP 3/4" | 3/4" | 30 | 80 | 100 | 350 | £166.54 | € 224.82 |

| STANDARD SPRINGS | | |
|---|---|---|
| VALVE | BP (BAR) | AP (BAR) |
| VABP 3/8" | 20-120 | 50-350 |
| VABP 1/2" | 20-120 | 50-350 |
| VABP 3/4" | 20-100 | 50-330 |

## TWO PUMP "HI-LOW" UNLOADING VALVES FLANGEABLE (BASE NG6-NG10 AND NG16

www.flowfitonline.com
TECH. DATA SHEET
CV90






**USE AND OPERATION**

This valve is used in a 2 parallel-working pumps circuit in order to release the excess of the higher flow pumps to the tank when this gets the required pressure setting. Since this moment and on, the actuator works with the lower flow pumps at higher pressure, consuming less energy. It is ideal for direct flange-mounting on solenoid valves.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** Minor leakage.

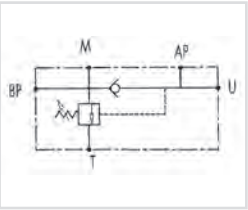
**Applications**: Fix the valve to the pressure flow by connecting BP to the higher flow pumps, AP to the lower flow pumps, T to the tank and M to the eventual manometer. Flange the solenoid valve to the VABP and connect A and B to the actuator.

| CODE | TYPE | MAX FLOW L/MIN | | | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | AP | BP | T | | | |
| | | | | | | £ STERLING | € EUROS |
| V0518 | VABP FL 6 NG6 | 15 | 30 | 40 | 350 | £174.88 | € 236.10 |
| V0515 | VABP FL 10 NG10 | 20 | 45 | 60 | 350 | £193.42 | € 261.11 |
| V0516 | VABP FL 16 NG16 | 35 | 80 | 100 | 350 | £376.09 | € 507.72 |

## TWO PUMP "HI-LOW" UNLOADING VALVES FLANGEABLE ON LOW-PRESSURE PUMP

www.flowfitonline.com
TECH. DATA SHEET
CV91






**USE AND OPERATION**

This valve is used in a 2 parallel-working pumps circuit in order to release the excess of the higher flow pump to tank when this gets the required pressure setting. Since this moment and on the actuator works with the lower flow pumps at higher pressure, consuming less energy. This valve is designed for direct flanging on lower flow pump. To adjust the high pressure, you have to mount an inline relief valve.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** Minor leakage.

**Applications:** Connect BP to the higher flow pump, AP to the lower flow pump, T to the tank, M to the eventual manometer and U as for necessity.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | | | MAX PRESSURE | | MAX PRESSURE BAR | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | AP | BP | T | AP | BP | | | | |
| | | | | | | | | | | £ STERLING | € EUROS |
| V0517 | VEP FLP 1/2" | 1/2" | 15 | 45 | 55 | 350 | 80 | 350 | 2.5 | £72.62 | € 98.04 |

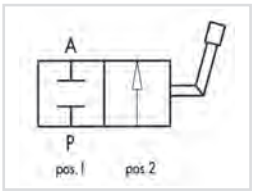
# HIGH PRESSURE BALL VALVES

OLEODINAMICA MARCHESINI

## 2 WAY BALL VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV92






**USE AND OPERATION**

These valves are used to open or close oil flow in a circuit even with maximum pressure.

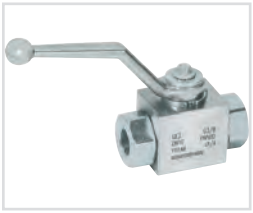
**Body**: Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard and POM seals, **Tightness:** No leakage.

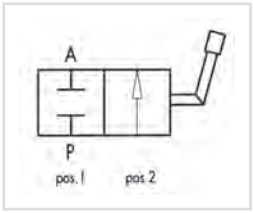
**Applications:** Connect either A or P to the ports where flow has to be blocked. Flow is blocked with lever at 90 deg (position 1) and free with lever in line (position 2). On Request: Fixing holes (CODE / FF).

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | DIN/ISO 228 BSP FEMALE CONNECTION | | | | £ STERLING | € EUROS |
| V0830 | RS 2 VIE 1/4" | 1/4" | 25 | 500 | £9.49 | € 12.81 |
| V0840 | RS 2 VIE 3/8" | 3/8" | 35 | 500 | £10.95 | € 14.79 |
| V0850 | RS 2 VIE 1/2" | 1/2" | 60 | 500 | £12.01 | € 16.21 |
| V0860 | RS 2 VIE 3/4" | 3/4" | 100 | 400 | £30.66 | € 41.40 |
| V0870 | RS 2 VIE 1" | 1" | 180 | 350 | £38.50 | € 51.97 |
| V0871 | RS 2 VIE 1 1/4" | 1 1/4" | 180 | 350 | £38.47 | € 51.93 |
| V0874 | RS 2 VIE 1 1/2" | 1 1/2" | 180 | 350 | £41.52 | € 56.04 |

## 2 WAY BALL VALVES WITH FIXING HOLES

www.flowfitonline.com
TECH. DATA SHEET
CV92





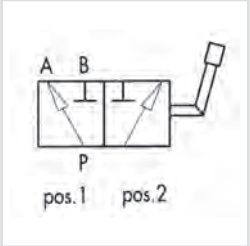

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0830/FF | RS 2 VIE 1/4" FF | 1/4" | 25 | 500 | £15.35 | € 20.71 |
| V0840/FF | RS 2 VIE 3/8" FF | 3/8" | 35 | 500 | £16.51 | € 22.29 |
| V0850/FF | RS 2 VIE 1/2" FF | 1/2" | 60 | 500 | £18.05 | € 24.35 |
| V0860/FF | RS 2 VIE 3/4" FF | 3/4" | 100 | 400 | £36.63 | € 49.45 |
| V0870/FF | RS 2 VIE 1" FF | 1" | 180 | 350 | £40.14 | € 54.19 |
| V0871/FF | RS 2 VIE 1 1/4" FF | 1 1/4" | 180 | 350 | £52.32 | € 70.62 |
| V0874/FF | RS 2 VIE 1 1/2" FF | 1 1/2" | 180 | 350 | £56.85 | € 76.74 |

| CODE | TYPE | PORTS METRIC | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | DIN 2353 LIGHT SERIES CONNECTION | | | | £ STERLING | € EUROS |
| RS2-6L | RS 2 VIE M12X1.5 | M12X1.5 | 25 | 500 | £5.69 | € 7.69 |
| RS2-8L | RS 2 VIE M14X1.5 | M14X1.5 | 25 | 500 | £5.69 | € 7.69 |
| RS2-10L | RS 2 VIE M16X1.5 | M16X1.5 | 25 | 500 | £5.69 | € 7.69 |
| RS2-12L | RS 2 VIE M18X1.5 | M18X1.5 | 35 | 500 | £13.38 | € 18.07 |
| RS2-15L | RS 2 VIE M22X1.5 | M22X1.5 | 35 | 500 | £14.97 | € 20.21 |
| RS2-18L | RS 2 VIE M26X1.5 | M26X1.5 | 60 | 500 | £14.97 | € 20.21 |
| RS2-22L | RS 2 VIE M30X2 | M30X2 | 60 | 500 | £30.66 | € 41.40 |
| RS2-28L | RS 2 VIE M36X2 | M36X2 | 100 | 350 | £40.58 | € 54.78 |
| RS2-35L | RS 2 VIE M45X2 | M45X2 | 180 | 350 | £90.09 | € 121.63 |
| RS2-42L | RS 2 VIE M52X2 | M52X2 | 180 | 350 | £90.09 | € 121.63 |

# 3 WAY BALL VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV93






**USE AND OPERATION**

These valves are used to divert the inlet flow towards 2 alternate ports ("L" configuration)

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals**: Buna N standard and POM seals, **Tightness:** No leakage.

**Applications:** Connect P to the pressure flow, A and B to the circuit ports where the flow has to be diverted to. With the lever at 90 deg. Flow is connected to port A (position 1), with lever in line flow is connected to port B (position 2).

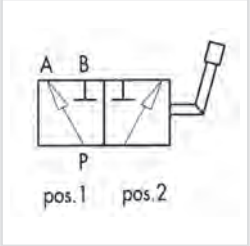
**On Request:**
Fixing holes (CODE / FF).

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | DIN/ISO 228 BSP FEMALE CONNECTION | | | | £ STERLING | € EUROS |
| V0832 | RS 3 VIE 1/4" | 1/4" | 25 | 500 | £23.30 | € 31.45 |
| V0842 | RS 3 VIE 3/8" | 3/8" | 35 | 500 | £23.30 | € 31.45 |
| V0852 | RS 3 VIE 1/2" | 1/2" | 60 | 500 | £26.56 | € 35.86 |
| V0862 | RS 3 VIE 3/4" | 3/4" | 100 | 400 | £43.21 | € 58.33 |
| V0872 | RS 3 VIE 1" | 1" | 180 | 350 | £52.69 | € 71.14 |
| V0873 | RS 3 VIE 1 1/4" | 1 1/4" | 180 | 350 | £68.57 | € 92.58 |
| V0875 | RS 3 VIE 1 1/2" | 1 1/2" | 180 | 350 | £84.84 | € 114.54 |

# 3 WAY BALL VALVES WITH FIXING HOLES

www.flowfitonline.com
TECH. DATA SHEET
CV93









| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0832/FF | RS 3 VIE 1/4" FF | 1/4" | 25 | 500 | £31.88 | € 43.04 |
| V0842/FF | RS 3 VIE 3/8" FF | 3/8" | 35 | 500 | £32.58 | € 43.98 |
| V0852/FF | RS 3 VIE 1/2" FF | 1/2" | 60 | 500 | £33.71 | € 45.50 |
| V0862/FF | RS 3 VIE 3/4" FF | 3/4" | 100 | 400 | £54.06 | € 73.00 |
| V0872/FF | RS 3 VIE 1" FF | 1" | 180 | 350 | £56.18 | € 75.84 |
| V0873/FF | RS 3 VIE 1 1/4" FF | 1 1/4" | 180 | 350 | £71.67 | € 96.76 |
| V0875/FF | RS 3 VIE 1 1/2" FF | 1 1/2" | 180 | 350 | £87.64 | € 118.32 |

| CODE | TYPE | METRIC PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | DIN 2353 LIGHT SERIES CONNECTION | | | | £ STERLING | € EUROS |
| RS3-6L | RS 3 VIE M12X1.5 | M12X1.5 | 25 | 500 | £34.48 | € 46.56 |
| RS3-8L | RS 3 VIE M14X1.5 | M14X1.5 | 25 | 500 | £34.48 | € 46.56 |
| RS3-10L | RS 3 VIE M16X1.5 | M16X1.5 | 25 | 500 | £34.48 | € 46.56 |
| RS3-12L | RS 3 VIE M18X1.5 | M18X1.5 | 35 | 500 | £36.22 | € 48.89 |
| RS3-15L | RS 3 VIE M22X1.5 | M22X1.5 | 60 | 500 | £38.80 | € 52.39 |
| RS3-18L | RS 3 VIE M26X1.5 | M26X1.5 | 60 | 500 | £38.80 | € 52.39 |
| RS3-22L | RS 3 VIE M30X2 | M30X2 | 60 | 500 | £64.81 | € 87.49 |
| RS3-28L | RS 3 VIE M36X2 | M36X2 | 100 | 350 | £72.73 | € 98.17 |
| RS3-35L | RS 3 VIE M45X2 | M45X2 | 180 | 350 | £80.08 | € 108.11 |
| RS3-42L | RS 3 VIE M52X2 | M52X2 | 180 | 350 | £319.73 | € 431.63 |

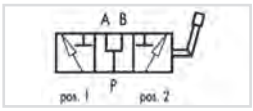
# DIVERTER VALVES

OLEODINAMICA MARCHESINI

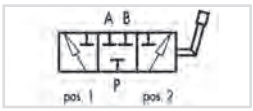
## 3 WAY DIVERTER VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV94





OPEN CENTRE



CC = CLOSED CENTRE

**USE AND OPERATION**

3 way diverter valves are used to divert the flow towards 2 different outlets.

**Body:** Cast iron Colour: Black **Internal parts:** Hardened and ground steel, **External Parts:** White Zinc plated **Seals:** Buna N standard, **Tightness:** Minor leakage.

**Applications:** Connect P to the pressure flow, A and B to the circuit ports where the flow has to be diverted to. With the lever in position 1, the flow is connected towards port A; with the lever in position 2, the flow is connected towards port B. With the lever in the central position, ports P,A and B are all connected (open centre).

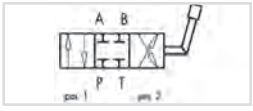
**On Request:**
Closed centre (CODE/CC). High pressure - up to 400 Bar (CODE/AP).

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| **3 WAY OPEN CENTRE** | | | | | £ STERLING | € EUROS |
| 7000.0104 | 1/4" 3 WAY DIVERTER VALVE OPEN CENTRE | 1/4" | 60 | 350 | £19.66 | € 26.54 |
| 7000.0100 | 3/8" 3 WAY DIVERTER VALVE OPEN CENTRE | 3/8" | 60 | 350 | £19.66 | € 26.54 |
| 7000.0101 | 1/2" 3 WAY DIVERTER VALVE OPEN CENTRE | 1/2" | 90 | 350 | £22.63 | € 30.54 |
| 7000.0102 | 3/4" 3 WAY DIVERTER VALVE OPEN CENTRE | 3/4" | 120 | 350 | £28.58 | € 38.58 |
| 7000.0103 | 1" 3 WAY DIVERTER VALVE OPEN CENTRE | 1" | 200 | 300 | £40.49 | € 54.65 |
| **3 WAY CLOSED CENTRE** | | | | | | |
| 7000.0111 | 1/4" 3 WAY DIVERTER VALVE CLOSED CENTRE | 1/4" | 60 | 350 | £19.66 | € 26.54 |
| 7000.0107 | 3/8" 3 WAY DIVERTER VALVE CLOSED CENTRE | 3/8" | 60 | 350 | £19.66 | € 26.54 |
| 7000.0108 | 1/2" 3 WAY DIVERTER VALVE CLOSED CENTRE | 1/2" | 90 | 350 | £22.63 | € 30.54 |
| 7000.0109 | 3/4" 3 WAY DIVERTER VALVE CLOSED CENTRE | 3/4" | 120 | 350 | £28.58 | € 38.58 |
| 7000.0110 | 1" 3 WAY DIVERTER VALVE CLOSED CENTRE | 1" | 200 | 300 | £40.49 | € 54.65 |

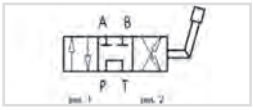
## 4 WAY DIVERTER VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV95





CLOSED CENTRE



CA = OPEN CENTRE

**USE AND OPERATION**

This valve is used to reverse oil flow from 2 ways in towards two ways out. It could be used to control a double acting actuator or to reverse the rotation of an hydraulic motor.

**Body:** Cast iron **Colour:** Black **Internal parts:** Hardened and ground steel, **External Parts:** White Zinc plated **Seals:** Buna N standard, **Tightness:** Low leakage.

**Applications:** Connect P to the pressure flow, T to the tank and ports A and B to the actuators or motor. With lever in position 1, P is connected to A and at the same time B drains into the tank T; with lever in position 2, P is connected to B and at the same time A drains into tank T. With lever in the central position all ports are closed (closed centre).

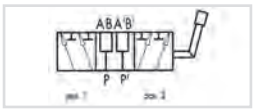
**On Request:**
Open centre (CODE/CC). High pressure - up to 400 Bar (CODE/AP).

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| **4 WAY OPEN CENTRE** | | | | | £ STERLING | € EUROS |
| 7001.0104 | 1/4" 4 WAY DIVERTER VALVE OPEN CENTRE | 1/4" | 60 | 350 | £28.58 | € 38.58 |
| 7001.0100 | 3/8" 4 WAY DIVERTER VALVE OPEN CENTRE | 3/8" | 60 | 350 | £28.58 | € 38.58 |
| 7001.0101 | 1/2" 4 WAY DIVERTER VALVE OPEN CENTRE | 1/2" | 90 | 350 | £30.96 | € 41.80 |
| 7001.0102 | 3/4" 4 WAY DIVERTER VALVE OPEN CENTRE | 3/4" | 120 | 350 | £42.87 | € 57.87 |
| 7001.0103 | 1" 4 WAY DIVERTER VALVE OPEN CENTRE | 1" | 200 | 300 | £45.25 | € 61.08 |
| **4 WAY CLOSED CENTRE** | | | | | | |
| 7001.0111 | 1/4" 4 WAY DIVERTER VALVE CLOSED CENTRE | 1/4" | 60 | 350 | £28.58 | € 38.58 |
| 7001.0107 | 3/8" 4 WAY DIVERTER VALVE CLOSED CENTRE | 3/8" | 60 | 350 | £28.58 | € 38.58 |
| 7001.0108 | 1/2" 4 WAY DIVERTER VALVE CLOSED CENTRE | 1/2" | 90 | 350 | £30.96 | € 41.80 |
| 7001.0109 | 3/4" 4 WAY DIVERTER VALVE CLOSED CENTRE | 3/4" | 120 | 350 | £42.87 | € 57.87 |
| 7001.0110 | 1" 4 WAY DIVERTER VALVE CLOSED CENTRE | 1" | 200 | 300 | £45.25 | € 61.08 |

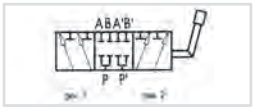
# 6 WAY DIVERTER VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV96






OPEN CENTRE




CLOSED CENTRE

**USE AND OPERATION**

This valve is made up of two 3-way diverters coupled: each of the 2 parts are used to divert the inlet flow towards two ports. The single lever controls both the parts at the same time. It's ideal to control 2 actuators.

**Body:** Cast iron **Colour:** Black **Internal parts:** Hardened and ground steel, **External Parts:** White Zinc plated **Seals:** Buna N standard, **Tightness:** Minor leakage.

**Applications:** Connect P and P' to the 2 pressure flows, Ports A and B to the first actuator and ports A' and B' to the second actuator. With lever in position 1, P is connected to A and P' to A'; with lever in position 2, P is connected to B and P' to B'. With lever in central position all ports are connected to each other (open centre)

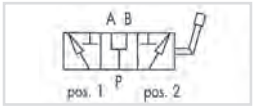
**On Request:**
Closed centre (CODE/CC). High pressure - up to 400 Bar (CODE/AP).

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| **6 WAY OPEN CENTRE** | | | | | £ STERLING | € EUROS |
| 7003.0104 | 1/4" 6 WAY DIVERTER VALVE OPEN CENTRE | 1/4" | 60+60 | 350 | £40.49 | € 54.65 |
| 7003.0100 | 3/8" 6 WAY DIVERTER VALVE OPEN CENTRE | 3/8" | 60+60 | 350 | £40.49 | € 54.65 |
| 7003.0101 | 1/2" 6 WAY DIVERTER VALVE OPEN CENTRE | 1/2" | 90+90 | 350 | £47.63 | € 64.30 |
| 7003.0102 | 3/4" 6 WAY DIVERTER VALVE OPEN CENTRE | 3/4" | 120+120 | 350 | £58.34 | € 78.76 |
| 7003.0103 | 1" 6 WAY DIVERTER VALVE OPEN CENTRE | 1" | 200+200 | 300 | £82.16 | € 110.92 |
| **6 WAY CLOSED CENTRE** | | | | | | |
| 7003.0111 | 1/4" 6 WAY DIVERTER VALVE CLOSED CENTRE | 1/4" | 60+60 | 350 | £40.49 | € 54.65 |
| 7003.0107 | 3/8" 6 WAY DIVERTER VALVE CLOSED CENTRE | 3/8" | 60+60 | 350 | £40.49 | € 54.65 |
| 7003.0108 | 1/2" 6 WAY DIVERTER VALVE CLOSED CENTRE | 1/2" | 90+90 | 350 | £47.63 | € 64.30 |
| 7003.0109 | 3/4" 6 WAY DIVERTER VALVE CLOSED CENTRE | 3/4" | 120+120 | 350 | £58.34 | € 78.76 |
| 7003.0110 | 1" 6 WAY DIVERTER VALVE CLOSED CENTRE | 1" | 200+200 | 300 | £82.16 | € 110.92 |

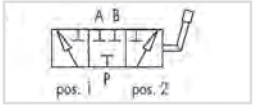
# HIGH PRESSURE 3-WAY DIVERTER VALVES, STEEL BODY

www.flowfitonline.com
TECH. DATA SHEET
CV97






OPEN CENTRE




CLOSED CENTRE

**USE AND OPERATION**

Diverter flow is used to divert the flow towards 2 different outlets.

**Body:** Steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** Minor leakage.

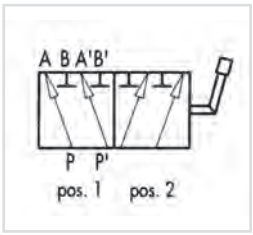
**Applications:** Connect P to the pressure flow, A and P to the ports of the hydraulic circuit where flow has to be diverted. With lever in position 1 the flow is connected towards port A; with lever in position 2, the flow is connected towards port B. With lever in central position ports P, A and B are all connected (open centre).

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | WEIGHT KG | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| VO879/AP | DF 3 VIE 1/4" AP ACC. | 1/4" | 20 | 500 | 0.65 | £34.00 | € 45.90 |
| VO881/AP | DF 3 VIE 3/8" AP ACC. | 3/8" | 35 | 500 | 0.72 | £34.00 | € 45.90 |
| VO891/AP | DF 3 VIE 1/2" AP ACC. | 1/2" | 60 | 500 | 0.92 | £40.95 | € 55.29 |
| VO901/AP | DF 3 VIE 3/4" AP ACC. | 3/4" | 100 | 500 | 1.57 | £44.81 | € 60.49 |
| VO911/AP | DF 3 VIE 1" AP ACC. | 1" | 180 | 500 | 2.17 | £68.76 | € 92.84 |

# 6 WAY DIVERTER VALVES, STEEL BODY

www.flowfitonline.com
TECH. DATA SHEET
CV98






**USE AND OPERATION**

This valve is used to divert the flow from 2 ways in towards 4 ports (two at a time alternatively). It's ideal to control 2 actuators.

**Body:** Zinc-plated steel Internal parts: Hardened and ground steel, **Seals:** Buna N standard, T**ightness:** Minor leakage.

**Applications:** Connect P and P' to the 2 pressure flows, ports A and B to the first actuator and ports A' and B' to the second actuator. With lever in position 1, P is connected to A and P' to A'; with lever in position 2, P is connected to B and P' to B'. Use with lever in central position is NOT recommended.

| CODE | TYPE | PORTS BSP | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0930 | DF 6 VIE 3/8" ACCIAIO | 3/8" | 40 | 300 | £64.95 | € 87.69 |
| V0932 | DF 6 VIE 1/2" ACCIAIO | 1/2" | 60 | 300 | £76.46 | € 103.23 |

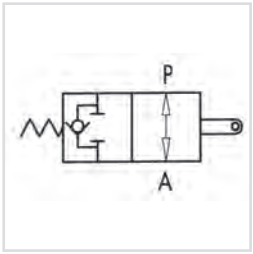
# END STROKE VALVES

OLEODINAMICA MARCHESINI

## END STROKE VALVES, NORMALLY OPEN

www.flowfitonline.com
TECH. DATA SHEET
CV99






**USE AND OPERATION**

This valve is used to stop oil inlet in a hydraulic circuit or to stop actuator's stroke (normally opened valve). The valve closing, obtained by pulling or pushing the slider, allows an immediate and total stop of the oil flow.

**Body:** Cast iron **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard and POM seals, Tightness: Minor leakage.

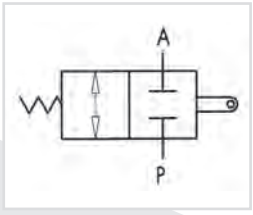
**Applications:** Connect P to the distributor and A to the circuit or to the actuator. When the slider is operating, flow is blocked from P towards A, whilst the check valve enables free flow oil flow in the reverse direction (from A towards P).

| CODE | TYPE | PORT SIZE BSP | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0824 | V-FCR 1T 60 | 3/8" | 60 | 350 | £58.63 | € 79.14 |
| V0826 | V-FCR 1T 80 | 1/2" | 80 | 350 | £60.59 | € 81.80 |
| V0825 | V-FCR 1T 120 | 3/4" | 120 | 350 | £126.90 | € 171.31 |

## END STROKE VALVES, NORMALLY CLOSED

www.flowfitonline.com
TECH. DATA SHEET
CV100






**USE AND OPERATION**

This valve is used to enable oil inlet in a hydraulic circuit (normally closed valve). The valve opens by pulling or pushing the slider.

**Body:** Cast iron **Internal parts:** Hardened and ground steel,
**Seals:** Buna N standard and POM seals, **Tightness:** Minor

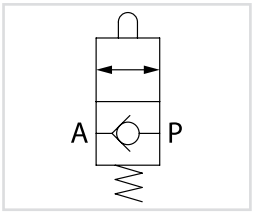
**Applications:** Connect independently A and P to the distributor and to the circuit. When slider is operating, flow is free in both directions, vice versa it is blocked.

| CODE | TYPE | PORT SIZE BSP | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0820 | V-FCR 2T 60 | 3/8" | 60 | 350 | £55.65 | € 75.14 |
| V0822 | V-FCR 2T 80 | 1/2" | 80 | 350 | £56.86 | € 76.76 |
| V0823 | V-FCR 2T 120 | 3/4" | 120 | 350 | £119.72 | € 161.62 |

# MECHANICAL DRIVE END STROKE VALVE, NORMALLY CLOSED

www.flowfitonline.com TECH. DATA SHEET CV101






USE AND OPERATION:

This valve allows oil passage in a hydraulic circuit (normally closed valve). Once the slider is set into action, oil flow is free from P to A. It can be used:
a. to set the sequence of 2 actuators;
b. as an end strokes valve, where flow is directly connected to the tank.

Body: zinc-plated steel. Internal parts: hardened and ground steel.
Seals: BUNA N standard. Ball type: any leakage

Applications: Connect A directly to the tank and P as for necessity.

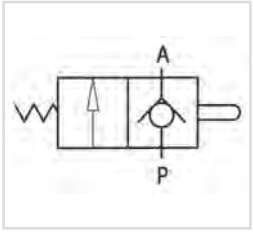
Mounting scheme can vary according to the use.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0815 | V-FCC 1/2" NC | 1/2" | 80 | 350 | £121.93 | € 164.60 |

# PUSHBUTTON END STROKE VALVES, NORMALLY CLOSED

www.flowfitonline.com TECH. DATA SHEET CV102






**USE AND OPERATION**

This valve allows oil passage in a hydraulic circuit (normally closed valve). Once the slider is set into action, oil flow is free from P to A. It can be used: (a) to set the sequence of 2 actuators (b) as end

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage.

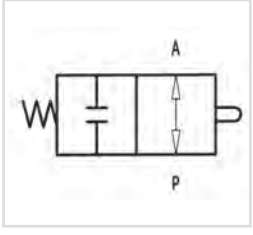
**Applications:** Connect A directly to the tank line P as for necessity. Mounting scheme can vary according to the use.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0827 | V - 101 3/8" NC | 3/8" | 40 | 350 | £53.77 | € 72.60 |
| V0828 | V - 101 1/2" NC | 1/2" | 60 | 350 | £59.99 | € 80.99 |
| V0829 | V - 101 3/4" NC | 3/4" | 100 | 350 | £80.59 | € 108.80 |

# PUSHBUTTON END STROKE VALVES, NORMALLY OPENED

www.flowfitonline.com TECH. DATA SHEET CV103






**USE AND OPERATION**

This valve is used to block oil passage in a hydraulic circuit (normally opened valve). The valve is closed by pushing mechanically the slider.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage.

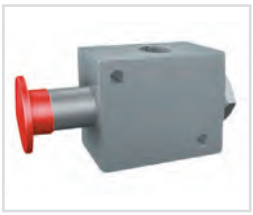
**Applications:** Connect independently A or P to the distributor and to the circuit. When button is operating, flow is blocked in both directions, vice versa it is free.

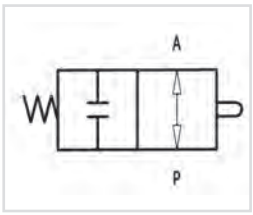
| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0817 | V - 101 3/8" NA | 3/8" | 35 | 350 | £62.50 | € 84.37 |
| V0818 | V - 101 1/2" NA | 1/2" | 50 | 350 | £64.55 | € 87.13 |

FOR SALES & ADVICE CALL US 01584 876033

# MANUAL EMERGENCY VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV104






**USE AND OPERATION:**

This pushbuttom valve allows oil passage in a hydraulic circuit by means of a lider. Once the manual button is set into action oil flows from P towards T or the other way round.

**Body:** zinc-plated steel. **Internal parts:** hardened and ground steel. **Seals:** BUNA N standard. **Tightness**: minor leakage

**Applications:** Connect the ports P and T to either distributor and circuit. When the button is pressed the flow is free, otherwise the flow is blocked in both directions.

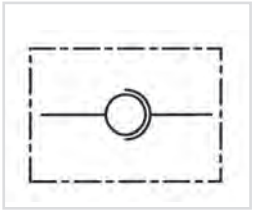
| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V1320 | VEM 1/2" | 1/2" | 50 | 350 | £77.39 | € 104.48 |

# ROTATING COUPLINGS

## IN LINE ROTATING COUPLING

www.flowfitonline.com
TECH. DATA SHEET
CV105





**USE AND OPERATION**

These valves are mounted between the end of a flexible hose and a fixed component to compensate hose's rotations and torsions and prevent its damaging. They are not suitable for fast and continuous rotations.
They are used in every production field where systems have flexible moving hoses. In line mounting.

**Body:** Zinc-plated steel. **Tightness:** Low friction seals.

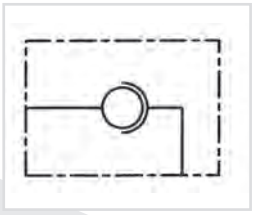
**Applications:** Connect port P to the uses.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE (BAR) WHEN ROTATING | MAX PRESSURE BAR | MAX ROTATION SPEED | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| G1050 | GGL 1/4" | 1/4" | 25 | 200 | 400 | 212 | £8.93 | € 12.06 |
| G1060 | GGL 3/8" | 3/8" | 35 | 200 | 400 | 173 | £9.49 | € 12.81 |
| G1070 | GGL 1/2" | 1/2" | 60 | 150 | 300 | 160 | £11.10 | € 14.99 |
| G1080 | GGL 3/4" | 3/4" | 100 | 150 | 300 | 120 | £16.50 | € 22.27 |
| G1090 | GGL 1" | 1" | 180 | 100 | 300 | 100 | £22.65 | € 30.57 |
| G1091 | GGL 1 1/4" | 1 1/4" | 200 | 100 | 300 | 86 | £40.82 | € 55.11 |
| G1092 | GGL 1 1/2" | 1 1/2" | 250 | 80 | 300 | 73 | £61.27 | € 82.72 |
| G1093 | GGL 2" | 2" | 300 | 50 | 250 | 50 | £85.06 | € 114.84 |

## 90 DEGREE ROTATING COUPLING

www.flowfitonline.com
TECH. DATA SHEET
CV106





**USE AND OPERATION**

These valves are mounted between the end of a flexible hose and a fixed component to compensate hose's rotations and torsions and prevent its damaging. They are not suitable for fast and continuous rotations.
They are used in every production field where systems have flexible moving hoses. 90 deg. mounting.

**Body:** Zinc-plated steel. **Tightness:** Low friction seals.

**Applications:** Connect port P to the uses.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE (BAR) WHEN ROTATING | MAX PRESSURE BAR | MAX ROTATION SPEED | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| G0990 | GG 90DEG 1/4" | 1/4" | 25 | 200 | 400 | 212 | £9.55 | € 12.90 |
| G1010 | GG 90DEG 3/8" | 3/8" | 35 | 200 | 400 | 173 | £10.56 | € 14.26 |
| G1020 | GG 90DEG 1/2" | 1/2" | 60 | 150 | 300 | 160 | £12.48 | € 16.86 |
| G1030 | GG 90DEG 3/4" | 3/4" | 100 | 150 | 300 | 120 | £19.29 | € 26.04 |
| G1040 | GG 90DEG 1" | 1" | 180 | 100 | 300 | 100 | £25.05 | € 33.81 |
| G1042 | GG 90DEG 1 1/4" | 1 1/4" | 200 | 100 | 300 | 86 | £64.24 | € 86.72 |
| G1043 | GG 90DEG 1 1/2" | 1 1/2" | 250 | 80 | 300 | 73 | £84.14 | € 113.59 |
| G1044 | GG 90DEG 2" | 2" | 300 | 50 | 250 | 50 | £116.66 | € 157.50 |

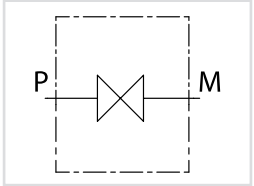
# GAUGE ISOLATOR VALVES

OLEODINAMICA MARCHESINI

## GAUGE ISOLATOR IN LINE

www.flowfitonline.com
TECH. DATA SHEET
CV107






**USE AND OPERATION:**

These valves are used to open or close the oil flow to the gauge in an hydraulic system.

**Body:** nickel steel. **Seals:** NBR

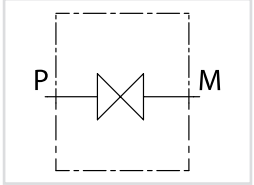
**Applications** Screw the gauge isolator to the hydraulic system to the male port P and fix the gauge to female port M. In order to open or close the flow turn the knob.

| CODE | TYPE | BSP PORTS | WORKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| EM001L | EML 1/4" BSP MF | 1/4" | 400 | £10.41 | € 14.05 |

## GAUGE ISOLATOR 90°

www.flowfitonline.com
TECH. DATA SHEET
CV108






**USE AND OPERATION:**

These valves are used to open or close the oil flow to the gauge in an hydraulic system.

**Body:** nickel steel. **Seals:** NBR

**Applications** Screw the gauge isolator to the hydraulic system to the male port P and fix the gauge to female port M. In order to open or close the flow turn the knob.

| CODE | TYPE | BSP PORTS | WORKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| EM001N | EM90° 1/4" BSP MF | 1/4" | 400 | £10.41 | € 14.05 |

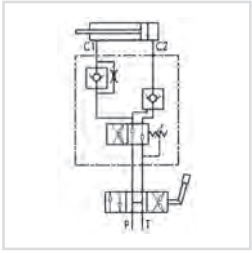
# PLOUGH OVERTURNING VALVES

OLEODINAMICA MARCHESINI

## SINGLE ACTING PLOUGH OVERTURNING VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV109






**USE AND OPERATION**

This valve has been realised for use on cylinders for reversible plough to obtain the automatic backflow and therefore the reversal of the motion of the hydraulic cylinder that makes the plough rotate. It is provided with a single pilot check valve which guarantees safety just on the block side, whilst the stem side it must be leaned on the plough mechanical locks. Assembly on balanced and light plough with internal diameters 40/50mm and 60/80mm is recommended.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage.These valves are supplied with exchange pressure at 140 Bar: according to your requirements, pressure setting can be modified by acting on the pressure regulator.

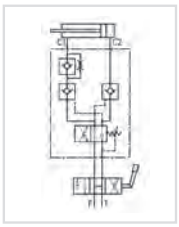
**Applications:** Connect C1 to the cylinder's stem, C2 to the block, P and T to the machine inlet. Due to it's shape, it can be in-line assembled on a hydraulic cylinder or directly fixed on the plough by means of the threaded hole on the body.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0278 | VRA 40/50 SE | 3/8" | 200 | 400 | £103.58 | € 139.83 |
| V0280 | VRA 60/80 SE | 3/8" | 200 | 400 | £103.58 | € 139.83 |

# DOUBLE ACTING PLOUGH OVERTURNING VALVES

www.flowfitonline.com
TECH. DATA SHEET
CV110





### USE AND OPERATION

This valve has been realised for use on cylinders for reversible plough to obtain the automatic backflow and therefore the motion reversal of the hydraulic cylinder that makes the plough rotate. It is provided with a double pilot check valve which guarantees safety and enables to put and block the cylinder in any position. The motion reversal of the piston is made through a differential type relief valve exactly in the dead point of the plough, generating more power and speed. It can be assembled on heavy and unbalanced plough with the following internal diameters: 40/50, 60/80, 80.100, 100/110, 110/130 mm.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, S**eals:** Buna N standard, T**ightness:** No leakage.These valves are supplied with exchange pressure at 140 Bar: according to your requirements, pressure setting can be modified by acting on the pressure regulator.

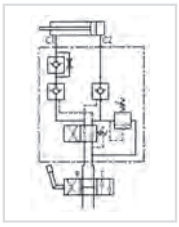
**Applications:** Connect C1 to the cylinder's stem, C2 to the block, P and T to the machine inlet. Due to it's shape, it can be in-line assembled on a hydraulic cylinder or directly fixed on the plough by means of the threaded hole on the body.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0282 | VRAP 40/50 SE | 3/8" | 250 | 400 | £119.11 | € 160.80 |
| V0290 | VRAP 60/80 SE | 3/8" | 250 | 400 | £119.11 | € 160.80 |
| V0300 | VRAP 80/100 SE | 3/8" | 250 | 400 | £119.11 | € 160.80 |
| V0302 | VRAP 100/110 SE | 3/8" | 250 | 400 | £119.11 | € 160.80 |
| V0320 | VRAP 110/130 SE | 3/8" | 250 | 400 | £121.40 | € 163.90 |

# DOUBLE ACTING PLOUGH OVERTURNING VALVES WITH RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
CV111





### USE AND OPERATION

This valve has been realised for use on cylinders for reversible plough to obtain the automatic backflow and therefore the motion reversal of the hydraulic cylinder that makes the plough rotate. It is provided with a double pilot check valve and with a relief valve that enables to reduce the thrust (block side) in order not to damage the mechanical locks and the plough's head. The motion reversal of the piston is made through a differential type relief valve exactly in the dead point of the plough, generating more power and speed. It's ideal for assembly on heavy and unbalanced plough with the following internal diameters: 60/80, 80.100, 100/110, 110/130 mm.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage.These valves are supplied with exchange pressure at 140 Bar: according to our requirements, pressure setting can be modified by acting on the pressure regulator.

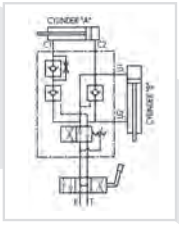
**Applications:** Connect C1 to the cylinder's stem, C2 to the block, P and T to the machine inlet. Due to it's shape, it can be in-line assembled on a hydraulic cylinder or directly fixed on the plough by means of the threaded hole on the body.

| CODE | TYPE | BSP PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0350 | VRAP 60/80 SE + VMP | 3/8" | 250 | 400 | £126.90 | € 171.31 |
| V0360 | VRAP 80/100 SE + VMP | 3/8" | 250 | 400 | £148.68 | € 200.72 |
| V0376 | VRAP 100/110 SE + VMP | 3/8" | 250 | 400 | £148.68 | € 200.72 |
| V0380 | VRAP 110/130 SE + VMP | 3/8" | 250 | 400 | £150.58 | € 203.29 |

# DOUBLE ACTING PLOUGH OVERTURNING VALVE BY DOWN MOULDBOARD LOAD SHIFTING

www.flowfitonline.com
TECH. DATA SHEET
CV112





### USE AND OPERATION

This valve has been realised for use on cylinders for reversible plough to obtain the automatic backflow and therefore the motion reversal of the hydraulic cylinder that makes the plough rotate. It has been designed to set in action 2 cylinders with disadvantageous rotation load (see diagram).

Operating Instructions: First cylinder B starts lining up the load. Before the manoeuvre ends, cylinder A starts overturning. **Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage. These valves are supplied with exchange pressure at 140 Bar: according to your quirements, pressure setting can be modified by acting on the pressure regulator.

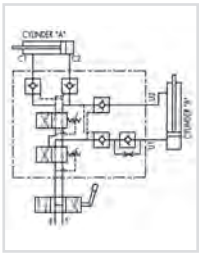
**Applications:** Connect C1 to the stem, C2 to the cylinder's block A, U1 to the block and U2 to B port of the cylinder; P and T to the machine inlet. Due to it's shape, it can be in-line assembled on a hydraulic cylinder or directly fixed on the plough by means of the threaded hole on the body.

| CODE | TYPE | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| V0330 | VRAP 80/100 SS | 250 | 400 | £126.90 | € 171.31 |

# DOUBLE ACTING PLOUGH OVERTURNING VALVE BY UP MOULDBOARD LOAD SHIFTING

www.flowfitonline.com
TECH. DATA SHEET
CV113





### USE AND OPERATION

This valve has been realised for use on cylinders for reversible plough to obtain the automatic backflow and therefore the motion reversal of the hydraulic cylinder that makes the plough rotate. It has been designed to set in action 2 cylinders with disadvantageous rotation load (see diagram).

Operating Instructions: Sequence working: first cylinder B starts lining up the load; once it has got to the end of it's stroke, cylinder A starts overturning. When this gets to the dead point, A and B start working at the same time, B with a delayed speed in relation to A.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage.

These valves are supplied with exchange pressure at 140 Bar: according to your requirements, pressure setting can be modified by acting on the pressure regulator.

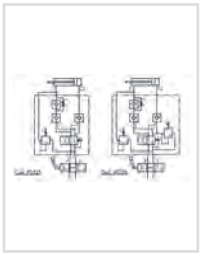
**Applications:** Connect C1 to the stem, C2 to the cylinder's block A, U1 to the block and U2 to B port of the cylinder; P and T to the machine inlet. Due to it's shape, it can be in-line assembled on a hydraulic cylinder or directly fixed on the plough by means of the threaded hole on the body.

| CODE | TYPE | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| V0340 | VRAP 80/100 SV TN | 230 | 400 | £336.01 | € 453.61 |

# DOUBLE ACTING PLOUGH OUTSIDE DRILLS OVERTURNING VALVES FOR CYLINDER WITH MEMORYAND WITHOUT MEMORY

www.flowfitonline.com
TECH. DATA SHEET
CV114





### USE AND OPERATION

Valves for actuators with memory (V0325): Designed for use on cylinders with memory for outside drills reversible ploughs, it's provided with a duel cross relief valve which provides protection against tear's shocks when the plough exceeds the dead point.

Valves for actuators without memory: Designed for use on cylinders without memory for outside drills reversible ploughs, it is provided with a duel cross relief valve: this enables to reduce the thrust pressure (block side) in order not to damage the mechanical locks on the plough's head.

Both systems are provided with a fixed compensated flow control valve which allows to keep a constant speed, whether the plough works inside the drills or outside.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage.

These valves are supplied with exchange pressure at 140 Bar: according to your requirements, pressure setting can be modified by acting on the pressure regulator.

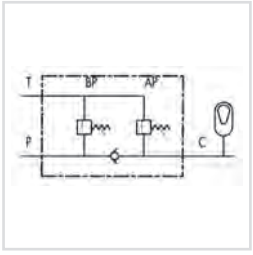
**Applications:** Connect C1 and the duel cross relief valve to the cylinder from the rod side through the double banjo bolt (supplied with the valve) and double banjos, connect C2 to the cylinder from the block's side, P and T to the machine inlet.

| CODE | TYPE | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| V0325 | VRAP 110/130 FSCM | 250 | 400 | £175.23 | € 236.55 |
| V0326 | VRAP 110/130 FSSM | 250 | 400 | £191.81 | € 258.94 |

# 1 WAY SPECIAL BLOCK FOR NO-STOP PLOUGH AND SUB-SOILERS TILLERS

www.flowfitonline.com
TECH. DATA SHEET
CV115






### USE AND OPERATION

This valve is made up of 2 relief valves and 1 check valve. It is used to supply pressure to tanked systems on non-stop plough and sub-soilers tillers in order to provide protection against shocks.

**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage.

**Applications:** Connect P to the machine inlet, T to the draining or to the tank for eventual reutilization and |C to the system.

* BP adjusts the charge pressure of system and is set ay 80 Bar.

* AP adjusts the eventual security drainage opening and is set at 250 Bar.

| CODE | TYPE | BSP PORTS | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| V0295 | MASSELLO 1 VIA 3/8" | 3/8" | 350 | £120.72 | € 162.98 |
| V0296 | MASSELLO 1 VIA 1/2" | 1/2" | 350 | £129.75 | € 175.17 |

## HYDRAULIC VALVES

# SOLENOID DIVERTER VALVES


| PRODUCT | PAGE |
|---|---|
| SDV3 3 WAY SOLENOID DIVERTERS MAX FLOW 80L/MIN | 83 |
| SDV06 6 WAY SOLENOID DIVERTERS MAX FLOW 50L/MIN | 84 |
| SDV10 6 WAY SOLENOID DIVERTERS MAX FLOW 80L/MIN. 315 BAR RATED | 85 |
| DIVERTER VALVE HANDLEVER MIRCOSWITCH KIT | 86 |











QUALITY PRODUCTS

FREE ADVICE

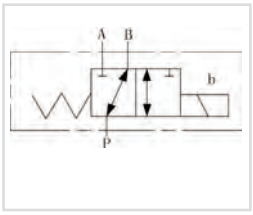
If the part number needed is not listed please ask the Flowfit Sales Team

# SOLENOID DIVERTER VALVES

## SDV3 3 WAY SOLENOID DIVERTERS MAX FLOW 80L/MIN

www.flowfitonline.com
TECH. DATA SHEET
SDV01






Diverters are used to add an extra facility to the directional control valve when it is needed for a sequence of operations such as a safety operation or to control a selected hydraulic cylinder.
No drainline required.

SDV3 _ _ _ _ _

DC12=12V, DC24=24V
DC48=48V (SPECIAL REQUEST)
AC110=110V (SPECIAL REQUEST)
AC220=220V(SPECIAL REQUEST)

N= With manual override

Z5L=Herschmann plug with light

Special requirements to be briefly specified

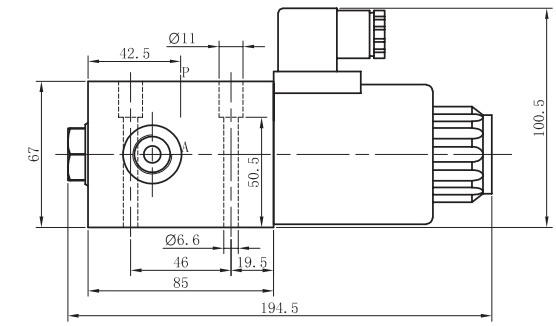
Threaded connections
M18=M18X1.5
M22=M22X1.5
M20=M20X1.5
} SPECIAL REQUEST

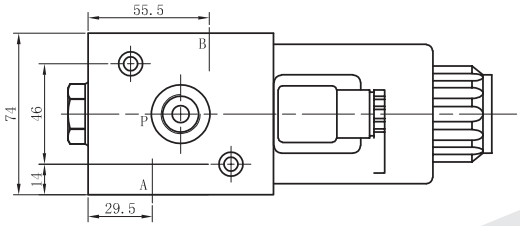
G38 =G3/8
G12 =G1/2
STANDARD

### Technical Data

| | |
|---|---|
| Type Model | SDV3 |
| Max Operating pressure (bar) | 210 |
| Max Flow rate (L/min) | 80 |

### SDV3 Installation Dimensions




- **COMPACT**
- **EASY TO INSTALL**
- **EXCELLENT PRICE**
- **OEM TOP DEMANDED FLOWFIT PRODUCT**



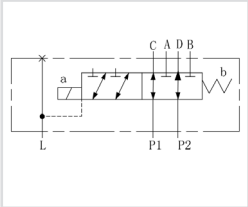
- **MANUAL OVERRIDE STANDARD**

| PART NUMBER | VOLTAGE | PORT SIZE BSP | FLOW RATE L/MIN | MAX PRESSURE BAR | WEIGHT (KG) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| SDV3DC12NZ5LG38 | 12 VDC | 3/8" | 80 | 210 | 4.23 | £70.10 | € 94.64 |
| SDV3DC24NZ5LG38 | 24 VDC | 3/8" | 80 | 210 | 4.23 | £70.10 | € 94.64 |
| SDV3DC12NZ5LG12 | 12 VDC | 1/2" | 80 | 210 | 4.23 | £80.49 | € 108.66 |
| SDV3DC24NZ5LG12 | 24 VDC | 1/2" | 80 | 210 | 4.23 | £80.49 | € 108.66 |

# SDV06 6 WAY SOLENOID DIVERTERS MAX FLOW 50L/MIN

www.flowfitonline.com
TECH. DATA SHEET
SDV02






Diverters are used to add an extra facility to the directional control valve when it is needed for a sequence of operations such as a safety operationor to control a selected hydraulic cylinder.

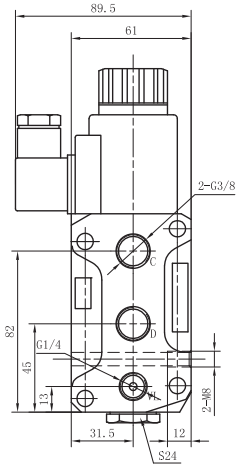
The stackable circuit selector valves type SDV06 allow one single drive of 6 users with 5 diverters connected in series.

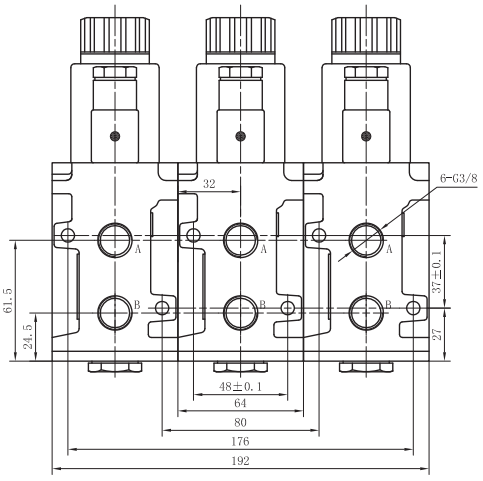
Please note the drainline must be connected back to tank at all times.

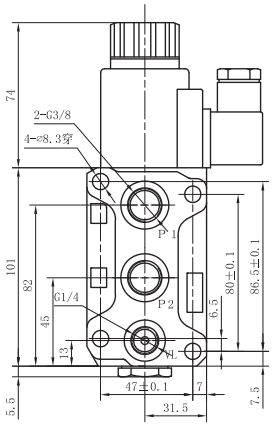
| SDV | 06 | 6 | W | I / * | * | * * | |
|---|---|---|---|---|---|---|---|

- SDV: Stackable diverter valve
- 06: Size 06
- 6: No of ways single element (6 Way)
- W: Threaded connectors 3/8" BSP
- I / *: External Drain / No of elements: 1/2/3/4/5
- * : Voltage L=12V M=24V DC48=48V AC110=110V AC220=220V
- * * : VARIANTS 00=No variant V1=Viton R1=recitifier

**SPECIFICATION**
**Max. pressure:** 250 bar
**Max. flow:** 50 l/min
**Overlap:** negative
**Hydraulic fluids:** Mineral oils DIN 51524
**Fluid viscosity:** 10 ÷ 500 mm2/s
**Fluid temperature:** -25°C ÷ 75ºC
**Ambient temperature:** -25°C ÷ 60ºC
**Max. Contamination level:** class 10 in accordance
**Oil cleaniness:** NAS with 1638 with filter ß25≥75
NAS 1638 class 9 and ISO 4406 class 20/18/15
**Valve Body Surface Finish:**
Phosphate surface finish




| DIVERTER | WAY | A | B |
|---|---|---|---|
| NO. OF DIVERTERS | NO. OF WAY | LENGTH IN MM | |
| 1 | 6 | 64 | 86 |
| 2 | 8 | 128 | 150 |
| 3 | 10 | 192 | 214 |
| 4 | 12 | 256 | 278 |
| 5 | 14 | 320 | 342 |

- **COMPACT**
- **EASY TO INSTALL**
- **EXCELLENT PRICE**
- **OEM TOP DEMANDED FLOWFIT PRODUCT**
- **MANUAL OVERRIDE STANDARD**

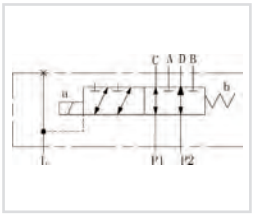


| PART NUMBER | VOLTAGE | PORT SIZE BSP | FLOW RATE L/MIN | MAX PRESSURE BAR | WEIGHT (KG) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| SDV066WI1LE1 | 12 VDC | 3/8" | 50 | 250 | 3 | £109.05 | € 147.21 |
| SDV066WI1ME1 | 24 VDC | 3/8" | 50 | 250 | 3 | £109.05 | € 147.21 |

# SDV10 6 WAY SOLENOID DIVERTERS MAX FLOW 80L/MIN. 315 BAR RATED

www.flowfitonline.com
TECH. DATA SHEET
SDV03






Diverters are used to add an extra facility to the directional control valve when it is needed for a sequence of operations such as a safety operation or to control a selected hydraulic cylinder.

Please note drainline must be connected back to tank at all times.

SDV10 ⊥ ⊥ ⊥

DC12=12V, DC24=24V
DC48=48V (SPECIAL REQUEST)
AC110=110V (SPECIAL REQUEST)
AC220=220V(SPECIAL REQUEST)

N= With manual override

Z5L=Herschmann plug with light

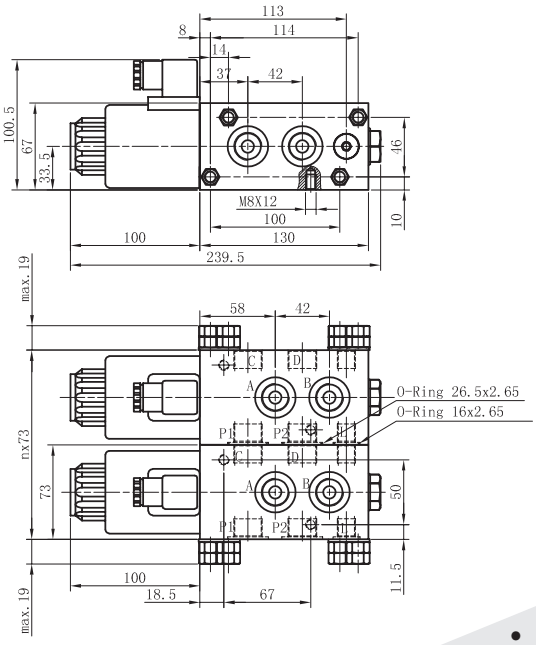
**THREADED CONNECTIONS**
12 =G1/2 /G1/4 STANDARD
34 =G3/4 /G1/4 STANDARD
M22=M22X1.5/M14X1.5 } SPECIAL
M27=M27X2/M14X1.5 } REQUEST

**Nr. OF UNITS**
N1= (one unit) N2= (two units)
N3= (three units) N4= (four units)

## Technical Data

| | |
|---|---|
| Type Model | SDV10 |
| Max Operating pressure (bar) | 315 |
| Max Flow rate (L/min) | 80 |

## SDV10 Installation Dimensions




- **COMPACT**
- **EASY TO INSTALL**
- **EXCELLENT PRICE**
- **OEM TOP DEMANDED FLOWFIT PRODUCT**



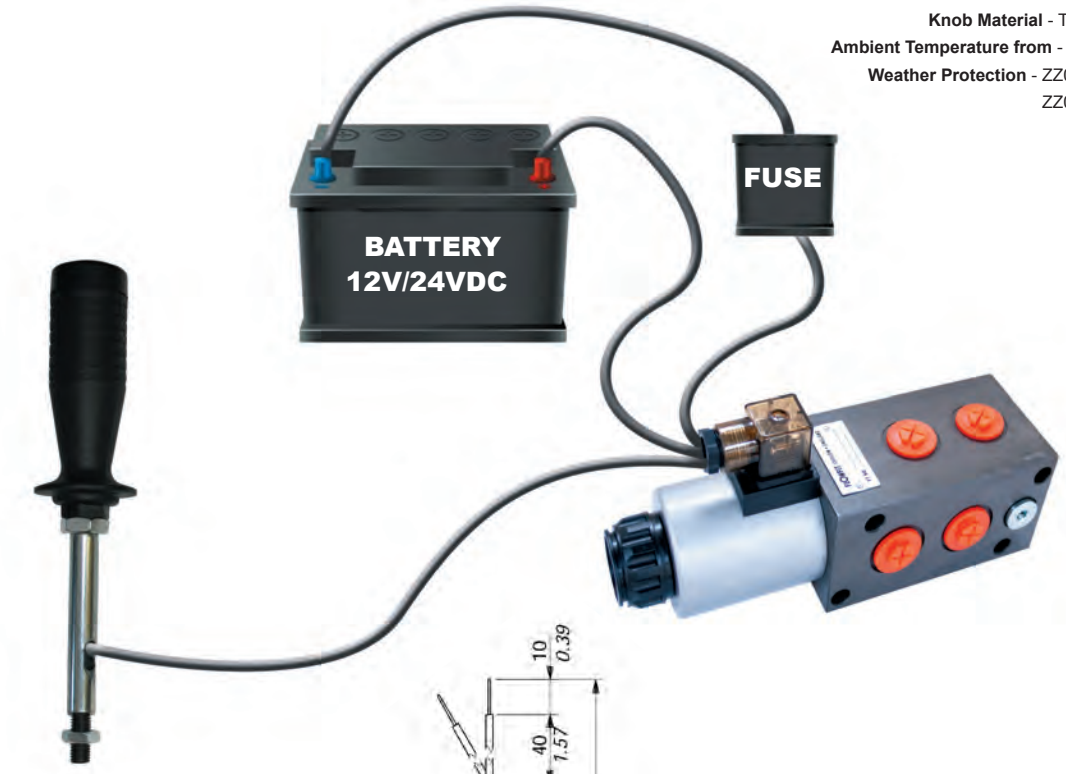
- **MANUAL OVERRIDE STANDARD**

| PART NUMBER | VOLTAGE | PORT SIZE BSP | FLOW RATE L/MIN | MAX PRESSURE BAR | WEIGHT (KG) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| SDV10DC12NZ5LN112 | 12 VDC | 1/2" | 80 | 315 | 5.14 | £109.05 | € 147.21 |
| SDV10DC24NZ5LN112 | 24 VDC | 1/2" | 80 | 315 | 5.14 | £109.05 | € 147.21 |
| SDV10DC12NZ5LN134 | 12 VDC | 3/4" | 80 | 315 | 5.14 | £109.05 | € 147.21 |
| SDV10DC24NZ5LN134 | 24 VDC | 3/4" | 80 | 315 | 5.14 | £109.05 | € 147.21 |

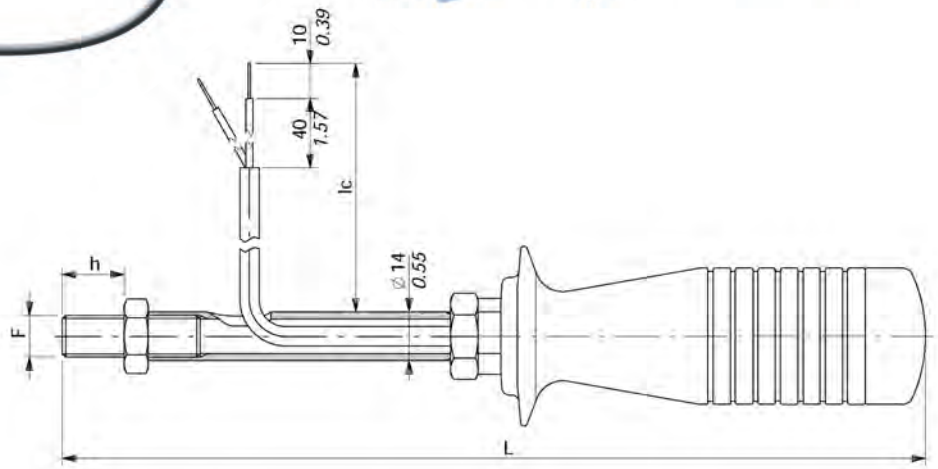
# DIVERTER VALVE HANDLEVER MIRCOSWITCH KIT

www.flowfitonline.com
TECH. DATA SHEET
SDV04

**Working conditions for the Microswitch**
**Rod Material** - Zinc coated steel
**Knob Material** - Thermoplastic
**Ambient Temperature from** - 20˚C to 80˚C
**Weather Protection** - ZZ003185=IP67
ZZ003186=IP54




M10 - Thread, see adaptor Kit for M8 Threads below




| DIMENSION INFORMATION | | | | |
|---|---|---|---|---|
| PART NUMBER | F | H (MM) | L (MM) | IC MM |
| ZZ003185 | M10 | 20 | 250 | 425 |
| ZZ003186 | M10 | 19 | 200 | 430 |

| THREAD ADAPTOR KIT | | | |
|---|---|---|---|
| PART NUMBER | DESCRIPTION | PRICE | |
| | | £ STERLING | € EUROS |
| 6473210 | M8 MALE X M10 FEMALE THREAD ADAPTOR ZINC PLATED | £2.54 | € 3.43 |

| PART NUMBER | OPERATION OF SWITCH | THREAD TYPE | LENGTH (MM) | WEIGHT (KG) | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ003185 | PUSH BUTTON ON/OFF | M10 | 250 | 0.5 | £57.77 | € 77.99 |
| ZZ003186 | ROCKER SWITCH ON/OFF Detent 2 position | M10 | 250 | 0.5 | £64.26 | € 86.76 |

## HYDRAULIC VALVES

# FLOWFIT CETOP VALVES


| PRODUCT | PAGE |
|---|---|
| FLOWFIT CETOP 3 | 88 |
| FLOWFIT CETOP 5 | 97 |
| FLOWFIT CETOP 7 | 105 |
| FLOWFIT CETOP 8 | 109 |
| KOMPASS RELIEF VALVES | 113 |
| KOMPASS SEQUENCE, COUNTER BALANCE & UNLOADING | 115 |
| 2 WAY CARTRIDGE ELECTRIC VALVES | 116 |
| KOMPASS ELECTRO-HYDRAULIC PROPORTIONAL VALVES | 116 |





FROM ONLY £50.63 +VAT




FROM ONLY £93.47 +VAT




FROM ONLY £37.65 +VAT

**QUALITY PRODUCTS**

**FREE ADVICE**

FOR SALES & ADVICE CALL US 01584 876033

# FLOWFIT CETOP 3 NG6 SOLENOID DIRECTIONAL CONTROL VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV1

Flowfit offer a large range of solenoid operated CETOP 3 NG6 with a maximum flow of 80 l/min, commonly used in powerpacks and other hydraulic applications. Available in 12VDC, 24VDC, 110VAC and 220VAC.

Flowfit F5-02 series CETOP 3 NG6 solenoid valves are Electro-Hydraulic spool type valves. They are solenoid operated and control the start, stop and direction of the oil flow in the hydraulic circuit.

They are used for hydraulic powerpacks as well as for stand alone hydraulic manifold blocks.

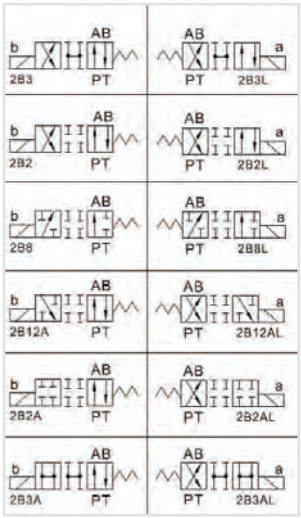








**SPECIFICATION**
**Nominal Size:** NG6
**Maximum Flow Rate:** 80 l/min
**Maximum Pressure:** A,B,P = 315 Bar T = 16 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Switch Cycles** **Open:** 50 ~ 60ms
**Closed:** 50 ~ 70ms
**Switch Frequency:** 15000 times per hour
**Insulation Grade:** IP65
**Weight:** Single Solenoid: 1.5kg,
Double Solenoid: 2.2kg
**Voltages:** 12VDC = D1, 24VDC = D2,
110V/AC 50HZ = A1, 220V/AC 50HZ = A2
**Manual Override:** Standard on all valves
**Connector Type:** DIN Plug (with LED)




| FLOWFIT CETOP 3 NG6 SPRING CENTERED 3 POSITION DOUBLE ACTING SOLENOID DIRECTIONAL CONTROL VALVE | | | | | |
|---|---|---|---|---|---|
| **PRODUCT REFERENCE** | **DOUBLE SOLENOID** | **CONFIGURATION** | **SPOOL RETURN** | **NETT. PRICE** | |
| | | | | **£ STERLING** | **€ EUROS** |
| F5-02-3C2-** | Double | 3 Position | Spring | £50.63 | € 68.35 |
| F5-02-3C3-** | Double | 3 Position | Spring | £50.63 | € 68.35 |
| F5-02-3C4-** | Double | 3 Position | Spring | £50.63 | € 68.35 |
| F5-02-3C5-** | Double | 3 Position | Spring | £50.63 | € 68.35 |
| F5-02-3C9-** | Double | 3 Position | Spring | £50.63 | € 68.35 |
| F5-02-3C10-** | Double | 3 Position | Spring | £50.63 | € 68.35 |
| F5-02-3C11-** | Double | 3 Position | Spring | £50.63 | € 68.35 |
| F5-02-3C12-** | Double | 3 Position | Spring | £50.63 | € 68.35 |
| F5-02-3C25-** | Double | 3 Position | Spring | £50.63 | € 68.35 |
| F5-02-3C40-** | Double | 3 Position | Spring | £50.63 | € 68.35 |
| F5-02-3C60-** | Double | 3 Position | Spring | £50.63 | € 68.35 |

**NOTE: SUBSTITUTE THE ** WITH VOLTAGE PREFERENCE. 12VDC=D1, 24VDC=D2, 110V/AC 50HZ=A1, 220V/AC 50HZ=A2**

| FLOWFIT CETOP 3 NG6 SPRING OFFSET 2 POSITION SINGLE ACTING SOLENOID DIRECTIONAL CONTROL VALVE | | | | | |
|---|---|---|---|---|---|
| **PRODUCT REFERENCE** | **SINGLE SOLENOID** | **CONFIGURATION** | **SPOOL RETURN** | **NETT. PRICE** | |
| | | | | **£ STERLING** | **€ EUROS** |
| F5-02-2B2-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B2L-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B2A-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B2AL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B2B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B2BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B3-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B3L-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B3A-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B3AL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B3B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B3BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B4B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B4BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B5B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B5BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B8-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B8L-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B9B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B9BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B10B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B10BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B11B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B11BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B12A-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B12AL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B12B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |

**NOTE: SUBSTITUTE THE ** WITH VOLTAGE PREFERENCE. 12VDC=D1, 24VDC=D2, 110V/AC 50HZ=A1, 220V/AC 50HZ=A2**

| SPRING CENTERED 2 POSITION SOLENOID DIRECTIONAL CONTROL VALVE | | | | | |
|---|---|---|---|---|---|
| **PRODUCT REFERENCE** | **SINGLE SOLENOID** | **CONFIGURATION** | **SPOOL RETURN** | **NETT. PRICE** | |
| | | | | **£ STERLING** | **€ EUROS** |
| F5-02-2B12BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B25B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B25BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B40B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B40BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B60B-** | Single | 2 Position | Spring | £37.65 | € 50.82 |
| F5-02-2B60BL-** | Single | 2 Position | Spring | £37.65 | € 50.82 |

**NOTE: SUBSTITUTE THE ** WITH VOLTAGE PREFERENCE. 12VDC=D1, 24VDC=D2, 110V/AC 50HZ=A1, 220V/AC 50HZ=A2**

# FLOWFIT CETOP 3 HAND OPERATED DIRECTIONAL CONTROL VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV2



MAXIMUM FLOW: 30 l/min
MAXIMUM PRESSURE: 250 Bar

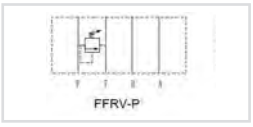
**SEE SPOOL CONFIGUARATIONS ON PREVIOUS PAGE**

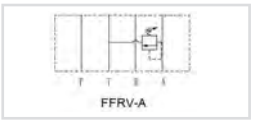
| SUBPLATE | SPRING CENTRED | DETENT | NETT. PRICE | |
|---|---|---|---|---|
| | | | **£ STERLING** | **€ EUROS** |
| DMG-02-* | W | ****** | £120.51 | € 162.68 |
| DMG-02-* | ****** | O | £115.71 | € 156.21 |

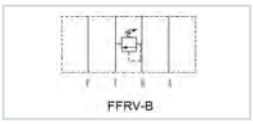
# FLOWFIT CETOP 3 NG6 MODULAR RELIEF VALVE

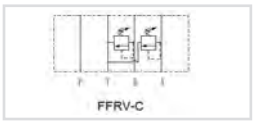
www.flowfitonline.com
TECH. DATA SHEET
FCV3






The Flowfit CETOP 3 NG6 Modular Relief Valve is available in a variety of configurations to control pressure in either the P, A or B ports.

There are three pressure ranges to choose from, providing the versatility to control system pressure in any application.

Pressure can be adjusted using the plastic knob (standard on all modular relief valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once pressure has been set (Available upon request).

The pressure ranges available are:

8 - 70bar
35 - 140bar
70 - 250bar

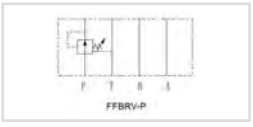
**SPECIFICATION**
**Nominal Size:** NG6
**Maximum Flow Rate:** 35 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight** P, A, B: 1.5kg
C: 1.7kg
**Manual Adjustment:** Standard on all valves

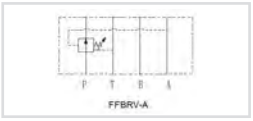
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFRV-02P-K-1-20 | CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON P | £38.49 | € 51.96 |
| FFRV-02P-K-2-20 | CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON P | £38.49 | € 51.96 |
| FFRV-02P-K-3-20 | CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON P | £60.37 | € 81.51 |
| FFRV-02A-K-1-20 | CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON A | £38.49 | € 51.96 |
| FFRV-02A-K-2-20 | CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON A | £42.84 | € 57.83 |
| FFRV-02A-K-3-20 | CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON A | £38.49 | € 51.96 |
| FFRV-02B-K-1-20 | CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON B | £42.84 | € 57.83 |
| FFRV-02B-K-2-20 | CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON B | £42.84 | € 57.83 |
| FFRV-02B-K-3-20 | CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON B | £42.84 | € 57.83 |
| FFRV-02C-K-1-20 | CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON A+B | £38.49 | € 51.96 |
| FFRV-02C-K-2-20 | CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON A+B | £38.49 | € 51.96 |
| FFRV-02C-K-3-20 | CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON A+B | £60.36 | € 81.49 |

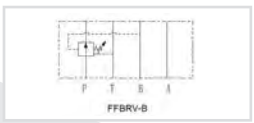
# FLOWFIT CETOP 3 NG6 MODULAR REDUCING VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV4






The Flowfit modular reducing valve is designed to lower the pressure in a specific circuit compared to the main system pressure.

There are three pressure ranges to choose from, providing the versatility to control individual circuit pressure.

Pressure can be adjusted using the plastic knob (standard on all modular reducing valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once pressure has been set (Available upon request).

The pressure ranges available are:
8 - 70bar
35 - 140bar
70 - 250bar

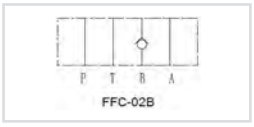
**SPECIFICATION**
**Nominal Size:** NG6
**Maximum Flow Rate:** 35 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight:** 1.2kg
**Manual Adjustment:** Standard on all valves

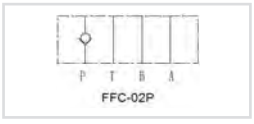
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFBRV-02P-K-1-20 | CETOP 3 MODULAR REDUCING VALVE 8-70BAR ON P | £42.84 | € 57.83 |
| FFBRV-02P-K-2-20 | CETOP 3 MODULAR REDUCING VALVE 35-140BAR ON P | £42.84 | € 57.83 |
| FFBRV-02P-K-3-20 | CETOP 3 MODULAR REDUCING VALVE 70-250BAR ON P | £38.49 | € 51.96 |
| FFBRV-02A-K-1-20 | CETOP 3 MODULAR REDUCING VALVE 8-70BAR ON A | £42.84 | € 57.83 |
| FFBRV-02A-K-2-20 | CETOP 3 MODULAR REDUCING VALVE 35-140BAR ON A | £42.84 | € 57.83 |
| FFBRV-02A-K-3-20 | CETOP 3 MODULAR REDUCING VALVE 70-250BAR ON A | £42.84 | € 57.83 |
| FFBRV-02B-K-1-20 | CETOP 3 MODULAR REDUCING VALVE 8-70BAR ON B | £42.84 | € 57.83 |
| FFBRV-02B-K-2-20 | CETOP 3 MODULAR REDUCING VALVE 35-140BAR ON B | £42.84 | € 57.83 |
| FFBRV-02B-K-3-20 | CETOP 3 MODULAR REDUCING VALVE 70-250BAR ON B | £42.84 | € 57.83 |

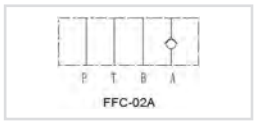
# FLOWFIT CETOP 3 NG6 MODULAR CHECK VALVE

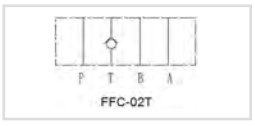
www.flowfitonline.com
TECH. DATA SHEET
FCV5






The Flowfit modular check valve allows free flow in one direction and blocks the flow in the oposite direction.

Flowfit check valves are available for the A, B, P or T port and can be specified with a cracking pressure of 0.35bar or 3.5bar depending on the system requirements.

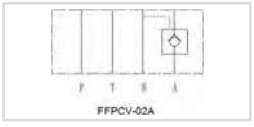
**SPECIFICATION**
**Nominal Size:** NG6
**Maximum Flow Rate:** 35 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight:** 1.2kg
**Manual Adjustment:** Standard on all valves

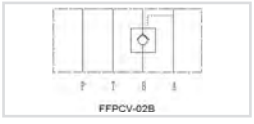
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFC-02P-05-20 | CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON P | £36.74 | € 49.60 |
| FFC-02P-50-20 | CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON P | £35.06 | € 47.33 |
| FFC-02A-05-20 | CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON A | £36.74 | € 49.60 |
| FFC-02A-50-20 | CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON A | £35.06 | € 47.33 |
| FFC-02B-05-20 | CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON B | £35.06 | € 47.33 |
| FFC-02B-50-20 | CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON B | £35.06 | € 47.33 |
| FFC-02T-05-20 | CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON T | £35.06 | € 47.33 |
| FFC-02T-50-20 | CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON T | £35.06 | € 47.33 |

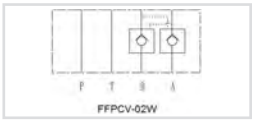
# FLOWFIT CETOP 3 NG6 MODULAR PILOT OPERATED CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV6






The Flowfit modular pilot operated (P/O) check valve allows free flow in one direction and pilot pressure allows flow in the opposite direction.

Flowfit pilot operated check valves are available for the A or B ports individually, or the A and B ports combined. They can be specified with a cracking pressure of 0.35bar or 3.5bar depending on the system requirements

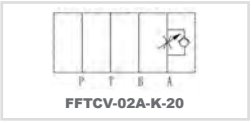
**SPECIFICATION**
**Nominal Size:** NG6
**Maximum Flow Rate:** 35 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight:** 1.1kg

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRIC | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPCV-02A-05-20 | CETOP 3 MODULAR P/O CHECK VALVE C/P 0.35BAR ON A | £38.94 | € 52.57 |
| FFPCV-02A-50-20 | CETOP 3 MODULAR P/O CHECK VALVE C/P 3.5BAR ON A | £38.94 | € 52.57 |
| FFPCV-02B-05-20 | CETOP 3 MODULAR P/O CHECK VALVE C/P 0.35BAR ON B | £38.94 | € 52.57 |
| FFPCV-02B-50-20 | CETOP 3 MODULAR P/O CHECK VALVE C/P 3.5BAR ON B | £40.90 | € 55.21 |
| FFPCV-02W-05-20 | CETOP 3 MODULAR P/O CHECK VALVE C/P 0.35BAR ON A AND B | £40.90 | € 55.21 |
| FFPCV-02W-50-20 | CETOP 3 MODULAR P/O CHECK VALVE C/P 3.5BAR ON A AND B | £36.74 | € 49.60 |

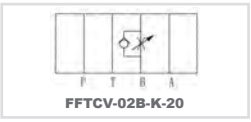
# FLOWFIT CETOP 3 NG6 MODULAR FLOW CONTROL VALVE WITH CHECK

www.flowfitonline.com
TECH. DATA SHEET
FCV7

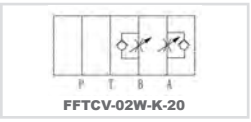




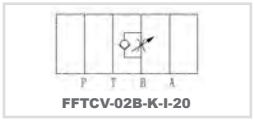
FFTCV-02A-K-20



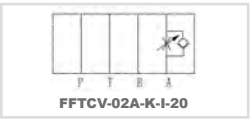
FFTCV-02B-K-20



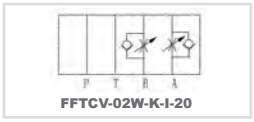
FFTCV-02W-K-20



FFTCV-02B-K-I-20



FFTCV-02A-K-I-20



FFTCV-02W-K-I-20

The Flowfit modular flow control valves regulate the flow of oil through the circuit in one direction whilst allowing free flow in the opposite direction using a check valve.

Two types of valve are available; the first meters the flow of oil into the circuit (allowing free flow out), while the second meters the flow out of the circuit (allowing free flow in).

Flow on the metered side can be adjusted using the plastic knob (standard on all modular flow control valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once the desired flow has been set (Available upon request).

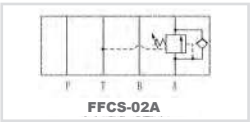
**SPECIFICATION**
**Nominal Size:** NG6
**Maximum Flow Rate:** 35 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight:** A, B 1.2kg
W 1.4kg
**Manual Adjustment:** Standard on all valves

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFTCV-02A-K-20 | CETOP 3 MODULAR FLOW CONTROL VALVE MTR OUT ON A PORT | £42.84 | € 57.83 |
| FFTCV-02A-K-I-20 | CETOP 3 MODULAR LFOW CONTROL VALVE MTR IN ON A PORT | £42.84 | € 57.83 |
| FFTCV-02B-K-20 | CETOP 3 MODULAR FLOW CONTROL VALVE MTR OUT ON B PORT | £42.84 | € 57.83 |
| FFTCV-02B-K-I-20 | CETOP 3 MODULAR LFOW CONTROL VALVE MTR IN ON B PORT | £42.84 | € 57.83 |
| FFTCV-02W-K-20 | CETOP 3 MODULAR FLOW CONTROL VALVE MTR OUT ON A+B PORT | £42.84 | € 57.83 |
| FFTCV-02W-K-I-20 | CETOP 3 MODULAR LFOW CONTROL VALVE MTR IN ON A+B PORT | £42.84 | € 57.83 |

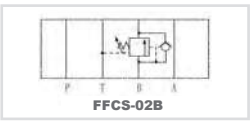
# FLOWFIT CETOP 3 NG6 MODULAR COUNTER BALANCE VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV8





FFCS-02A



FFCS-02B

The Flowfit modular counter balance valve is designed to equalize the pressure in a sepcific line of a hydraulic system.

Pressure can be adjusted using the plastic knob (standard on all modular counter balance valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once pressure has been set (Available upon request).

The pressure ranges available are:
8 - 70bar
35 - 140bar
70 - 250bar

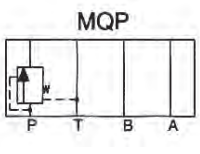
**SPECIFICATION**
**Nominal Size:** NG6
**Maximum Flow Rate:** 35 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight:** 1.5kg
**Manual Adjustment:** Standard on all valves

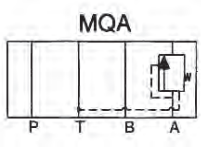
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFCS-02A-K-1-20 | CETOP 3 MODULAR COUNTER BALANCE VAVE 8-70BAR ON A LINE | £36.74 | € 49.60 |
| FFCS-02A-K-2-20 | CETOP 3 MODULAR COUNTER BALANCE VAVE 35-140BAR ON A LINE | £36.74 | € 49.60 |
| FFCS-02A-K-3-20 | CETOP 3 MODULAR COUNTER BALANCE VAVE 70-250BAR ON A LINE | £77.89 | € 105.15 |
| FFCS-02B-K-1-20 | CETOP 3 MODULAR COUNTER BALANCE VAVE 8-70BAR ON B LINE | £36.74 | € 49.60 |
| FFCS-02B-K-2-20 | CETOP 3 MODULAR COUNTER BALANCE VAVE 35-140BAR ON B LINE | £77.89 | € 105.15 |
| FFCS-02B-K-3-20 | CETOP 3 MODULAR COUNTER BALANCE VAVE 70-250BAR ON B LINE | £77.89 | € 105.15 |

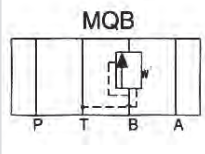
# FLOWFIT CETOP 3 SEQUENCE VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV11





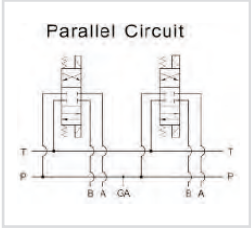




| CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MQP-02-★ | CETOP 3 SEQUENCE VALVE ON P PORT | £132.29 | € 178.60 |
| MQA-02-B | CETOP 3 SEQUENCE VALVE ON A PORT | £132.29 | € 178.60 |
| MQB-02-B | CETOP 3 SEQUENCE VALVE ON B PORT | £132.29 | € 178.60 |
| B = 8 - 70 Bar, C = 35 - 140 Bar, H = 105 - 250 Bar | | | |
| 02 = 40 l/m • H = Pressure Range | | | |

# FLOWFIT CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD

www.flowfitonline.com
TECH. DATA SHEET
FCV12






The Flowfit CETOP 3 parallel circuit manifold is precision machined from a mild steel block with sizes of 3/8"BSP for A & B ports and 1/2"BSP for P & T ports.

Flowfit manifolds are available from 1 to 10 stations with a 1/4"BSP Gauge port machined as standard on the 2 station and above (not available on the 1 station manifold).

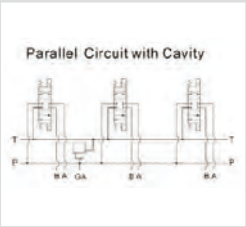
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MD-03P-1-G | CETOP 3 1 STATION STEEL MANIFOLD NO RV CAVITY | £23.37 | € 31.55 |
| MD-03P-2-G | CETOP 3 2 STATION STEEL MANIFOLD NO RV CAVITY | £42.84 | € 57.83 |
| MD-03P-3-G | CETOP 3 3 STATION STEEL MANIFOLD NO RV CAVITY | £62.96 | € 85.00 |
| MD-03P-4-G | CETOP 3 4 STATION STEEL MANIFOLD NO RV CAVITY | £85.69 | € 115.68 |
| MD-03P-5-G | CETOP 3 5 STATION STEEL MANIFOLD NO RV CAVITY | £109.05 | € 147.21 |
| MD-03P-6-G | CETOP 3 6 STATION STEEL MANIFOLD NO RV CAVITY | £132.42 | € 178.76 |
| MD-03P-7-G | CETOP 3 7 STATION STEEL MANIFOLD NO RV CAVITY | £155.79 | € 210.32 |
| MD-03P-8-G | CETOP 3 8 STATION STEEL MANIFOLD NO RV CAVITY | £179.15 | € 241.86 |
| MD-03P-9-G | CETOP 3 9 STATION STEEL MANIFOLD NO RV CAVITY | £202.52 | € 273.40 |
| MD-03P-10-G | CETOP 3 10 STATION STEEL MANIFOLD NO RV CAVITY | £229.78 | € 310.21 |



# FLOWFIT CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD WITH RELIEF VALVE CAVITY

www.flowfitonline.com
TECH. DATA SHEET
FCV9






The Flowfit CETOP 3 parallel circuit manifold is precision machined from a steel block with sizes of 3/8"BSP for A & B ports and 1/2"BSP for P & T ports. The manifold also comes with a machined port for a relief valve.

Flowfit manifolds are available from 1 to 10 stations with a 1/4"BSP Gauge port machined as standard on the 2 station and above (not available on the 1 station manifold).

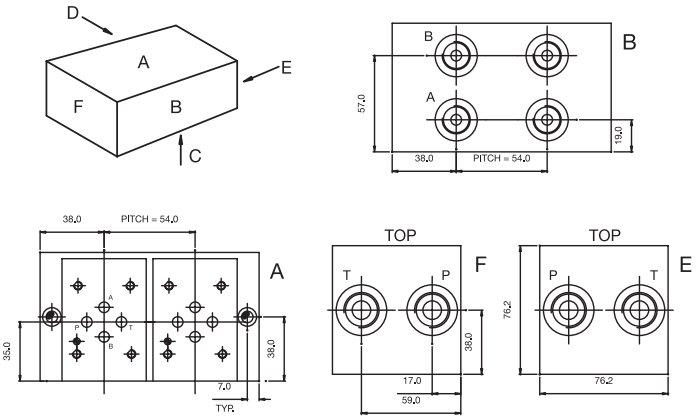
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MD-03P-1-G-M26 | CETOP 3 1 STATION STEEL MANIFOLD WITH RV CAVITY | £59.96 | € 80.96 |
| MD-03P-2-G-M26 | CETOP 3 2 STATION STEEL MANIFOLD WITH RV CAVITY | £75.62 | € 102.09 |
| MD-03P-3-G-M26 | CETOP 3 3 STATION STEEL MANIFOLD WITH RV CAVITY | £102.08 | € 137.81 |
| MD-03P-4-G-M26 | CETOP 3 4 STATION STEEL MANIFOLD WITH RV CAVITY | £129.14 | € 174.33 |
| MD-03P-5-G-M26 | CETOP 3 5 STATION STEEL MANIFOLD WITH RV CAVITY | £158.91 | € 214.52 |
| MD-03P-6-G-M26 | CETOP 3 6 STATION STEEL MANIFOLD WITH RV CAVITY | £183.17 | € 247.27 |
| MD-03P-7-G-M26 | CETOP 3 7 STATION STEEL MANIFOLD WITH RV CAVITY | £214.01 | € 288.91 |
| MD-03P-8-G-M26 | CETOP 3 8 STATION STEEL MANIFOLD WITH RV CAVITY | £246.62 | € 332.94 |
| MD-03P-9-G-M26 | CETOP 3 9 STATION STEEL MANIFOLD WITH RV CAVITY | £271.52 | € 366.56 |
| MD-03P-10-G-M26 | CETOP 3 10 STATION STEEL MANIFOLD WITH RV CAVITY | £302.03 | € 407.74 |
| VC0800/300 | CETOP 3 RELIEF CARTRIDGE ONLY | £21.78 | € 29.41 |

**NOTE**
VC0800/300 Cetop 3 Relief Valve Cartridge needs to be purchsed when ordering 'Cetop 3 NG6 Steel Parallel Circuit with Relief Valve Cavity'.

# FLOWFIT SIDE ENTRY CETOP 3

UK MADE

www.flowfitonline.com
TECH. DATA SHEET
FCV10




**ORDERING CODE INFORMATION**

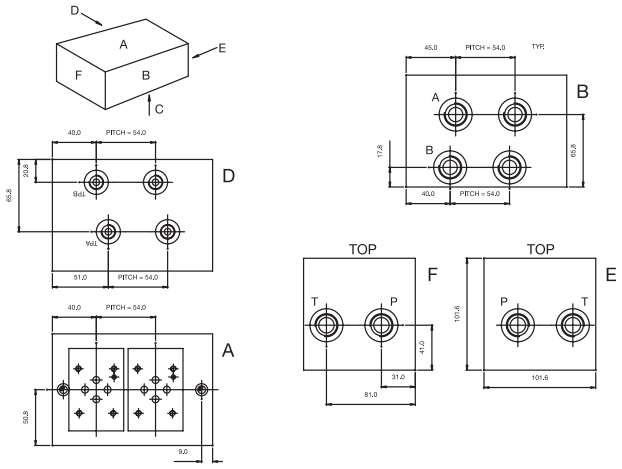
| | |
|---|---|
| **Steel** | Code No. 105161/★<br>Alum. Alloy<br>Available on request<br>★= Number of stations |
| **Material** | Steel<br>Alum. Alloy |
| **Working Pressure** | Steel 315 Bar<br>Alum. Alloy 250 Bar |
| **'A' and 'B' Ports** | 3/8" BSP |
| **'P' and 'T' Ports** | 1/2" BSP |
| **Valve Fixings** | M5 x 12<br>Full Thread |
| **Manifold Fixings** | 6.8 Dia Through<br>C'Bore 11 Dia x 9 dp |
| **Pitch** | 54.0mm |

| SIDE ENTRY • CETOP 3 | | | | | |
|---|---|---|---|---|---|
| ORDER CODE | NUMBER OF STATIONS | OVERALL LENGTH | OVERALL WEIGHT | NETT. PRICE | |
| | | | | £ STERLING | € EUROS |
| 105161/1 | ONE | 76.0 | 3.0 Kgs | £76.00 | € 102.60 |
| 105161/2 | TWO | 130.0 | 5.3 Kgs | £112.30 | € 151.61 |
| 105161/3 | THREE | 184.0 | 7.6 Kgs | £143.46 | € 193.65 |
| 105161/4 | FOUR | 238.0 | 10.0 Kgs | £179.80 | € 242.72 |
| 105161/5 | FIVE | 292.0 | 12.2 Kgs | £226.41 | € 305.66 |
| 105161/6 | SIX | 346.0 | 14.5 Kgs | £273.27 | € 368.92 |
| 105161/7 | SEVEN | 400.0 | 16.8 Kgs | £325.72 | € 439.72 |
| 105161/8 | EIGHT | 454.0 | 19.1 Kgs | £376.97 | € 508.92 |

# FLOWFIT SIDE ENTRY TEST POINT CETOP 3

UK MADE

www.flowfitonline.com
TECH. DATA SHEET
FCV13




**ORDERING CODE INFORMATION**

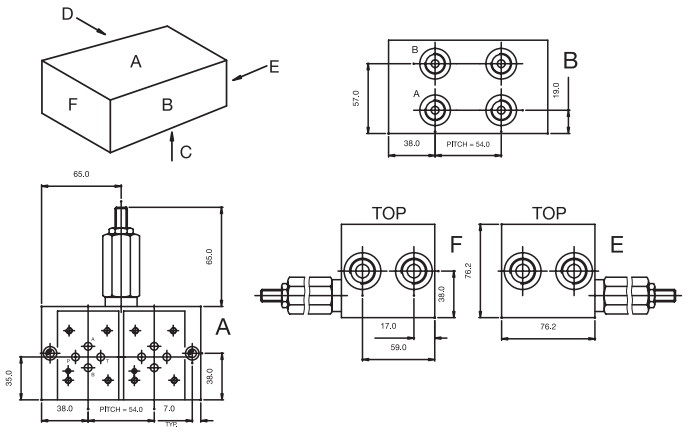
| | |
|---|---|
| **Steel** | Code No. 125161/★<br>Alum. Alloy<br>Available on request<br>★= Number of stations |
| **Material** | Steel<br>Alum. Alloy |
| **Working Pressure** | Steel 315 Bar<br>Alum. Alloy 250 Bar |
| **'A' and 'B' Ports** | 1/2" BSP |
| **'P' and 'T' Ports** | 1/2" BSP |
| **Test Points** | 1/4" BSP |
| **Valve Fixings** | M5 x 12<br>Full Thread |
| **Manifold Fixings** | 6.8 Dia Through<br>C'Bore 11 Dia x 9 dp |
| **Pitch** | 54.0mm |

| SIDE ENTRY TEST POINT • CETOP 3 | | | | | |
|---|---|---|---|---|---|
| **ORDER CODE** | **NUMBER OF STATIONS** | **OVERALL LENGTH** | **OVERALL WEIGHT** | **NETT. PRICE** | |
| | | | | **£ STERLING** | **€ EUROS** |
| 125161/1 | ONE | 92.0 | 6.7 Kgs | £169.73 | € 229.14 |
| 125161/2 | TWO | 146.0 | 10.7 Kgs | £256.28 | € 345.99 |
| 125161/3 | THREE | 200.0 | 14.6 Kgs | £342.44 | € 462.28 |
| 125161/4 | FOUR | 254.0 | 18.6 Kgs | £429.95 | € 580.42 |
| 125161/5 | FIVE | 308.0 | 22.5 Kgs | £516.88 | € 697.79 |
| 125161/6 | SIX | 362.0 | 26.5 Kgs | £606.28 | € 818.48 |
| 125161/7 | SEVEN | 416.0 | 30.5 Kgs | £696.82 | € 940.71 |
| 125161/8 | EIGHT | 416.0 | 34.5 Kgs | £786.00 | € 1,061.10 |

# FLOWFIT SIDE ENTRY RELIEF VALVE CETOP 3

UK MADE

www.flowfitonline.com
TECH. DATA SHEET
FCV4




**ORDERING CODE INFORMATION**

| | |
|---|---|
| **Steel** | Code No. 115161/★<br>Alum. Alloy<br>Available on request<br>★= Number of stations |
| **Material** | Steel<br>Alum. Alloy |
| **Working Pressure** | Steel 315 Bar<br>Alum. Alloy 250 Bar |
| **'A' and 'B' Ports** | 3/8" BSP |
| **'P' and 'T' Ports** | 1/2" BSP |
| **Valve Fixings** | M5 x 12<br>Full Thread |
| **Manifold Fixings** | 6.8 Dia Through<br>C'Bore 11 Dia x 9 dp |
| **Adjustable Press.** | 5 to 420 Bar Range |
| **Pitch** | 54.0mm |

| SIDE ENTRY RELIEF VALVE • CETOP 3 | | | | | |
|---|---|---|---|---|---|
| **ORDER CODE** | **NUMBER OF STATIONS** | **OVERALL LENGTH** | **OVERALL WEIGHT** | **NETT. PRICE** | |
| | | | | **£ STERLING** | **€ EUROS** |
| 115161/1 | ONE | 105.0 | 4.1 Kgs | £233.73 | € 315.53 |
| 115161/2 | TWO | 130.0 | 5.3 Kgs | £251.16 | € 339.08 |
| 115161/3 | THREE | 184.0 | 7.6 Kgs | £301.29 | € 406.75 |
| 115161/4 | FOUR | 238.0 | 10.0 Kgs | £337.62 | € 455.78 |
| 115161/5 | FIVE | 292.0 | 12.2 Kgs | £384.32 | € 518.82 |
| 115161/6 | SIX | 346.0 | 14.5 Kgs | £430.96 | € 581.81 |
| 115161/7 | SEVEN | 400.0 | 16.8 Kgs | £483.43 | € 652.62 |
| 115161/8 | EIGHT | 454.0 | 19.1 Kgs | £534.32 | € 721.33 |

# FLOWFIT CETOP 3 NG6 STEEL SUBPLATE WITH SIDE PORTS

www.flowfitonline.com
TECH. DATA SHEET
FCV15



The Flowfit CETOP 3 subplate is machined from steel and is available with 3/8"BSP, 1/2"BSP or 3/4"BSP side ports.

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| D-03-SP-S-6G | CETOP 3 SUBPLATE SIDE ENTRY 3/8" BSPP PORTED | £17.52 | € 23.65 |
| D-03-SP-S-8G | CETOP 3 SUBPLATE SIDE ENTRY 1/2" BSPP PORTED | £19.25 | € 25.97 |
| D-03-SP-S-12G | CETOP 3 SUBPLATE SIDE ENTRY 3/4" BSPP PORTED | £29.99 | € 40.49 |

# FLOWFIT CETOP 3 NG6 STEEL SUBPLATE WITH BASE PORTS

www.flowfitonline.com
TECH. DATA SHEET
FCV16



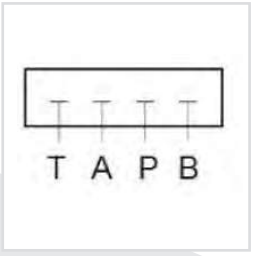
The Flowfit CETOP 3 subplate is machined from steel and is available with 3/8"BSP, 1/2"BSP or 3/4"BSP base ports.

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| D-03-SP-B-6G | CETOP 3 SUBPLATE BASE ENTRY 3/8" BSPP PORTED | £17.52 | € 23.65 |
| D-03-SP-B-8G | CETOP 3 SUBPLATE BASE ENTRY 1/2" BSPP PORTED | £19.25 | € 25.97 |
| D-03-SP-B-12G | CETOP 3 SUBPLATE BASE ENTRY 3/4" BSPP PORTED | £29.99 | € 40.49 |
| DSGM-02-032-B25-BSPP | CETOP 3 3/8" P+T BOTTOM, A + B SIDE | £33.69 | € 45.47 |

# FLOWFIT CETOP 3 NG6 STEEL COVER PLATE

www.flowfitonline.com
TECH. DATA SHEET
FCV17






The Flowfit steel cover plate replaces a CETOP 3 solenoid valve on the steel manifold, providing a pressure blank to enable the remaining stations to operate.




| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| D-03-CP-G | CETOP 3 COVER PLATE | £5.50 | € 7.42 |

# FLOWFIT CETOP 5 NG10 SOLENOID DIRECTIONAL CONTROL VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV18

Flowfit offer a large range of solenoid operated CETOP 5 NG10 with a maximum flow of 120 l/min, commonly used in powerpacks and other hydraulic applications. Available in 12VDC, 24VDC, 110VAC and 220VAC.

Flowfit F5-03 series CETOP 5 NG10 solenoid valves are Electro-Hydraulic spool type valves. They are solenoid operated and control the start, stop and direction of the oil flow in the hydraulic circuit.

They are used for hydraulic powerpacks as well as for stand alone hydraulic manifold blocks.

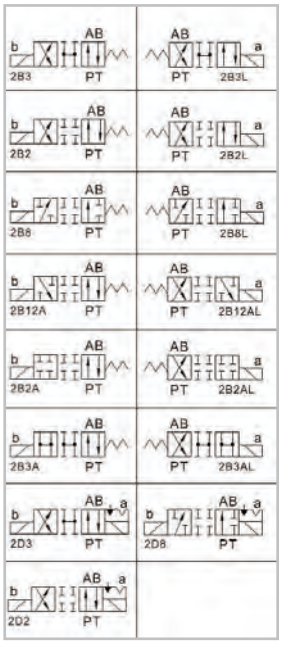








**SPECIFICATION**
**Nominal Size:** NG10
**Maximum Flow Rate:** 120 l/min
**Maximum Pressure:** A,B,P = 315 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Switch Cycles** **Open:** 50 ~ 60ms
**Closed:** 50 ~ 70ms
**Switch Frequency:** 15000 times per hour
**Insulation Grade:** IP65
**Weight:** Single Solenoid: 4.8kg,
Double Solenoid: 6.1kg
**Voltages:** 12VDC=D1, 24VDC=D2, 1 10V/AC 50HZ=A1, 220V/AC 50HZ=A2
**Manual Override:** Standard on all valves
**Connector Type:** DIN Plug (with LED)




**FLOWFIT CETOP 5 NG10 SPRING CENTERED 3 POSITION DOUBLE ACTING SOLENOID DIRECTIONAL CONTROL VALVE**

| PRODUCT REFERENCE | DOUBLE SOLENOID | CONFIGURATION | SPOOL RETURN | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| F5-03-3C2-** | Double | 3 Position | Spring | £93.47 | € 126.19 |
| F5-03-3C3-** | Double | 3 Position | Spring | £93.47 | € 126.19 |
| F5-03-3C4-** | Double | 3 Position | Spring | £93.47 | € 126.19 |
| F5-03-3C5-** | Double | 3 Position | Spring | £93.47 | € 126.19 |
| F5-03-3C9-** | Double | 3 Position | Spring | £93.47 | € 126.19 |
| F5-03-3C10-** | Double | 3 Position | Spring | £93.47 | € 126.19 |
| F5-03-3C11-** | Double | 3 Position | Spring | £93.47 | € 126.19 |
| F5-03-3C12-** | Double | 3 Position | Spring | £93.47 | € 126.19 |
| F5-03-3C25-** | Double | 3 Position | Spring | £93.47 | € 126.19 |
| F5-03-3C40-** | Double | 3 Position | Spring | £93.47 | € 126.19 |
| F5-03-3C60-** | Double | 3 Position | Spring | £93.47 | € 126.19 |

**NOTE: SUBSTITUTE THE ** WITH VOLTAGE PREFERENCE. 12VDC=D1, 24VDC=D2, 110V/AC 50HZ=A1, 220V/AC 50HZ=A2**

| SPRING OFFSET 2 POSITION SOLENOID DIRECTIONAL CONTROL VALVE | | | | | |
|---|---|---|---|---|---|
| **PRODUCT REFERENCE** | **SINGLE SOLENOID** | **CONFIGURATION** | **SPOOL RETURN** | **NETT. PRICE** | |
| | | | | **£ STERLING** | **€ EUROS** |
| F5-03-2B2-** | Single | 2 Position | Spring | £93.47 | € 126.19 |
| F5-03-2B2L-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B2A-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B2AL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B2B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B2BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B3-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B3L-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B3A-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B3AL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B3B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B3BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B4B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B4BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B5B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B5BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B8-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B8L-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B9B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B9BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B10B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B10BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B11B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B11BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B12A-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B12AL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B12B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |

| SPRING CENTERED 2 POSITION SOLENOID DIRECTIONAL CONTROL VALVE | | | | | |
|---|---|---|---|---|---|
| **PRODUCT REFERENCE** | **SINGLE SOLENOID** | **CONFIGURATION** | **SPOOL RETURN** | **NETT. PRICE** | |
| | | | | **£ STERLING** | **€ EUROS** |
| F5-03-2B12BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B25B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B25BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B40B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B40BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B60B-** | Single | 2 Position | Spring | £61.02 | € 82.38 |
| F5-03-2B60BL-** | Single | 2 Position | Spring | £61.02 | € 82.38 |

**NOTE: SUBSTITUTE THE ** WITH VOLTAGE PREFERENCE.12VDC=D1, 24VDC=D2, 110V/AC 50HZ=A1, 220V/AC 50HZ=A2**

# FLOWFIT CETOP 5 HAND OPERATED DIRECTIONAL CONTROL VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV19



MAXIMUM FLOW: 50 l/min
MAXIMUM PRESSURE: 250 Bar

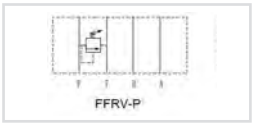
SEE SPOOL CONFIGUARATIONS ON PREVIOUS PAGE

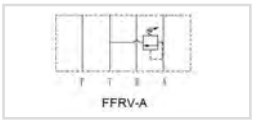
| SUBPLATE | SPRING CENTRED | DETENT | PRICE | |
|---|---|---|---|---|
| | | | **£ STERLING** | **€ EUROS** |
| DMG-03-* | W | ****** | £160.70 | € 216.94 |
| DMG-03-* | ****** | O | £171.84 | € 231.97 |

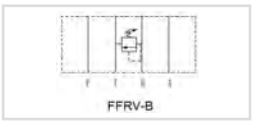
# FLOWFIT CETOP 5 NG10 MODULAR RELIEF VALVE

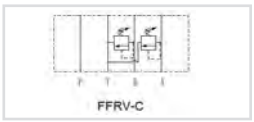
www.flowfitonline.com
TECH. DATA SHEET
FCV20






The Flowfit CETOP 5 NG10 Modular Relief Valve is available in a variety of configurations to control pressure in either the P, A or B ports.

There are three pressure ranges to choose from, providing the versatility to control system pressure in any application.

Pressure can be adjusted using the plastic knob (standard on all modular relief valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once pressure has been set (Available upon request).

The pressure ranges available are:
8 - 70bar
35 - 140bar
70 - 250bar

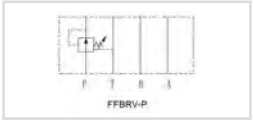
**SPECIFICATION**
**Nominal Size:** NG10
**Maximum Flow Rate:** 70 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight** P, A, B: 3.3kg
C: 3.7kg
**Manual Adjustment:** Standard on all valves

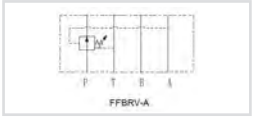
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFRV-03P-K-1-20 | CETOP 5 MODULAR RELIEF VALVE 8-70BAR ON P | £60.36 | € 81.49 |
| FFRV-03P-K-2-20 | CETOP 5 MODULAR RELIEF VALVE 35-140BAR ON P | £60.36 | € 81.49 |
| FFRV-03P-K-3-20 | CETOP 5 MODULAR RELIEF VALVE 70-250BAR ON P | £60.36 | € 81.49 |
| FFRV-03A-K-1-20 | CETOP 5 MODULAR RELIEF VALVE 8-70BAR ON A | £60.36 | € 81.49 |
| FFRV-03A-K-2-20 | CETOP 5 MODULAR RELIEF VALVE 35-140BAR ON A | £60.36 | € 81.49 |
| FFRV-03A-K-3-20 | CETOP 5 MODULAR RELIEF VALVE 70-250BAR ON A | £69.98 | € 94.48 |
| FFRV-03B-K-1-20 | CETOP 5 MODULAR RELIEF VALVE 8-70BAR ON B | £60.36 | € 81.49 |
| FFRV-03B-K-2-20 | CETOP 5 MODULAR RELIEF VALVE 35-140BAR ON B | £60.36 | € 81.49 |
| FFRV-03B-K-3-20 | CETOP 5 MODULAR RELIEF VALVE 70-250BAR ON B | £69.98 | € 94.48 |
| FFRV-03C-K-1-20 | CETOP 5 MODULAR RELIEF VALVE 8-70BAR ON A+B | £77.89 | € 105.15 |
| FFRV-03C-K-2-20 | CETOP 5 MODULAR RELIEF VALVE 35-140BAR ON A+B | £84.13 | € 113.58 |
| FFRV-03C-K-3-20 | CETOP 5 MODULAR RELIEF VALVE 70-250BAR ON A+B | £77.89 | € 105.15 |

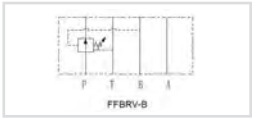
# FLOWFIT CETOP 5 NG10 MODULAR REDUCING VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV21






The Flowfit modular reducing valve is designed to lower the pressure in a specific circuit compared to the main system pressure.

There are three pressure ranges to choose from, providing the versatility to control individual circuit pressure.

Pressure can be adjusted using the plastic knob (standard on all modular reducing valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once pressure has been set (Available upon request).

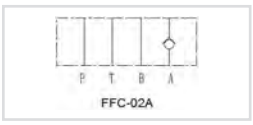
The pressure ranges available are:
8 - 70bar
35 - 140bar
70 - 250bar

**SPECIFICATION**
**Nominal Size:** NG10
**Maximum Flow Rate:** 70 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight:** 3.3kg
**Manual Adjustment:** Standard on all valves

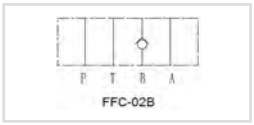
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFBRV-03P-K-1-20 | CETOP 5 MODULAR REDUCING VALVE 8-70BAR ON P | £60.36 | € 81.49 |
| FFBRV-03P-K-2-20 | CETOP 5 MODULAR REDUCING VALVE 35-140BAR ON P | £60.36 | € 81.49 |
| FFBRV-03P-K-3-20 | CETOP 5 MODULAR REDUCING VALVE 70-250BAR ON P | £60.36 | € 81.49 |
| FFBRV-03A-K-1-20 | CETOP 5 MODULAR REDUCING VALVE 8-70BAR ON A | £60.36 | € 81.49 |
| FFBRV-03A-K-2-20 | CETOP 5 MODULAR REDUCING VALVE 35-140BAR ON A | £60.36 | € 81.49 |
| FFBRV-03A-K-3-20 | CETOP 5 MODULAR REDUCING VALVE 70-250BAR ON A | £60.36 | € 81.49 |
| FFBRV-03B-K-1-20 | CETOP 5 MODULAR REDUCING VALVE 8-70BAR ON B | £60.36 | € 81.49 |
| FFBRV-03B-K-2-20 | CETOP 5 MODULAR REDUCING VALVE 35-140BAR ON B | £60.36 | € 81.49 |
| FFBRV-03B-K-3-20 | CETOP 5 MODULR REDUCING VALVE 70-250BAR ON B | £60.36 | € 81.49 |

# FLOWFIT CETOP 5 NG10 MODULAR CHECK VALVE

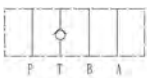
www.flowfitonline.com
TECH. DATA SHEET
FCV22



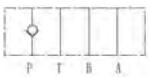
FFC-02A



FFC-02B



FFC-02T



FFC-02P

The Flowfit modular check valve allows free flow in one direction and blocks the flow in the oposite direction.

Flowfit check valves are available for the A, B, P or T port and can be specified with a cracking pressure of 0.35bar or 3.5bar depending on the system requirements.

**SPECIFICATION**
**Nominal Size:** NG10
**Maximum Flow Rate:** 70 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight:** 2.5kg

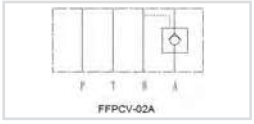



| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFC-03P-05-20 | CETOP 5 MODULAR CHECK VALVE C/P 0.35BAR ON P | £54.52 | € 73.60 |
| FFC-03P-50-20 | CETOP 5 MODULAR CHECK VALVE C/P 3.5BAR ON P | £54.52 | € 73.60 |
| FFC-03A-05-20 | CETOP 5 MODULAR CHECK VALVE C/P 0.35BAR ON A | £54.52 | € 73.60 |
| FFC-03A-50-20 | CETOP 5 MODULAR CHECK VALVE C/P 3.5BAR ON A | £54.52 | € 73.60 |
| FFC-03B-05-20 | CETOP 5 MODULAR CHECK VALVE C/P 0.35BAR ON B | £54.52 | € 73.60 |
| FFC-03B-50-20 | CETOP 5 MODULAR CHECK VALVE C/P 3.5BAR ON B | £54.52 | € 73.60 |
| FFC-03T-05-20 | CETOP 5 MODULAR CHECK VALVE C/P 0.35BAR ON T | £54.52 | € 73.60 |
| FFC-03T-50-20 | CETOP 5 MODULAR CHECK VALVE C/P 3.5BAR ON T | £54.52 | € 73.60 |

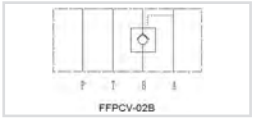
# FLOWFIT CETOP 5 NG10 MODULAR PILOT OPERATED CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV23

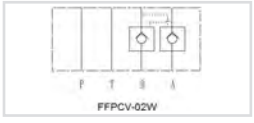




FFPCV-02A



FFPCV-02B



FFPCV-02W

The Flowfit modular pilot operated (P/O) check valve allows free flow in one direction and pilot pressure allows flow in the opposite direction.

Flowfit pilot operated check valves are available for the A or B ports individually, or the A and B ports combined. They can be specified with a cracking pressure of 0.35bar or 3.5bar depending on the system requirements

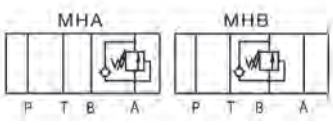
**SPECIFICATION**
**Nominal Size:** NG10
**Maximum Flow Rate:** 70 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight:** 2.6kg

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRIC | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPCV-03A-05-20 | CETOP 5 MODULAR P/O CHECK VALVE C/P 0.35BAR ON A | £84.13 | € 113.57 |
| FFPCV-03A-50-20 | CETOP 5 MODULAR P/O CHECK VALVE C/P 3.5BAR ON A | £84.13 | € 113.57 |
| FFPCV-03B-05-20 | CETOP 5 MODULAR P/O CHECK VALVE C/P 0.35BAR ON B | £84.13 | € 113.57 |
| FFPCV-03B-50-20 | CETOP 5 MODULAR P/O CHECK VALVE C/P 3.5BAR ON B | £84.13 | € 113.57 |
| FFPCV-03W-05-20 | CETOP 5 MODULAR P/O CHECK VALVE C/P 0.35BAR ON A & B | £103.60 | € 139.86 |
| FFPCV-03W-50-20 | CETOP 5 MODULAR P/O CHECK VALVE C/P 3.5BAR ON A & B | £103.60 | € 139.86 |

# FLOWFIT CETOP 5 COUNTER BALANCE VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV24



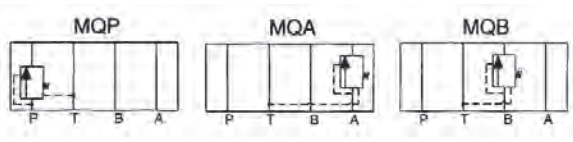



| CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| MHA-03-★ | £142.83 | € 192.81 |
| MHB-03-★ | £142.83 | € 192.81 |
| Pressure Ranges B = 8 - 70 Bar, H = 20 - 250 Bar | | |
| Max. Flow 03 = 80 l/m • ★ = Pressure Range | | |

# FLOWFIT CETOP 5 SEQUENCE VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV25



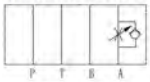



| CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MQP-03-★ | CETOP 5 SEQUENCE VALVE ON P PORT | £187.48 | € 253.09 |
| MQA-03-★ | CETOP 5 SEQUENCE VALVE ON A PORT | £187.48 | € 253.09 |
| MQB-03-★ | CETOP 5 SEQUENCE VALVE ON B PORT | £187.48 | € 253.09 |
| Pressure Ranges B = 8 - 70 Bar, C = 35 - 140 Bar, H = 105 - 250 Bar | | | |
| Max. Flow 03 = 80 l/m • ★ = Pressure Range | | | |

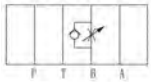
# FLOWFIT CETOP 5 NG10 MODULAR FLOW CONTROL VALVE WITH CHECK

www.flowfitonline.com
TECH. DATA SHEET
FCV26

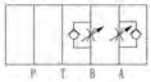




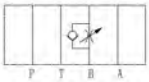
FFTCV-02A-K-20



FFTCV-02B-K-20



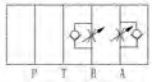
FFTCV-02W-K-20



FFTCV-02B-K-I-20



FFTCV-02A-K-I-20



FFTCV-02W-K-I-20

The Flowfit modular flow control valves regulate the flow of oil through the circuit in one direction whilst allowing free flow in the opposite direction using a check valve.

Two types of valve are available; the first meters the flow of oil into the circuit (allowing free flow out), while the second meters the flow out of the circuit (allowing free flow in).

Flow on the metered side can be adjusted using the plastic knob (standard on all modular flow control valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once the desired flow has been set (Available upon request).

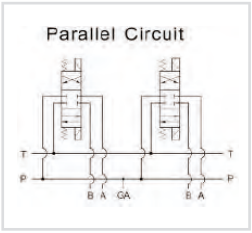
**SPECIFICATION**
**Nominal Size:** NG6
**Maximum Flow Rate:** 70 l/min
**Maximum Pressure:** 250 Bar
**Seal Material:**- NBR
**Max Fluid Temperature:** -20° to 70°C
**Oil Viscosity:** -2.8 to 380 mm2/s
**Weight:** A, B 2.6kg
W 2.8kg
**Manual Adjustment:** Standard on all valves

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFTCV-03A-K-20 | CETOP 5 MODULAR FLOW CONTROL VALVE MTR OUT ON A PORT | £60.36 | € 81.49 |
| FFTCV-03A-K-I-20 | CETOP 5 MODULAR LFOW CONTROL VALVE MTR IN ON A PORT | £60.36 | € 81.49 |
| FFTCV-03B-K-20 | CETOP 5 MODULAR FLOW CONTROL VALVE MTR OUT ON B PORT | £60.36 | € 81.49 |
| FFTCV-03B-K-I-20 | CETOP 5 MODULAR LFOW CONTROL VALVE MTR IN ON B PORT | £60.36 | € 81.49 |
| FFTCV-03W-K-20 | CETOP 5 MODULAR FLOW CONTROL VALVE MTR OUT ON A & B PORT | £64.26 | € 86.76 |
| FFTCV-03W-K-I-20 | CETOP 5 MODULAR LFOW CONTROL VALVE MTR IN ON A & B PORT | £64.26 | € 86.76 |

# FLOWFIT CETOP 5 NG10 STEEL PARALLEL CIRCUIT MANIFOLD

www.flowfitonline.com
TECH. DATA SHEET
FCV27






The Flowfit CETOP 5 parallel circuit manifold is precision machined from a mild steel block with sizes of 1/2"BSP for A & B ports and 3/4"BSP for P & T ports.

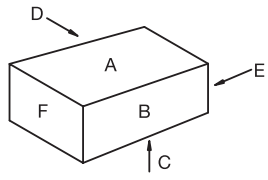
Flowfit manifolds are available from 1 to 10 stations with a 1/4"BSP Gauge port machined as standard on the 2 station and above (not available on the 1 station manifold).

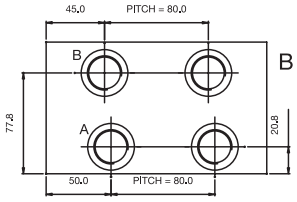
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MD-05P-1-G | CETOP 5 1 STATION STEEL MANIFOLD NO RV CAVITY | £42.84 | € 57.83 |
| MD-05P-2-G | CETOP 5 2 STATION STEEL MANIFOLD NO RV CAVITY | £85.69 | € 115.68 |
| MD-05P-3-G | CETOP 5 3 STATION STEEL MANIFOLD NO RV CAVITY | £132.42 | € 178.76 |
| MD-05P-4-G | CETOP 5 4 STATION STEEL MANIFOLD NO RV CAVITY | £177.21 | € 239.23 |
| MD-05P-5-G | CETOP 5 5 STATION STEEL MANIFOLD NO RV CAVITY | £221.99 | € 299.69 |
| MD-05P-6-G | CETOP 5 6 STATION STEEL MANIFOLD NO RV CAVITY | £270.67 | € 365.41 |
| MD-05P-7-G | CETOP 5 7 STATION STEEL MANIFOLD NO RV CAVITY | £319.36 | € 431.14 |
| MD-05P-8-G | CETOP 5 8 STATION STEEL MANIFOLD NO RV CAVITY | £369.99 | € 499.49 |
| MD-05P-9-G | CETOP 5 9 STATION STEEL MANIFOLD NO RV CAVITY | £418.67 | € 565.21 |
| MD-05P-10-G | CETOP 5 10 STATION STEEL MANIFOLD NO RV CAVITY | £469.30 | € 633.56 |

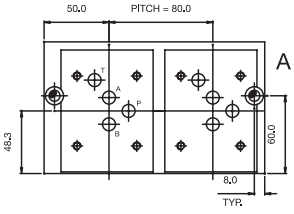
# FLOWFIT SIDE ENTRY CETOP 5

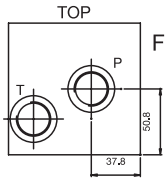
UK MADE

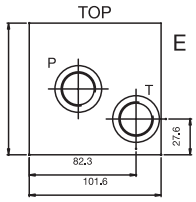
www.flowfitonline.com
TECH. DATA SHEET
FCV28




**ORDERING CODE INFORMATION**

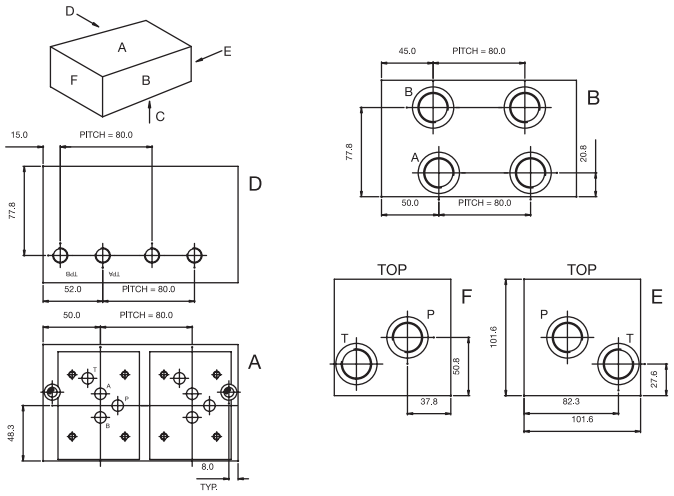
| | |
|---|---|
| **Steel** | Code No. 205171/★<br>Alum. Alloy<br>Available on request<br>★= Number of stations |
| **Material** | Steel<br>Alum. Alloy |
| **Working Pressure** | Steel 315 Bar<br>Alum. Alloy 250 Bar |
| **'A' and 'B' Ports** | 3/4" BSP |
| **'P' and 'T' Ports** | 3/4" BSP |
| **Valve Fixings** | M6 x 12<br>Full Thread |
| **Manifold Fixings** | 8.5 Dia Through<br>C'Bore 11 Dia x 9 dp |
| **Pitch** | 80.0mm |

| SIDE ENTRY • CETOP 5 | | | | | |
|---|---|---|---|---|---|
| ORDER CODE | NUMBER OF STATIONS | OVERALL LENGTH | OVERALL WEIGHT | PRICE | |
| | | | | £ STERLING | € EUROS |
| 205171/1 | ONE | 90.0 | 7.0 Kgs | £130.59 | € 176.30 |
| 205171/2 | TWO | 170.0 | 12.5 Kgs | £178.90 | € 241.51 |
| 205171/3 | THREE | 250.0 | 18.0 Kgs | £236.75 | € 319.60 |
| 205171/4 | FOUR | 330.0 | 24.0 Kgs | £305.29 | € 412.15 |
| 205171/5 | FIVE | 410.0 | 30.0 Kgs | £375.28 | € 506.62 |
| 205171/6 | SIX | 490.0 | 36.0 Kgs | £454.67 | € 613.80 |

# FLOWFIT SIDE ENTRY TEST POINT CETOP 5

UK MADE

www.flowfitonline.com
TECH. DATA SHEET
FCV29




**ORDERING CODE INFORMATION**

| | |
|---|---|
| **Steel** | Code No. 225171/★<br>Alum. Alloy<br>Available on request<br>★= Number of stations |
| **Material** | Steel<br>Alum. Alloy |
| **Working Pressure** | Steel 315 Bar<br>Alum. Alloy 250 Bar |
| **'A' and 'B' Ports** | 3/4" BSP |
| **'P' and 'T' Ports** | 3/4" BSP |
| **Test Points** | 1/4" BSP |
| **Valve Fixings** | M6 x 12<br>Full Thread |
| **Manifold Fixings** | 8.5 Dia Through<br>C'Bore 11 Dia x 9 dp |
| **Pitch** | 80.0mm |

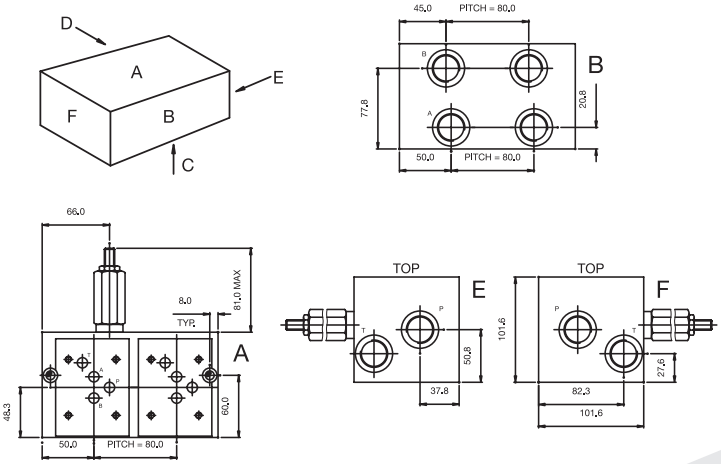
**SIDE ENTRY TEST POINT • CETOP 5**

| ORDER CODE | NUMBER OF STATIONS | OVERALL LENGTH | OVERALL WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| 225171/1 | ONE | 90.0 | 7.0 Kgs | £181.40 | € 244.88 |
| 225171/2 | TWO | 170.0 | 12.5 Kgs | £280.42 | € 378.57 |
| 225171/3 | THREE | 250.0 | 18.0 Kgs | £391.95 | € 529.14 |
| 225171/4 | FOUR | 330.0 | 24.0 Kgs | £511.65 | € 690.72 |
| 225171/5 | FIVE | 410.0 | 30.0 Kgs | £631.41 | € 852.40 |
| 225171/6 | SIX | 490.0 | 36.0 Kgs | £763.75 | € 1,031.07 |

# FLOWFIT SIDE ENTRY RELIEF VALVE CETOP 5

UK MADE

www.flowfitonline.com
TECH. DATA SHEET
FCV30




**ORDERING CODE INFORMATION**

| | |
|---|---|
| **Steel** | Code No. 215171/★<br>Alum. Alloy<br>Available on request<br>★= Number of stations |
| **Material** | Steel<br>Alum. Alloy |
| **Working Pressure** | Steel 315 Bar<br>Alum. Alloy 250 Bar |
| **'A' and 'B' Ports** | 3/4" BSP |
| **'P' and 'T' Ports** | 3/4" BSP |
| **Valve Fixings** | M6 x 12<br>Full Thread |
| **Manifold Fixings** | 8.5 Dia Through<br>C'Bore 11 Dia x 9 dp |
| **Adjustable Press.** | 5 to 420 Bar Range |
| **Pitch** | 80.0mm |

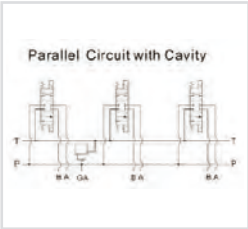
**SIDE ENTRY RELIEF VALVE • CETOP 5**

| ORDER CODE | NUMBER OF STATIONS | OVERALL LENGTH | OVERALL WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| 215171/1 | ONE | 90.0 | 7.0 Kgs | £352.16 | € 475.41 |
| 215171/2 | TWO | 170.0 | 12.5 Kgs | £377.54 | € 509.66 |
| 215171/3 | THREE | 250.0 | 18.0 Kgs | £432.65 | € 584.06 |
| 215171/4 | FOUR | 330.0 | 24.0 Kgs | £497.69 | € 671.88 |
| 215171/5 | FIVE | 410.0 | 30.0 Kgs | £562.73 | € 759.69 |
| 215171/6 | SIX | 490.0 | 36.0 Kgs | £637.53 | € 860.67 |

# FLOWFIT CETOP 5 NG10 STEEL PARALLEL CIRCUIT MANIFOLD WITH RELIEF VALVE CAVITY

www.flowfitonline.com
TECH. DATA SHEET
FCV31






The Flowfit CETOP 5 parallel circuit manifold is precision machined from a steel block with sizes of 3/8"BSP for A & B ports and 1/2"BSP for P & T ports. The manifold also comes with a machined port for a relief valve (available separately).

Flowfit manifolds are available from 1 to 10 stations with a 1/4"BSP Gauge port machined as standard on the 2 station and above (not available on the 1 station manifold).

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MD-05P-1-G-M32 | CETOP 5 1 STATION STEEL MANIFOLD WITH RV CAVITY | £79.34 | € 107.10 |
| MD-05P-2-G-M32 | CETOP 5 2 STATION STEEL MANIFOLD WITH RV CAVITY | £106.79 | € 144.17 |
| MD-05P-3-G-M32 | CETOP 5 3 STATION STEEL MANIFOLD WITH RV CAVITY | £151.62 | € 204.68 |
| MD-05P-4-G-M32 | CETOP 5 4 STATION STEEL MANIFOLD WITH RV CAVITY | £197.46 | € 266.57 |
| MD-05P-5-G-M32 | CETOP 5 5 STATION STEEL MANIFOLD WITH RV CAVITY | £244.30 | € 329.80 |
| MD-05P-6-G-M32 | CETOP 5 6 STATION STEEL MANIFOLD WITH RV CAVITY | £292.14 | € 394.39 |
| MD-05P-7-G-M32 | CETOP 5 7 STATION STEEL MANIFOLD WITH RV CAVITY | £341.02 | € 460.37 |
| MD-05P-8-G-M32 | CETOP 5 8 STATION STEEL MANIFOLD WITH RV CAVITY | £390.87 | € 527.69 |
| MD-05P-9-G-M32 | CETOP 5 9 STATION STEEL MANIFOLD WITH RV CAVITY | £441.75 | € 596.37 |
| MD-05P-10-G-M32 | CETOP 5 10 STATION STEEL MANIFOLD WITH RV CAVITY | £493.64 | € 666.40 |
| VC1200/400 | CETOP 5 RELIEF VALVE CARTRIDGE ONLY | £40.36 | € 54.49 |

**NOTE**
VC1200/400 Cetop 5 Relief Valve Cartridge needs to be purchased when ordering 'Cetop 5 NG10 Steel Parallel Circuit Manifold with Relief Valve Cavity.

# FLOWFIT CETOP 5 NG10 STEEL SUBPLATE WITH SIDE PORTS

www.flowfitonline.com
TECH. DATA SHEET
FCV32




The Flowfit CETOP 5 subplate is machined from steel and comes with 1/2"BSP side ports.




| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| D-05-SP-S-8G | CETOP 5 SUBPLATE SIDE ENTRY 1/2" BSPP PORTED | £25.97 | € 35.06 |

# FLOWFIT CETOP 5 NG10 STEEL SUBPLATE WITH BASE PORTS

www.flowfitonline.com
TECH. DATA SHEET
FCV33



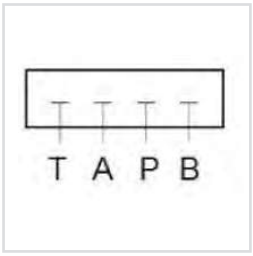
The Flowfit CETOP 5 subplate is machined from steel and comes with 1/2"BSP base ports.

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| D-05-SP-B-8G | CETOP 5 SUBPLATE BASE ENTRY 1/2" BSPP PORTED | £25.97 | € 35.06 |
| DSGM-03-04-2B25-BSPP | CETOP 5 SUBPLATE BASE ENTRY 1/2" BSP P+T, A + B SIDE | £55.11 | € 74.40 |

# FLOWFIT CETOP 5 NG10 STEEL COVER PLATE

www.flowfitonline.com TECH. DATA SHEET FCV34






The Flowfit steel cover plate replaces a CETOP 5 solenoid valve on the steel manifold, providing a pressure blank to enable the remaining stations to operate.

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| D-05-CP-G | CETOP 5 COVER PLATE | £9.54 | € 12.87 |

# FLOWFIT CETOP 7 NG16 SOLENOID PILOT OPERATED DIRECTIONAL CONTROL VALVES

www.flowfitonline.com TECH. DATA SHEET FCV35



Flowfit offer a large range of solenoid pilot operated directional control valves.

The spool is controlled to shift flow direction of system by piloted pressure sent from a NG6/Cetop 3 solenoid directional control valve mounted on top of the main valve This NG6/Cetop 3 valve is a double acting spool type 3C4.

This Cetop 3 valve solenoid controls the pilot flow on the main deck valve which will then control higher pressures and larger flows.

**SPECIFICATION**
**Nominal Size:** NG6 Cetop 7
**Rated Flow:** 200 l/min
**Max Flow:** 300 l/min
**Max Operating Pressure:** 250 Bar
**Max Pressure A, B, P Port:** 315 Bar
**Min Pilot Pressure:** 8 Bar
**Max Pilot Pressure:** 210 Bar
**Max Operating Frequency:** 120 CPM
**Weight:** 8.8kg
**Max Working Pressure 'T' Port External Drain:** 250 BAR
**Max Working Pressure 'T' Port Internal Drain:** 160 Bar DC, 100 Bar AC
**Max Working Pressure 'Y' Port External Drain:** 160 Bar DC, 100 Bar AC

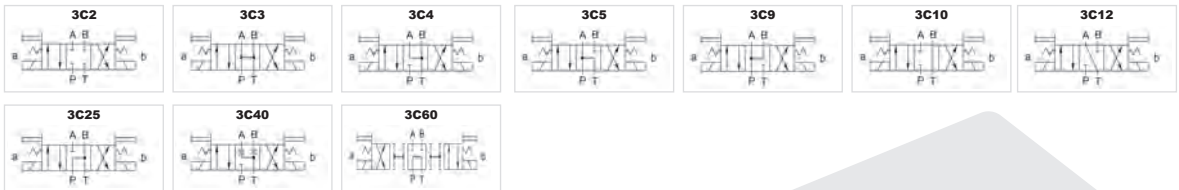
**THESE VALVES ARE THE BOTTOM DECK ONLY**

| PART NUMBER | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| 04-2B3B | £206.44 | € 278.69 |
| 04-3C2 | £206.44 | € 278.69 |
| 04-3C3 | £206.44 | € 278.69 |
| 04-3C4 | £206.44 | € 278.69 |
| 04-3C6 | £206.44 | € 278.69 |

**2B= 2 POSITION VALVE. 3C= 3 POSITION VALVE**

| PART NUMBER | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| 04-2B2 | £206.44 | € 278.69 |
| 04-3C40 | £206.44 | € 278.69 |
| 04-3C5 | £206.44 | € 278.69 |
| 04-3C60 | £206.44 | € 278.69 |
| 04-3C6 | £206.44 | € 278.69 |
| 04-3C10 | £206.44 | € 278.69 |
| 04-3C12 | £206.44 | € 278.69 |
| 04-3C25 | £206.44 | € 278.69 |

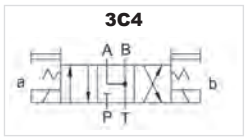
Standard spool configurations available for all valves spring centred 3 position




Standard spool configurations available for all valves spring offset 2 position




**FOR ALL OTHER SPOOL TYPES PLEASE CONTACT THE FLOWFIT SALES TEAM.**




Flowfit Cetop 3/NG6 series hydraulic operated directional valve used to change direction of hydraulic oil by moving in mainsppol when the valve receives a hydraulic signal from the pilot hydraulic oil.

| PART NUMBER | VOLTAGE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| F5-02-3C4-D1 | 12 VDC | £50.63 | € 68.35 |
| F5-02-3C4-D2 | 24 VDC | £50.63 | € 68.35 |
| F5-02-3C4-A1 | 110 VAC | £50.63 | € 68.35 |
| F5-02-3C4-A2 | 240 VAC | £50.63 | € 68.35 |

# FLOWFIT CETOP 7 SUBPLATE

www.flowfitonline.com
TECH. DATA SHEET
FCV36





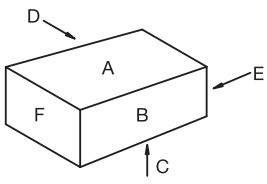
Bottom ported or side ported 3/4" BSPP Ports

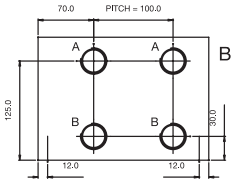
| CODE | DESCRIPTION | PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| DSGM-04-06-B4-BSPP | CETOP 7, 3/4" BSP PORTS IN BOTTOM | £94.86 | € 128.06 |
| DSGM-04-06-S4-BSPP | CETOP 7, 3/4" BSP SIDE PORTS | £94.86 | € 128.06 |

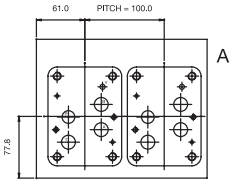
# FLOWFIT SIDE ENTRY CETOP 7

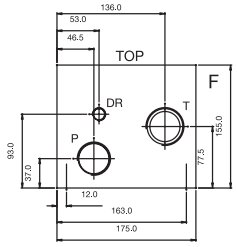
UK MADE

www.flowfitonline.com
TECH. DATA SHEET
FCV37



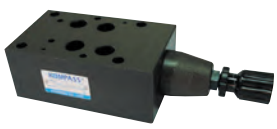

**ORDERING CODE INFORMATION**

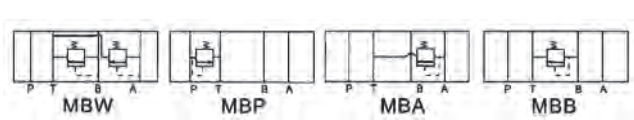
| | |
|---|---|
| **Steel** | Code No. 705161/★<br>Available on request<br>★= Number of stations |
| **Material** | Steel<br>Alum. Alloy |
| **Working Pressure** | Steel 315 Bar |
| **'A' and 'B' Ports** | 1" BSP |
| **'P' and 'T' Ports** | 1" BSP |
| **'DR' Port** | 3/8" BSP Through |
| **Valve Fixings** | M10 x 16<br>Full Thread<br>M6 x 12<br>Full Thread |
| **Manifold Fixings**<br>**Pitch** | M12 x 20 Deep<br>100.0mm |

| SIDE ENTRY • CETOP 7 | | | | | |
|---|---|---|---|---|---|
| ORDER CODE | NUMBER OF STATIONS | OVERALL LENGTH | OVERALL WEIGHT | NETT. PRICE | |
| | | | | £ STERLING | € EUROS |
| 705161/1 | ONE | 115.0 | 21.0 Kgs | £653.30 | € 881.95 |
| 705161/2 | TWO | 215.0 | 38.0 Kgs | £1,078.01 | € 1,455.32 |
| 705161/3 | THREE | 315.0 | 47.0 Kgs | £1,598.88 | € 2,158.48 |

# FLOWFIT CETOP 7 RELIEF VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV38





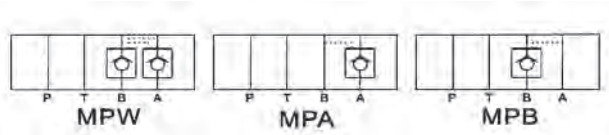

| CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| MBW-04-★ | £310.21 | € 418.78 |
| MBP-04-H | £310.21 | € 418.78 |
| MBA-04-★ | £310.21 | € 418.78 |
| MBB-04-★ | £310.21 | € 418.78 |
| Pressure Ranges B = 7 - 70 Bar, C = 35 - 140 Bar, H = 70 - 250 Bar | | |

Max. Flow 06 = 200 l/m • ★ = Pressure Range

# FLOWFIT CETOP 7 PRESSURE REDUCING VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV39



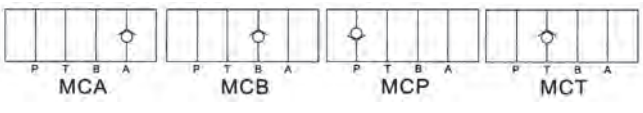



| CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| MRP-04-★ | £620.43 | € 837.57 |
| MRA-04-★ | £620.43 | € 837.57 |
| MRB-04-★ | £620.43 | € 837.57 |
| Pressure Ranges A = 3 - 35 Bar, B = 8 - 70 Bar, C = 8 - 140 Bar, H = 70 - 250 Bar | | |
| Max. Flow 06 = 200 l/m • ★ = Pressure Range | | |

# FLOWFIT CETOP 7 CHECK VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV40



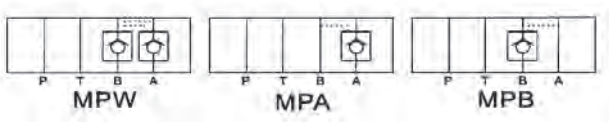



| CODE | MAX OPERATING PRESSURE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MCP-04-★ | 250 BAR | £233.22 | € 314.84 |
| Cracking Pressure A = 0.5 Bar, B = 3.5 Bar | | | |
| Max. Flow 04 = 200 l/m • ★ = Cracking Pressure | | | |

# FLOWFIT CETOP 7 PILOT OPERATED CHECK VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV41



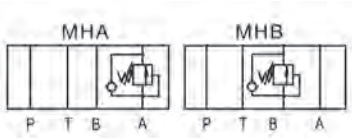



| CODE | MAX OPERATING PRESSURE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MPA-04-★ | 250 BAR | £278.96 | € 376.61 |
| MPB-04-★ | 250 BAR | £278.96 | € 376.61 |
| MPW-04-★ | 250 BAR | £332.53 | € 448.92 |
| Cracking Pressure A = 0.5 Bar, B = 3.5 Bar | | | |
| Max. Flow 04 = 200 l/m • ★ = Cracking Pressure | | | |

# FLOWFIT CETOP 7
# COUNTER BALANCE VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV42



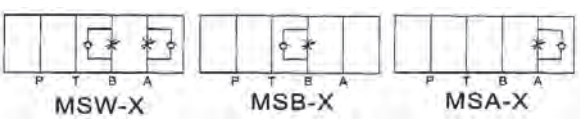



| CODE | MAX OPERATING PRESSURE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MHA-04-★ | 250 BAR | £342.13 | € 461.88 |
| MHB-04-★ | 250 BAR | £342.13 | € 461.88 |
| Pressure Range B = 8-70 Bar, C = 20-250 Bar | | | |
| Max. Flow 04 = 200 l/m • ★ = Cracking Pressure | | | |

# FLOWFIT CETOP 7
# FLOW CONTROL C/W CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV43






| CODE | MAX OPERATING PRESSURE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MSA-04-★ | 250 BAR | £306.86 | € 414.27 |
| MSB-04-★ | 250 BAR | £306.86 | € 414.27 |
| MSW-04-H | 250 BAR | £332.53 | € 448.92 |
| Metering X = Meter Out, Y = Meter In | | | |
| Max. Flow 04 = 200 l/m • ★ = Metering In or Out | | | |

# FLOWFIT CETOP 8 NG25 SOLENOID PILOT OPERATED DIRECTIONAL CONTROL VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV44



Flowfit offer a large range of solenoid pilot operated directional control valves.

The spool is controlled to shift flow direction of system by piloted pressure sent from a NG6/Cetop 3 solenoid directional control valve mounted on top of the main valve This NG6/Cetop 3 valve is a double acting spool type 3C4.

This Cetop 3 valve solenoid controls the pilot flow on the main deck valve which will then control higher pressures and larger flows.

**SPECIFICATION**
**Nominal Size:** NG25 Cetop 8
**Rated Flow:** 300 l/min
**Max Flow:** 500 l/min
**Max Operating Pressure:** 250 Bar
**Max Pressure A, B, P Port:** 315 Bar
**Min Pilot Pressure:** 8 Bar
**Max Pilot Pressure:** 210 Bar
**Max Operating Frequency:** 120 CPM
**Weight:** 13.7kg
**Max Working Pressure 'T' Port External Drain:** 250 BAR
**Max Working Pressure 'T' Port Internal Drain:** 160 Bar DC, 100 Bar AC
**Max Working Pressure 'Y' Port Internal Drain:** 160 Bar DC, 100 Bar AC

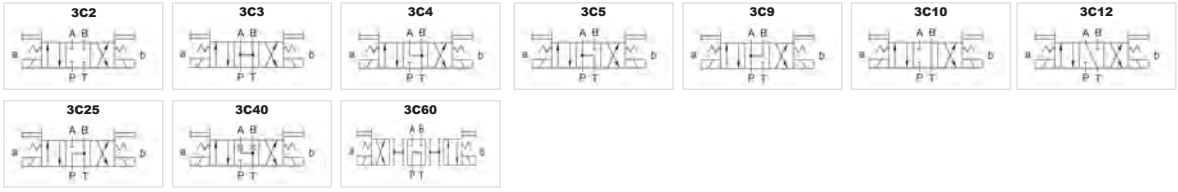
**THESE VALVES ARE THE BOTTOM DECK ONLY**

| PART NUMBER | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| 06-2B3B | £252.05 | € 340.26 |
| 06-3C2 | £252.05 | € 340.26 |
| 06-3C3 | £252.05 | € 340.26 |
| 06-3C4 | £252.05 | € 340.26 |
| 06-3CG | £252.05 | € 340.26 |

| PART NUMBER | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| 06-2B2 | £252.05 | € 340.26 |
| 06-3C40 | £238.82 | € 322.41 |
| 06-3C5 | £252.05 | € 340.26 |
| 06-3C60 | £238.82 | € 322.41 |
| 06-3C9 | £252.05 | € 340.26 |
| 06-3C10 | £238.82 | € 322.41 |
| 06-3C12 | £238.82 | € 322.41 |
| 06-3C25 | £238.82 | € 322.41 |

**2B= 2 POSITION VALVE. 3C= 3 POSITION VALVE**

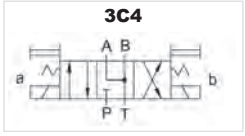
Standard spool configurations available for all valves spring centred 3 position




Standard spool configurations available for all valves spring offset 2 position




**FOR ALL OTHER SPOOL TYPES**
**PLEASE CONTACT THE FLOWFIT SALES TEAM.**




Flowfit Cetop 3/NG6 series hydraulic operated directional valve used to change direction of hydraulic oil by moving in mainsppol when the valve receives a hydraulic signal from the pilot hydraulic oil.

| PART NUMBER | VOLTAGE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| F5-02-3C4-D1 | 12 VDC | £50.63 | € 68.35 |
| F5-02-3C4-D2 | 24 VDC | £50.63 | € 68.35 |
| F5-02-3C4-A1 | 110 VAC | £50.63 | € 68.35 |
| F5-02-3C4-A2 | 240 VAC | £50.63 | € 68.35 |

# FLOWFIT CETOP 8 SUBPLATE

www.flowfitonline.com
TECH. DATA SHEET
FCV45





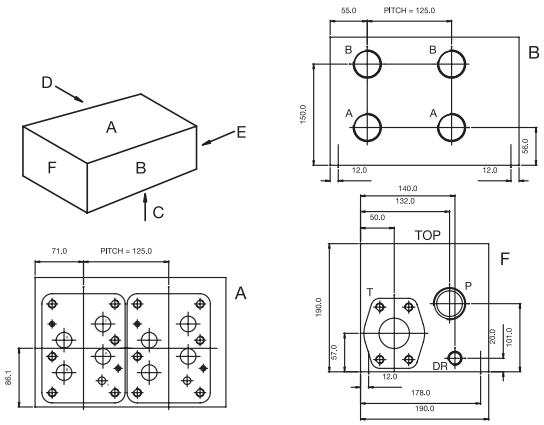
Bottom ported or side ported 3/4" BSPP Ports

| CODE | DESCRIPTION | PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| DSGM-06-06-B4-BSPP | CETOP 8, 3/4" BSP PORTS IN BOTTOM | £140.61 | € 189.82 |
| DSGM-06-06-S4-BSPP | CETOP 8, 3/4" BSP SIDE PORTS | £140.61 | € 189.82 |

# FLOWFIT SIDE ENTRY CETOP 8

UK MADE

www.flowfitonline.com
TECH. DATA SHEET
FCV46




**ORDERING CODE INFORMATION**

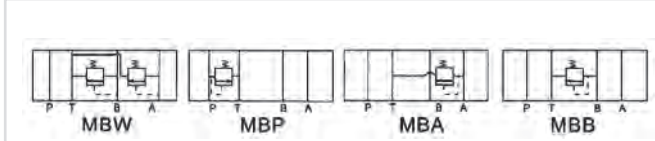
| | |
|---|---|
| **Steel** | Code No. 805161/★<br>Available on request<br>★= Number of stations |
| **Material** | Steel |
| **Working Pressure** | Steel 315 Bar |
| **'A' and 'B' Ports** | 1 1/4" BSP |
| **'P' Port** | 1 1/2" BSP Through |
| **T' Port** | 2" SAE 3000 Flange Through |
| **DR' Port** | 1/2" BSP Through |
| **Valve Fixings** | M12 x 20<br>Full Thread |
| **Manifold Fixings** | M12 x 20 Deep<br>Full Thread |
| **Pitch** | 125.0mm |

| SIDE ENTRY • CETOP 8 | | | | | |
|---|---|---|---|---|---|
| **ORDER CODE** | **NUMBER OF STATIONS** | **OVERALL LENGTH** | **OVERALL WEIGHT** | **NETT. PRICE** | |
| | | | | **£ STERLING** | **€ EUROS** |
| 805161/1 | ONE | 155.0 | 21.0 Kgs | £917.98 | € 1,239.27 |
| 805161/2 | TWO | 280.0 | 38.0 Kgs | £1,551.91 | € 2,095.07 |

# FLOWFIT CETOP 8 RELIEF VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV47



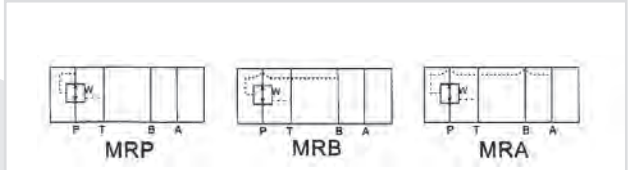



| CODE | NETT. PRICE | |
|---|---|---|
| | **£ STERLING** | **€ EUROS** |
| MBP-06-★ | £435.78 | € 588.31 |
| MBA-06-★ | £435.78 | € 588.31 |
| MBB-06-★ | £435.78 | € 588.31 |
| MBW-06-★ | £435.78 | € 588.31 |
| Pressure Ranges B = 7 - 70 Bar, C = 35 - 140 Bar, H = 70 - 250 Bar | | |
| Max. Flow 08 = 200 l/m • ★ = Pressure Range | | |

# FLOWFIT CETOP 8 PRESSURE REDUCING VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV48



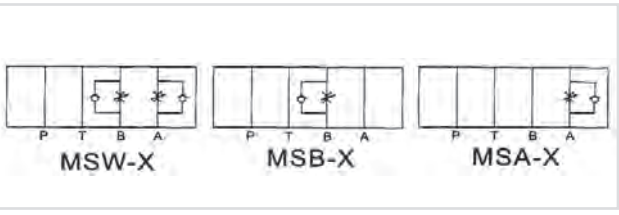



| CODE | NETT. PRICE | |
|---|---|---|
| | **£ STERLING** | **€ EUROS** |
| MRP-06-H | £388.32 | € 434.88 |
| MRA-06-★ | £388.32 | € 434.88 |
| MRB-06-★ | £388.32 | € 434.88 |
| Pressure Ranges A = 3 - 35 Bar, B = 8 - 70, C = 8 - 140 Bar, H = 70 - 250 Bar | | |
| Max. Flow 08 = 200 l/m • ★ = Pressure Range | | |

# FLOWFIT CETOP 8
# FLOW CONTROL C/W CHECK VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV49



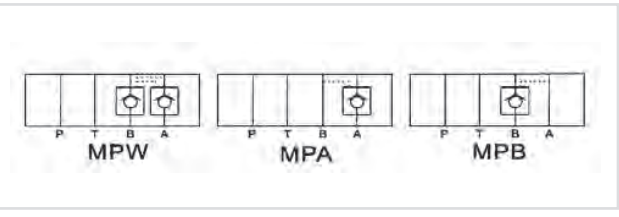



| CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| MSA-06-★ | £311.28 | € 420.23 |
| MSB-06-★ | £311.28 | € 420.23 |
| MSW-06-Y | £373.54 | € 504.27 |
| Metering X = Meter Out, Y = Meter In | | |
| Max. Flow 06 = 200 l/m • ★ = Metering In or Out | | |

# FLOWFIT CETOP 8
# PILOT OPERATED CHECK VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV50

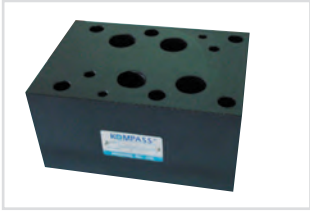


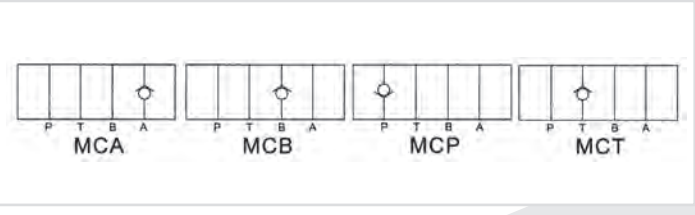



| CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| MPA-06-★ | £435.78 | € 588.31 |
| MPB-06-★ | £435.78 | € 588.31 |
| MPW-06-A | £373.54 | € 504.27 |
| A = 0.5 Bar, B = 3.5 Bar, C = 4.6 Bar | | |
| 06 = 200 l/m • ★ = Cracking Pressure | | |

# FLOWFIT CETOP 8
# CHECK VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV51



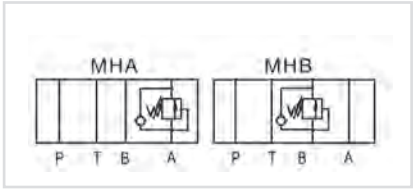



| CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| MCP-06-★ | £240.52 | € 324.70 |
| MCA-06-★ | £240.51 | € 324.68 |
| MCB-06-★ | £240.56 | € 324.76 |
| MCT-06-★ | £240.51 | € 324.68 |
| Cracking Pressure A = 0.5 Bar, B = 3.5 Bar, C = 4.6 Bar | | |
| Max. Flow 06 = 200 l/m • H = Cracking Pressure | | |

# FLOWFIT CETOP 8 COUNTER BALANCE VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV52






| CODE | MAX OPERATING PRESSURE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| MHA-06-★ | 250 BAR | £468.67 | € 632.70 |
| MHB-06-★ | 250 BAR | £468.67 | € 632.70 |
| Pressure Range B = 8-70 Bar, C = 20-250 Bar | | | |

Max. Flow 06 = 200 l/m • ★ = Cracking Pressure

# FLOWFIT CETOP 10 NG32 SOLENOID PILOT OPERATED DIRECTIONAL CONTROL VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV53



Flowfit offer a large range of solenoid pilot operated directional control valves.

The spool is controlled to shift flow direction of system by piloted pressure sent from a NG6/Cetop 3 solenoid directional control valve mounted on top of the main valve This NG6/Cetop 3 valve is a double acting spool type 3C4.

This Cetop 3 valve solenoid controls the pilot flow on the main deck valve which will then control higher pressures and larger flows.

**SPECIFICATION**
**Nominal Size:** NG32 Cetop 10
**Rated Flow:** 500 l/min
**Max Flow:** 1000 l/min
**Max Operating Pressure:** 250 Bar
**Max Pressure A, B, P Port:** 315 Bar
**Min Pilot Pressure:** 8 Bar
**Max Pilot Pressure:** 210 Bar
**Max Operating Frequency:** 120 CPM
**Weight:** 45.3kg
**Max Working Pressure 'T' Port External Drain:** 250 Bar
**Max Working Pressure 'T' Port Internal Drain:** 160 Bar DC, 100 Bar AC
**Max Working Pressure 'Y' Port External Drain:** 160 Bar DC, 100 Bar AC

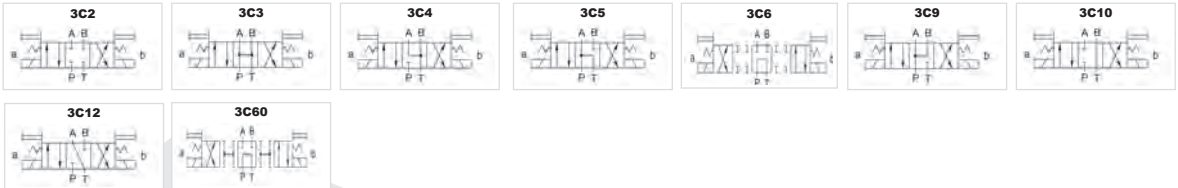
**THESE VALVES ARE THE BOTTOM DECK ONLY**

| PART NUMBER | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| 10-2B3B | £716.46 | € 967.23 |
| 10-3C2 | £990.89 | € 1,337.70 |
| 10-3C3 | £990.89 | € 1,337.70 |
| 10-3C4 | £990.89 | € 1,337.70 |
| 10-3C6 | £990.89 | € 1,337.70 |

| PART NUMBER | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| 10-2B2 | £990.89 | € 1,337.70 |
| 10-3C5 | £716.46 | € 967.23 |
| 10-3C60 | £716.46 | € 967.23 |
| 10-3C9 | £990.89 | € 1,337.70 |
| 10-3C10 | £716.46 | € 967.23 |
| 10-3C12 | £716.46 | € 967.23 |

**2B= 2 POSITION VALVE. 3C= 3 POSITION VALVE**

Standard spool configurations available for all valves spring centred 3 position

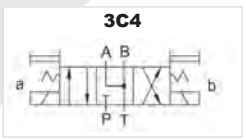



Standard spool configurations available for all valves spring offset 2 position




For 2 position Cetop Base decks the pilot valve must be a 2BZ spool on Page 19 & 24.

**FOR ALL OTHER SPOOL TYPES PLEASE CONTACT THE FLOWFIT SALES TEAM.**




Flowfit Cetop 3/NG6 series hydraulic operated directional valve used to change direction of hydraulic oil by moving in mainsppol when the valve receives a hydraulic signal from the pilot hydraulic oil.

| PART NUMBER | VOLTAGE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| F5-02-3C4-D1 | 12 VDC | £50.63 | € 68.35 |
| F5-02-3C4-D2 | 24 VDC | £50.63 | € 68.35 |
| F5-02-3C4-A1 | 110 VAC | £50.63 | € 68.35 |
| F5-02-3C4-A2 | 240 VAC | £50.63 | € 68.35 |

# FLOWFIT CETOP 10 SUBPLATE

www.flowfitonline.com TECH. DATA SHEET FCV54



Bottom ported
1 1/4" NPT Ports

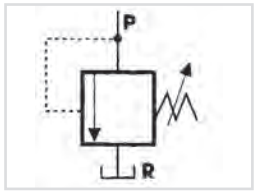
| CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| DSGM-10-10-B4-NPT | CETOP 10, 1 1/4" NPT PORTS IN BOTTOM | £267.81 | € 361.54 |

# KOMPASS RELIEF VALVES

## KOMPASS DIRECT OPERATED RELIEF VALVE

www.flowfitonline.com TECH. DATA SHEET FCV55






DG-02 & DT-02 are direct operating relief valves.
DG-01 & DT-01 are remote control type.

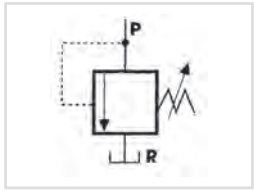
| SUBPLATE MOUNTED | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| DG-01-★ | 2 | 250 | £39.05 | € 52.73 |
| DG-02-★ | 16 | 250 | £64.72 | € 87.38 |
| **THREADED PORTS IN LINE** | **MAX FLOW L/MIN** | **MAX PRESSURE BAR** | **PRICE** | |
| | | | £ STERLING | |
| DT-01-H | 2 | 250 | £37.20 | € 50.21 |
| DT-02-★ | 16 | 250 | £61.64 | € 83.20 |

Pressure Ranges B = 10 - 70 Bar, C = 35 - 140 Bar, H = 70 - 250 Bar Max. Flow 01 = 2 l/m, 02 = 16 l/m • ★ = Pressure Range G = Subplate Mtd. T = Threaded Ports

## KOMPASS PILOT OPERATED RELIEF VALVE

www.flowfitonline.com TECH. DATA SHEET FCV56






This valve is able to pre-select max pressure of pump & control valves to prevent damage or overload.

BG/BT Pilot Operated Relief Valve
BHG/BHT Pilot Operated Relief Valve – Reinforced type
SBG Pilot Operated Relief Valve – Low noise, smooth, stable operation

| SUBPLATE MOUNTED | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| BG-03-★ | 100 | 250 | £104.90 | € 141.61 |
| BG-06-★ | 200 | 250 | £116.06 | € 156.68 |
| BG-10-★ | 400 | 250 | £220.94 | € 298.26 |
| BHG-06-★ | 200 | 250 | £116.06 | € 156.68 |
| BHG-10-★ | 400 | 250 | £265.58 | € 358.54 |
| SBG-03-★ | 100 | 250 | £131.67 | € 177.76 |
| SBG-06-★ | 200 | 250 | £147.28 | € 198.83 |
| SBG-10-★ | 400 | 250 | £399.47 | € 539.29 |
| Subplate Sizes 03 = Cetop 6R, 06 = Cetop 8R, 10 = Cetop 10R | | | | |

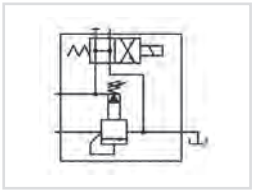
| THREADED PORTS IN LINE | PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| BT-03-H | 3/8" | 100 | 250 | £78.12 | € 105.46 |
| BT-06-H | 3/4" | 200 | 250 | £100.43 | € 135.58 |
| BT-10-H | 1 1/4" | 400 | 250 | £209.78 | € 283.20 |
| BHT-03-H | 3/8" | 100 | 250 | £78.13 | € 105.47 |
| BHT-06-H | 3/4" | 200 | 250 | £109.35 | € 147.63 |
| BHT-10-H | 1 1/4" | 400 | 250 | £209.78 | € 283.20 |

Pressure Ranges B = 10 - 70 Bar, C = 35 - 140 Bar, H = 70 - 250 Bar Max. Flow 03 = 100 l/m, 06 = 200 l/m, 10 = 400 l/m • H = Pressure Range

# KOMPASS SOLENOID CONTROLED RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV57





These valves incorporate combinations with solenoid directional control valves.

BSH Solenoid Control Pilot Operated Relief Valve

SBSG Solenoid Control Pilot Operated Relief Valve – Low noise, smooth, stable operation

| SUBPLATE MOUNTED | MAX FLOW L/MIN | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BSG-03-★ | 100 | £209.79 | € 234.94 |
| BSG-06-★ | 200 | £220.88 | € 247.36 |
| BSG-10-★ | 400 | £354.84 | € 397.40 |
| SBSG-03-H | 100 | £315.79 | € 353.67 |
| SBSG-10-H | 400 | £355.17 | € 479.48 |
| SBSG-06-H | 200 | £326.96 | € 441.39 |
| Subplate Sizes 03 = Cetop 6R, 06 = Cetop 8R, 10 = Cetop 10R | | | |

| THREADED PORTS IN LINE | PORTS | MAX FLOW L/MIN | PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| BST-03-★ | 3/8" | 100 | £171.84 | € 231.98 |
| BST-06-★ | 3/4" | 200 | £183.01 | € 247.06 |
| BST-10-★ | 1 1/4" | 400 | £283.42 | € 382.62 |

Pressure Ranges B = 10 - 70 Bar, C = 35 - 140 Bar, H = 70 - 250 Bar Max. Flow 03 = 100 l/m, 06 = 200 l/m, 10 = 400 l/m • ★ = Pressure Range

| BS | G | 6 | H | 2B2 | A2 | 5 | D5 | 2P |
|---|---|---|---|---|---|---|---|---|
| SERIES NBR | TYPE OF CONNECTION | VALVE SIZE | PRESS. RANGE BAR | TYPE OF FUNCTION | SOLENOID TYPE | HERTZ | TERMINAL | CONTROLS |
| BS, BS | G=SUBPLATE | 3 | B = 10 - 70 | For Venting Conditions See Below | A1=AC110V | 5=50hz | D4=JIS | NONE=SINGLE PRESSURE |
| BHS, BHS | T=THREADED | 6 | C = 35 - 140 | | A2=AC220V | 6=60hz | D5=DIN | 2P=DUO PRESSURE |
| SBS | | 10 | H = 70 - 250 | | D1=DC12V | | | 3P=TRI PRESSURE |
| | | | | | D2=DC24V | | | |

# KOMPASS UNLOADING RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV58



Use for accumulator or hi-lo pressure pump systems.

| SUBPLATE MOUNTED | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| BUCG-06-★ | 125 | 250 | £371.96 | € 502.15 |
| Pressure Ranges B = 10 - 70 Bar, C = 35 - 140 Bar, H = 70 - 250 Bar | | | | |
| Max. Flow 125 l/m • ★ = Pressure Range | | | | |

# KOMPASS UNLOADING RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV59



Use for accumulator or hi-lo pressure pump systems.

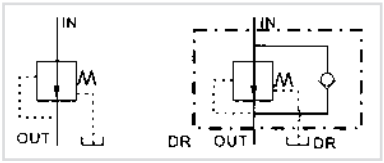
| SUBPLATE MOUNTED | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| BUCG-06-H | 125 | 250 | £401.71 | € 542.30 |

Pressure Ranges H = 70 - 250 Bar Max. Flow 125 l/m • ★ = Pressure Range

# KOMPASS PRESSURE REDUCING VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV60






R
REDUCING
VALVE

RC
REDUCING VALVE
WITH CHECK VALVE

Pressure which is lower than main system can be obtained by setting reducing valve.

| SUBPLATE MOUNTED | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| RG-03-H | 50 | 250 | £133.91 | € 180.78 |
| RCG-03-H | 50 | 250 | £167.38 | € 225.96 |
| RG-06-H | 125 | 250 | £167.38 | € 225.96 |
| RCG-06-H | 125 | 250 | £243.27 | € 328.41 |
| RG-10-★ | 250 | 250 | £343.69 | € 463.99 |
| RCG-10-H | 250 | 250 | £444.12 | € 599.56 |
| Subplate Sizes 03 = Cetop 6P, 06 = Cetop 8P, 10 = Cetop 10P | | | | |

| THREADED PORTS IN LINE | PORTS | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| RT-03-H | 3/8" | 50 | 250 | £133.91 | € 180.78 |
| RCT-03-H | 3/8" | 50 | 250 | £167.39 | € 225.98 |
| RT-06-H | 3/4" | 125 | 250 | £167.39 | € 225.98 |
| RCT-06-H | 3/4" | 125 | 250 | £243.26 | € 328.40 |
| RT-10-★ | 1 1/4" | 250 | 250 | £364.32 | € 491.83 |
| RCT-10-★ | 1 1/4" | 250 | 250 | £470.77 | € 635.55 |
| Pressure Ranges B = 5 - 70 Bar, C = 35 - 140 Bar, H = 70 - 250 Bar Max. Flow 03 = 50 l/m, 06 = 125 l/m, 10 = 250 l/m • ★ = Presure Range | | | | | |

RG/T = Reducing, RCG/T = Reducing c/w Integral Check Valve

# SEQUENCE, COUNTER BALANCE & UNLOADING

## KOMPASS SEQUENCE, COUNTER BALANCE & UNLOADING

www.flowfitonline.com
TECH. DATA SHEET
FCV61





These valves are direct operated pressure control & contain pilot pressure ports which can be operated by internal or external pilots.

Buy 1 valve - covers any one of Sequence, Counter Balance and Uploading Valve all in one. Ask for details.

| SUBPLATE MOUNTED | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| HG-03-★ | 50 | 250 | £131.67 | € 177.76 |
| HG-06-★ | 125 | 250 | £149.53 | € 201.86 |
| HG-10-★ | 250 | 250 | £200.50 | € 270.68 |
| HCG-03-★ | 50 | 250 | £131.67 | € 177.76 |
| HCG-06-★ | 125 | 250 | £194.16 | € 262.12 |
| HCG-10-★ | 250 | 250 | £299.05 | € 403.71 |
| Subplate Sizes 03 = ISO 5781-AG-06-2-A, 06 = ISO 5781-AG-08-2-A, 10 = ISO 5781-AJ-10-2-A | | | | |

| THREADED PORTS IN LINE | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| HT-03-★ | 50 | 250 | £122.75 | € 165.72 |
| HT-06-★ | 125 | 250 | £127.21 | € 171.74 |
| HT-10-★ | 250 | 250 | £216.49 | € 292.25 |
| HCT-03-★ | 50 | 250 | £131.67 | € 177.76 |
| HCT-06-★ | 125 | 250 | £167.38 | € 225.96 |
| HCT-10-★ | 250 | 250 | £265.58 | € 358.54 |
| Pressure Ranges A = 18 - 35 Bar, B = 35 - 70 Bar, C = 70 - 140 Bar, H = 70 - 250 Bar Max. Flow 03 = 50 l/m, 06 = 125 l/m, 10 = 250 l/m • ★ = Presure Range | | | | |

C = Added to Designate Integral Check

# 2 WAY CARTRIDGE ELECTRIC VALVES

## 2 WAY, 2 POSITION PILOT OPERATED SOLENOID VALVES POPPET TYPE

www.flowfitonline.com
TECH. DATA SHEET
FCV62

EV★★

- EVC6
- EVE6
- EVA6



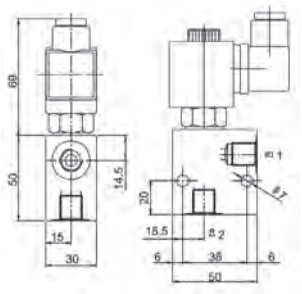
★★★

| | |
|---|---|
| 140 | BSP 1/4" |
| 380 | BSP 3/8" |



★★★★★

| | |
|---|---|
| 012DC | 12VDC |
| 024DC | 24VDC |
| 02450 | 24V/50HZ |
| 11050 | 110V/50HZ |
| 22050 | 220V/50HZ |
| 024RAC | 24RAC |
| 110RAC | 110RAC |
| 220RAC | 220RAC |



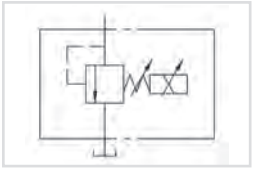

- Max Pressure 210 Bar
- Max Flow 22 L/min
- Protection IP65
- Feeding Tolerance +/-10%
- Energising Time ED 100%
- Insulation Class H
- Absorbed Power in A.C. 20VA
- Absorbed Power at pickup 28 VA
- Absorbed Power in DC 18W
- Weight 0.25kg
- Steel Body Nickel Plated

| ORDER CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| EVC6-★★★-★★★★★ | £48.60 | € 65.61 |
| EVE6-★★★-★★★★★ | £53.46 | € 72.18 |
| EVA6-★★★-★★★★★ | £56.16 | € 75.82 |

# ELECTRO-HYDRAULIC PROPORTIONAL VALVES

## KOMPASS ELECTRO-HYDRAULIC PROPORTIONAL PILOT RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV63



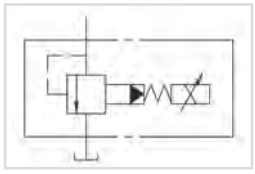
| MODEL | FLOW L/M | PRESSURE ADJ RANGE (BAR) | RATED CURRENT MA | COIL RESISTANCE | HYSTERESIS | REPEATABILITY |
|---|---|---|---|---|---|---|
| EDG-01 | 03 - 2 | B = 5 - 70 | 800 | 10 | 3% | 1% |
| | | C = 10 - 160 | 900 | | | |
| | | H = 12 - 250 | 950 | | | |

| SERIES NBR | VALVE SIZE | PRESSURE ADJ. RANGE | CONTROL |
|---|---|---|---|
| EDG | O1 | B = 5 - 70 | * = Normal |
| | | C = 10 - 160 | V = Unloading |
| | | H = 12 - 250 | Control Type |

| CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| EDG-01-* | £290.12 | € 391.66 |

# KOMPASS ELECTRO-HYDRAULIC PROPORTIONAL RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV64



| MODEL | FLOW L/MIN | PRESSURE ADJ RANGE (BAR) | RATED CURRENT MA | COIL RESISTANCE | HYSTERESIS | REPEATABILITY |
|---|---|---|---|---|---|---|
| EBG-03 | 3 - 100 | C =5 - 160 | C:770/H:820 | | | |
| EBG-06 | 3 - 200 | | C:750/H:800 | 10 | 2% | 1% |
| EBG-10 | 3 - 400 | H = 10 - 250 | C:730/H:780 | | | |

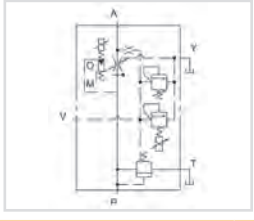
| SERIES NBR | VALVE SIZE | PRESSURE ADJ. RANGE | SAFETY VALVE |
|---|---|---|---|
| EBG | O3 | C =5 - 160 | * = With |
| | O6 | | T = Without |
| | 10 | H = 10 - 250 | |

| CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| EBG-03 | £444.12 | € 599.56 |
| EBG-06 | £409.37 | € 552.66 |
| EBG-10 | £632.71 | € 854.15 |

# KOMPASS ELECTRO- HYDRAULIC PROPORTIONAL RELIEF & FLOW CONTROL VALVE

www.flowfitonline.com
TECH. DATA SHEET
FCV65





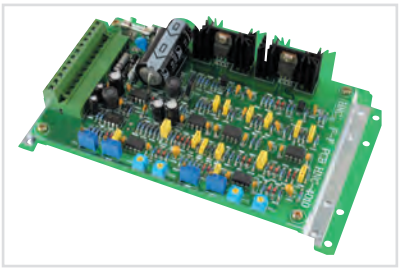
| MODEL | DESCRIPTION | EFBG-03-125 | EFBG-06-250 | EFBG-10-500 |
|---|---|---|---|---|
| Flow Control | Metered Flow Adj. Range | 1 - 125 | 2.5 - 250 | 5 - 500 |
| | Rated Current (mA) | 680 | 580 | 700 |
| | Coil Resistance (Ohms) | 43.5 | 43.5 | 43.5 |
| | Differencial Pressure | 6 | 7 | 9 |
| | Hysteresis | <7% | <7% | <7% |
| | Repeatability | 1% | 1% | 1% |
| Pressure Control | Pressure Adj. Range | C = 14 - 140 | C = 15 - 140 | C = 16 - 140 |
| | Bar | H = 14 - 210 | H = 15 - 210 | H = 16 - 210 |
| | Rated Current (mA) | C = 710 | C = 690 | C = 690 |
| | | H = 770 | H = 730 | H = 690 |
| | Coil Resistance (Ohms) | 10 | 10 | 10 |
| | Hysteresis | >3% | >3% | >3% |
| | Repeatability | 1% | 1% | 1% |

| SERIES NBR. | VALVE SIZE | MAX. ADJ. FLOW | PILOT RELIEF PRESS. ADJ. RANGE |
|---|---|---|---|
| EFBG | O3 | 125 -125l/min. | C =14 - 140 Bar |
| | O6 | 250 =250l/min. | |
| | 10 | 500 = 500l/min. | H = 14 - 210 Bar |

| CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| SUBPLATE EFBGM - 032-11 | | |
| EFBG-03 | £956.47 | € 1,291.24 |
| EFBG-06 | £1,332.37 | € 1,798.70 |
| EFBG-10 | £3,205.92 | € 4,327.99 |

# KOMPASS POWER AMPLIFIERS FOR PROPORTIONAL VALVES

www.flowfitonline.com
TECH. DATA SHEET
FCV66



| MODEL | FUNCTION | MAX OUTPUT | MAX INPUT | APPLICATION |
|---|---|---|---|---|
| HNC-1085 | DC Input | 1A (10 Ohms) | DC+10V | EDG-01<br>EBG-03<br>EBG-06 |

| MODEL | SUPPLY VOLTAGE/ FUSE | LOAD COIL RESIS. FLOW | LOAD COIL RESIS. PRESSURE | INPUT CONTROL VOLTAGE | MAX CURRENT OUTPUT RANGE (FLOW) | MAX CURRENT OUTPUT RANGE (PRESSURE) |
|---|---|---|---|---|---|---|
| HNC-4010 | DC Input | J3,J4 - 40 Ohms 20 Deg C | J5,J6 - 10 Ohms 20 Deg C | 0V - +10V | FCT2 -0mA<br>FCT2-750mA | PCT2-0mA<br>PCT1 - 850mA |

| CODE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| HNC-1085 | £185.22 | € 250.04 |

## HYDRAULIC POWER UNITS

# POWER PACKS AND POWER UNITS


| PRODUCT | PAGE |
|---|---|
| FLOWFIT 12VDC SINGLE ACTING HYDRAULIC POWER PACKS | 120 |
| FLOWFIT 12VDC DOUBLE ACTING, NG6 (CETOP 3) SOLENOID VALVE POWER PACKS | 122 |
| FLOWFIT 12VDC DOUBLE ACTING, DOUBLE NG6 (CETOP 3) SOLENOID VALVE POWER PACKS | 124 |
| FLOWFIT 24VDC SINGLE ACTING HYDRAULIC POWER PACKS | 126 |
| FLOWFIT 24VDC DOUBLE ACTING, NG6 (CETOP 3) SOLENOID VALVE POWER PACKS | 128 |
| FLOWFIT 24VDC DOUBLE ACTING, DOUBLE NG6 (CETOP 3) SOLENOID VALVE POWER PACKS | 130 |
| ACCESSORIES | 132 |
| FLOWFIT MOBILE ENGINE DRIVEN HYDRAULIC POWER UNITS ON WHEELS | 136 |











QUALITY PRODUCTS

FREE ADVICE

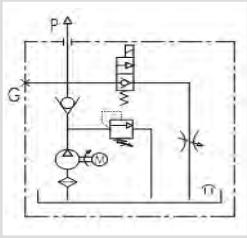
FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

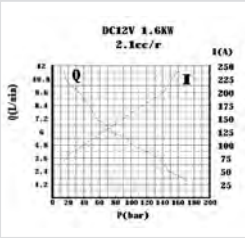
# FLOWFIT 12VDC SINGLE ACTING HYDRAULIC POWER PACKS

www.flowfitonline.com
TECH. DATA SHEET
PPPU1










The Flowfit 12VDC Single Acting power pack is ideal for use in the following applications:
Tail Lift
Trailer/Tipper
Hand operated lift stacker
Scissor Lift Platform
Aerial Platform

The Flowfit 12VDC Single Acting power pack is a compact and quiet unit, able to deliver a flow rate of up to 5 litres a minute at 160 bar. The compact design includes a lowering solenoid valve, relief valve and flow controller mounted within the housing and comes complete with a detachable pre-wired 2 button pendant and 4.5 litre plastic tank as standard.

Options available include an 8.0 litre plastic tank for increased capacity on larger systems and a wireless remote, operated by key fob.

The Flowfit 12VDC Single Acting power pack will require a high capacity battery and a suitable in-line fuse for normal operation.

The motor is designed for intermittent use (S3) which is defined as a sequence of identical cycles of 10 minute duration. The cycle comprises a period of on-load (td) operation in which the motor may reach its maximum permitted temperature, followed by an off-load period (tm) of time, insufficient for the motor to return to ambient temperature.

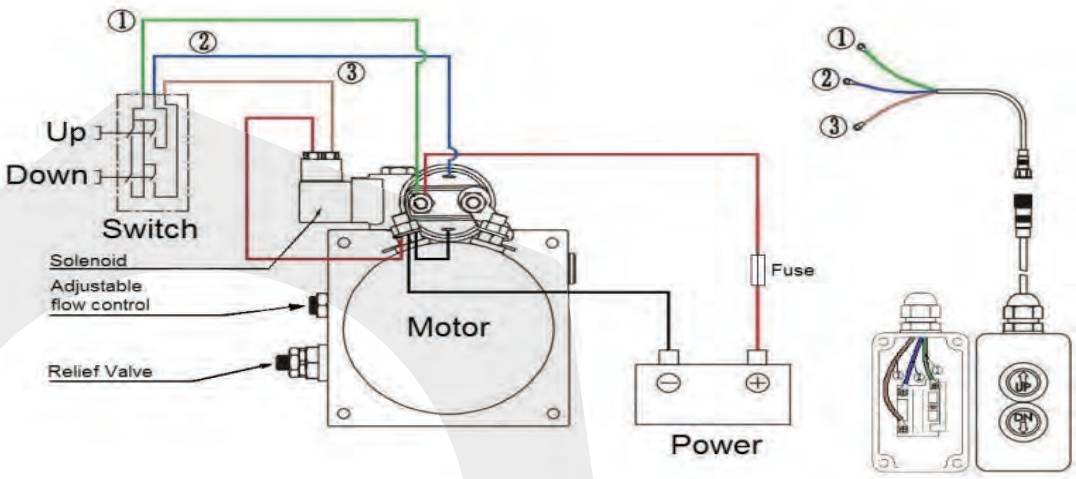
The value of S3 on this motor equates to 7% or 42 seconds of on-load operation in a ten minute period.

**Flowfit 12VDC Single Acting Hydraulic Powerunit**
POWERUNIT PACKAGE to operate a single acting cylinder on any trailer or tipper application, or any single acting application complete with detachable two button pendant.

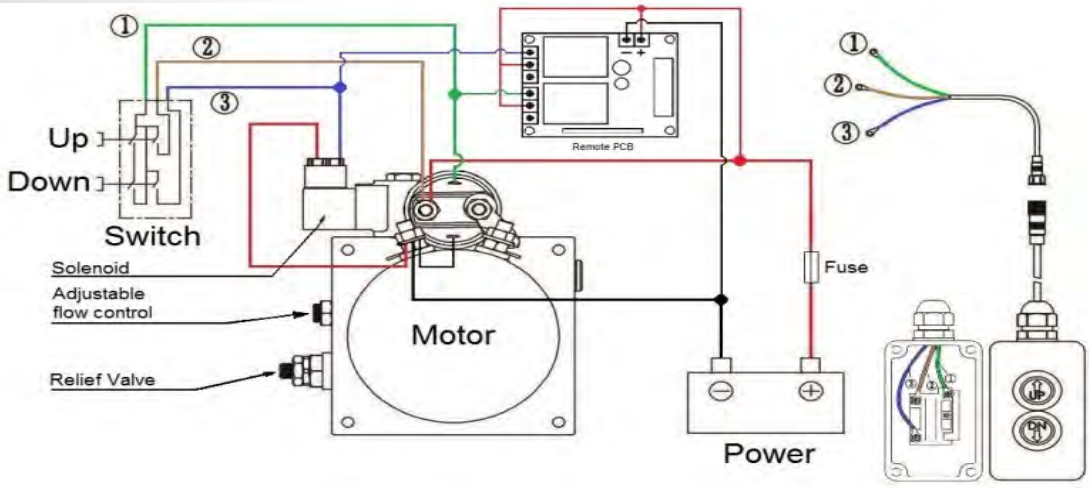
12VDC powerunit.
2.1cc/rev gear pump.
1.6kw 12VDC electric motor c/w relay and plastic motor cover. 4.5 Litre or 8.0 Litre reservoir c/w drain plug.
Powerpack complete with suction strainer, return oil conveyor and filler breather.
Horizontal mounting.
Max pressure 200 bar.
Relief valve set at 160 bar but adjustable from 40-200 bar as standard.
Max flow 5 l/min.
Adjustable flow control for cylinder decent control.
12VDC let down valve, relief and P line check.
Port size 3/8" BSP.
2 Button detachable pendant on a 4 metre lead.
Suitable for all single acting applications.

WITH MANY ADDED FEATURES SUCH AS FLOW CONTROL ON CYLINDER DECENT, DETACHABLE PENDANTS FOR ADDED SECURITY, REMOVEABLE PLASTIC MOTOR COVER AND A VARIATION ON WHICH RELIEF VALVE SPRING IS FITTED YOU ARE GETTING AN EXCEPTIONALLY GOOD QUALITY PRODUCT AT A VERY COMPETITIVE PRICE.

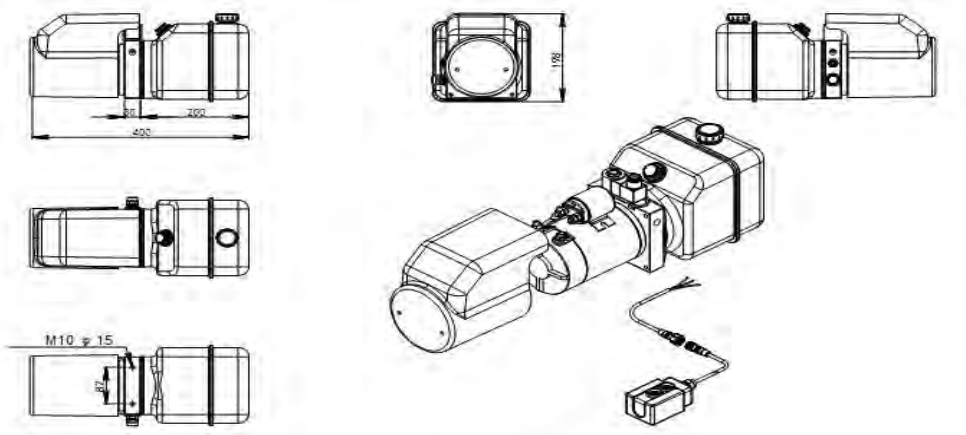
## SINGLE ACTING WIRING DIAGRAM



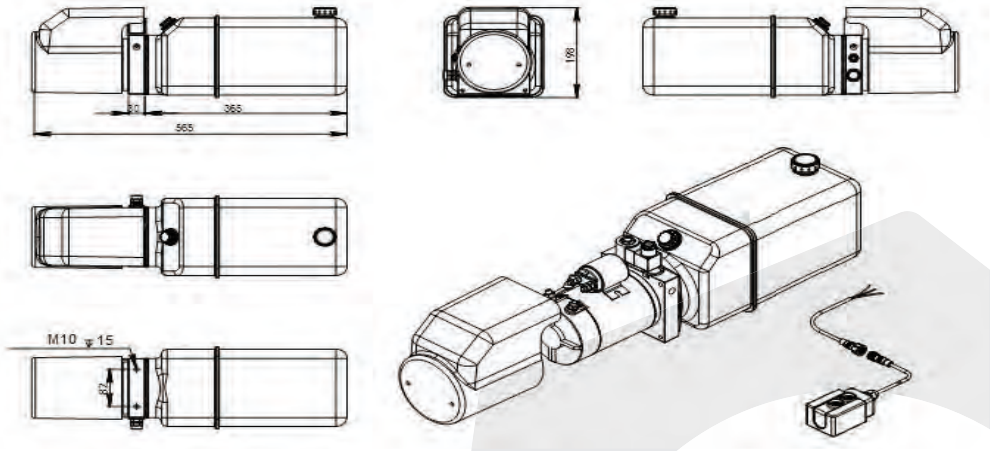
## SINGLE ACTING (WITH REMOTE) WIRING DIAGRAM




## 4.5 LITRE POWER PACK DIMENSIONS




## 8.0 LITRE POWER PACK DIMENSIONS



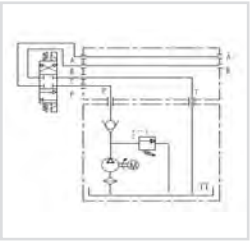

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ003468 | Flowfit 12VDC single acting hydraulic powerpack, 4.5 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar. | £141.70 | € 191.29 |
| ZZ003834 | Flowfit 12VDC single acting hydraulic powerpack, 8.0 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar. | £170.39 | € 230.03 |

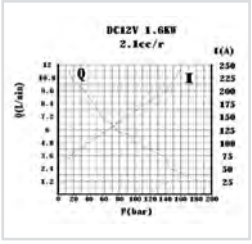
# FLOWFIT 12VDC DOUBLE ACTING, NG6 (CETOP 3) SOLENOID VALVE POWER PACKS

www.flowfitonline.com
TECH. DATA SHEET
PPPU2










The Flowfit 12VDC Double Acting power pack is ideal for use in the following applications:

Tail Lift
Hoists/Winches
Trailer/Tipper
Compactors
Hand operated lift stacker
Parking Systems/Barriers
Scissor Lift Platform
Security Gates
Aerial Platform
Dock Leveler

The Flowfit 12VDC Double Acting power pack is a compact and quiet unit, able to deliver a flow rate of up to 5 litres a minute at 160 bar. The compact design includes a CETOP 3 double acting solenoid valve, relief valve and flow controller mounted within the housing and comes complete with a detachable pre-wired 2 button pendant and 4.5 litre plastic tank as standard.

Options available include an 8.0 litre plastic tank for increased capacity on larger systems.

The Flowfit 12VDC Double Acting power pack will require a high capacity battery and a suitable in-line fuse for normal operation.

The motor is designed for intermittent use (S3) which is defined as a sequence of identical cycles of 10 minute duration. The cycle comprises a period of on-load (td) operation in which the motor may reach its maximum permitted temperature, followed by an off-load period (tm) of time, insufficient for the motor to return to ambient temperature.The value of S3 on this motor equates to 7% or 42 seconds of on-load operation in a ten minute period.



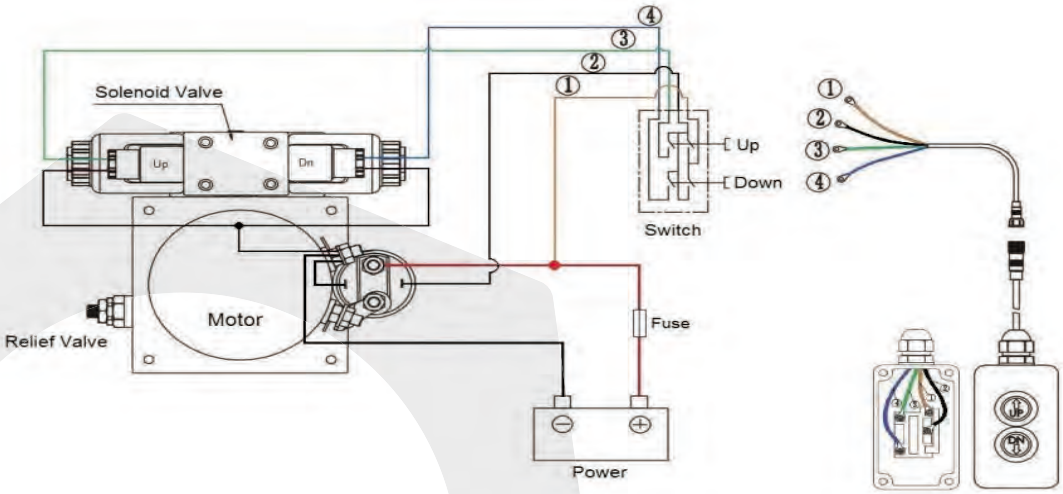

**Flowfit 12VDC Double Acting NG6 Solenoid Valve Hydraulic Powerunit**

POWERUNIT PACKAGE to operate a double acting cylinder on a variety of applications, complete with detachable two button pendant.

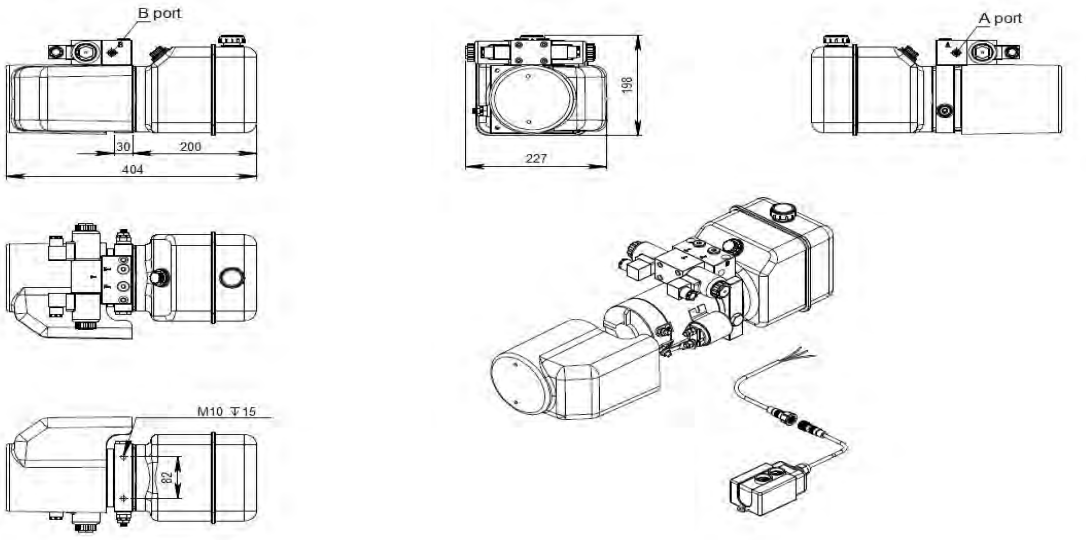
12VDC powerunit.
2.1cc/rev gear pump.
1.6kw 12VDC electric motor c/w relay and plastic motor cover.
4.5 Litre or 8.0 Litre reservoir c/w drain plug.
Powerpack complete with suction strainer, return oil conveyor and filler breather.
Horizontal mounting.
Max pressure 200 bar.
Relief valve set at 160 bar but adjustable from 40-200 bar as standard.
Max flow 5 l/min.
Relief valve and P line check.
Port size 3/8" BSP.
2 Button detachable pendant on a 4 metre lead.
Suitable for all double acting applications.

WITH MANY ADDED FEATURES SUCH AS DETACHABLE PENDANTS FOR ADDED SECURITY, REMOVEABLE PLASTIC MOTOR COVER AND A VARIATION ON WHICH RELIEF VALVE SPRING IS FITTED YOUR ARE GETTING AN EXCEPTIONALLY GOOD QUALITY PRODUCT AT A VERY COMPETITIVE PRICE.

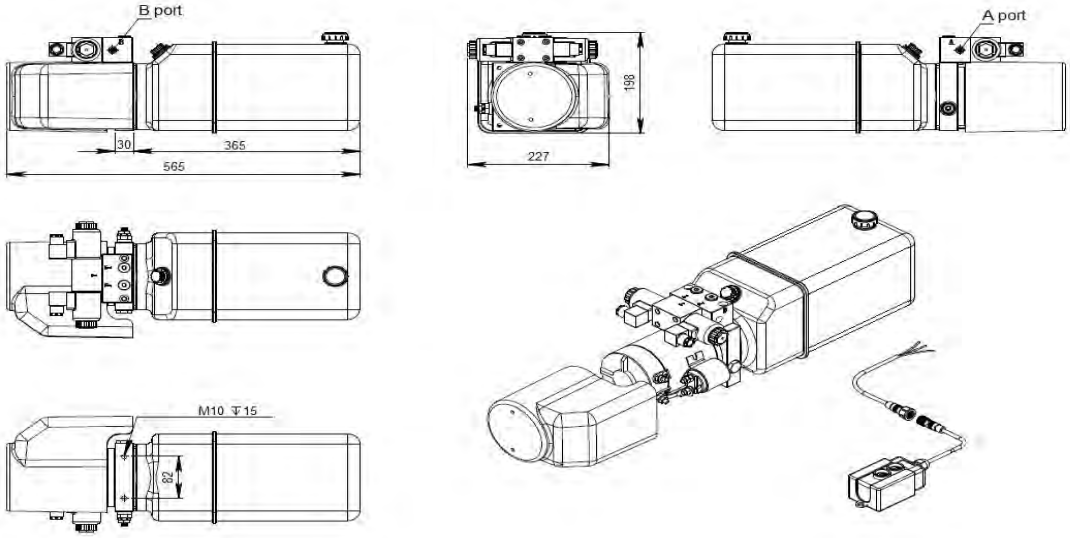
## DOUBLE ACTING, NG6 SOLENOID VALVE WIRING DIAGRAM



## 4.5 LITRE POWER PACK DIMENSIONS




## 8.0 LITRE POWER PACK DIMENSIONS

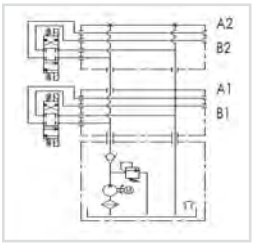


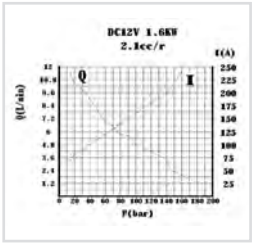

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ004232 | Flowfit 12VDC double acting, single solenoid hydraulic powerpack, 4.5 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar. | £227.19 | € 306.71 |
| ZZ004233 | Flowfit 12VDC double acting, single solenoid hydraulic powerpack, 8.0 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar. | £239.80 | € 323.73 |

# FLOWFIT 12VDC DOUBLE ACTING, DOUBLE NG6 (CETOP 3) SOLENOID VALVE POWER PACKS








www.flowfitonline.com
TECH. DATA SHEET
PPPU3

The Flowfit 12VDC Double Acting Double CETOP power pack is ideal for use in the following applications:

Tail Lift/Extender
Hoists/Winches
Trailer/Tipper
Compactors
Hand operated lift stacker
Parking Systems/Barriers
Scissor Lift Platform
Security Gates
Aerial Platform
Dock Leveler

The Flowfit 12VDC Double Acting Double CETOP power pack is a compact and quiet unit, able to deliver a flow rate of up to 5 litres a minute at 160 bar. The compact design includes two CETOP 3 double acting solenoid valves operating two separate circuits, a relief valve and a flow controller mounted within the housing and comes complete with a detachable pre-wired 4 button pendant and 4.5 litre plastic tank as standard.

Options available include an 8.0 litre plastic tank for increased capacity on larger systems.

The Flowfit 12VDC Double Acting power pack will require a high capacity battery and a suitable in-line fuse for normal operation.

The motor is designed for intermittent use (S3) which is defined as a sequence of identical cycles of 10 minute duration. The cycle comprises a period of on-load (td) operation in which the motor may reach its maximum permitted temperature, followed by an off-load period (tm) of time, insufficient for the motor to return to ambient temperature.The value of S3 on this motor equates to 7% or 42 seconds of on-load operation in a ten minute period.



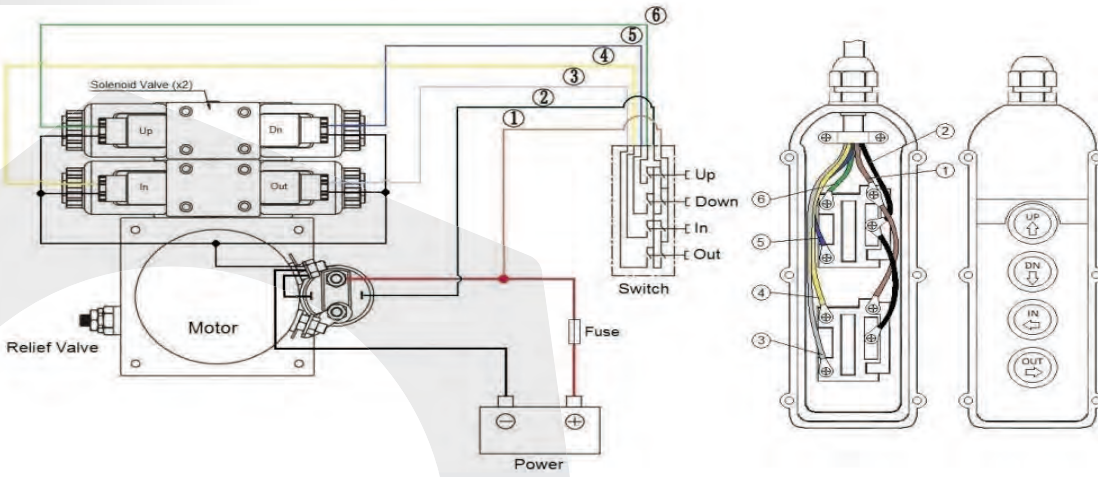

**Flowfit 12VDC Double Acting, Double NG6 Solenoid Valve Hydraulic Powerunit**

POWERUNIT PACKAGE to operate two double acting cylinders independantly on a vatiety of applications, complete with four button pendant.

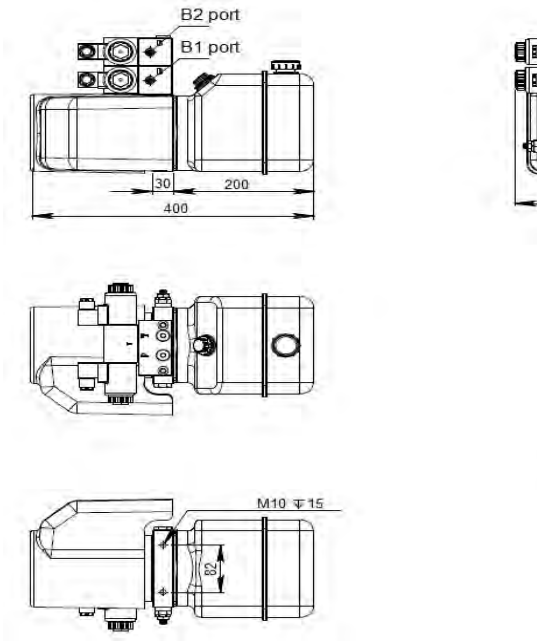
12VDC powerunit.
2.1cc/rev gear pump.
1.6kw 12VDC electric motor c/w relay and plastic motor cover.
4.5 Litre or 8.0 Litre reservoir c/w drain plug.
Powerpack complete with suction strainer, return oil conveyor and filler breather.
Horizontal mounting.
Max pressure 200 bar.
Relief valve set at 160 bar but adjustable from 40-200 bar as standard.
Max flow 5 l/min.
Relief valve and P line check.
Port size 3/8" BSP.
4 Button pendant on a 4 metre lead.
Suitable for all double acting applications.

WITH MANY ADDED FEATURES SUCH AS REMOVEABLE PLASTIC MOTOR COVER AND A VARIATION ON WHICH RELIEF VALVE SPRING IS FITTED YOUR ARE GETTING AN EXCEPTIONALLY GOOD QUALITY PRODUCT AT A VERY COMPETITIVE PRICE

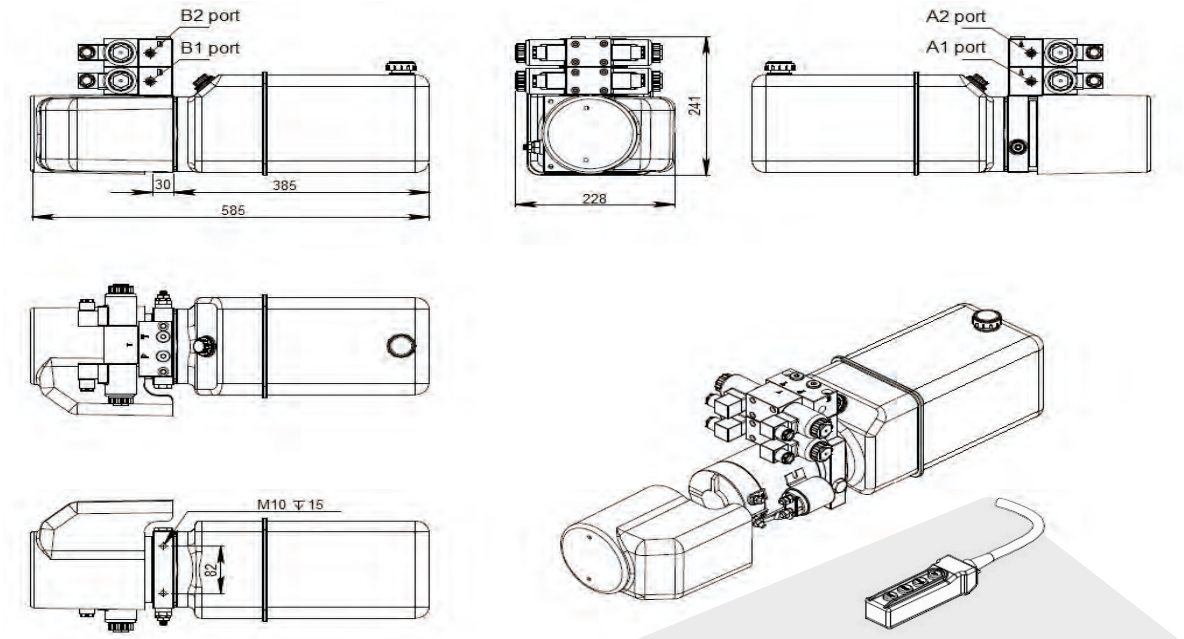
## DOUBLE ACTING, DOUBLE NG6 SOLENOID VALVE WIRING DIAGRAM



## 4.5 LITRE POWER PACK DIMENSIONS




## 8.0 LITRE POWER PACK DIMENSIONS



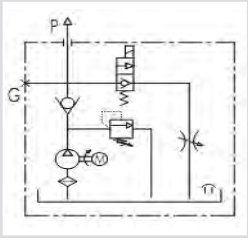

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ004234 | Flowfit 12VDC double acting, double solenoid hydraulic powerpack, 4.5 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar. | £282.09 | € 380.82 |
| ZZ004233 | Flowfit 12VDC double acting, double solenoid hydraulic powerpack, 8.0 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar. | £239.80 | € 323.73 |

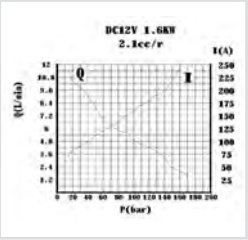
# FLOWFIT 24VDC SINGLE ACTING HYDRAULIC POWER PACKS

www.flowfitonline.com
TECH. DATA SHEET
PPPU4










The Flowfit 24VDC Single Acting power pack is ideal for use in the following applications:

Tail Lift
Trailer/Tipper
Hand operated lift stacker
Scissor Lift Platform
Aerial Platform

The Flowfit 12VDC Single Acting power pack is a compact and quiet unit, able to deliver a flow rate of up to 5 litres a minute at 160 bar. The compact design includes a lowering solenoid valve, relief valve and flow controller mounted within the housing and comes complete with a detachable pre-wired 2 button pendant and 4.5 litre plastic tank as standard.

Options available include an 8.0 litre plastic tank for increased capacity on larger systems and a wireless remote, operated by key fob.

The Flowfit 24VDC Single Acting power pack will require a high capacity battery and a suitable in-line fuse for normal operation.

The motor is designed for intermittent use (S3) which is defined as a sequence of identical cycles of 10 minute duration. The cycle comprises a period of on-load (td) operation in which the motor may reach its maximum permitted temperature, followed by an off-load period (tm) of time, insufficient for the motor to return to ambient temperature.

The value of S3 on this motor equates to 7% or 42 seconds of on-load operation in a ten minute period.

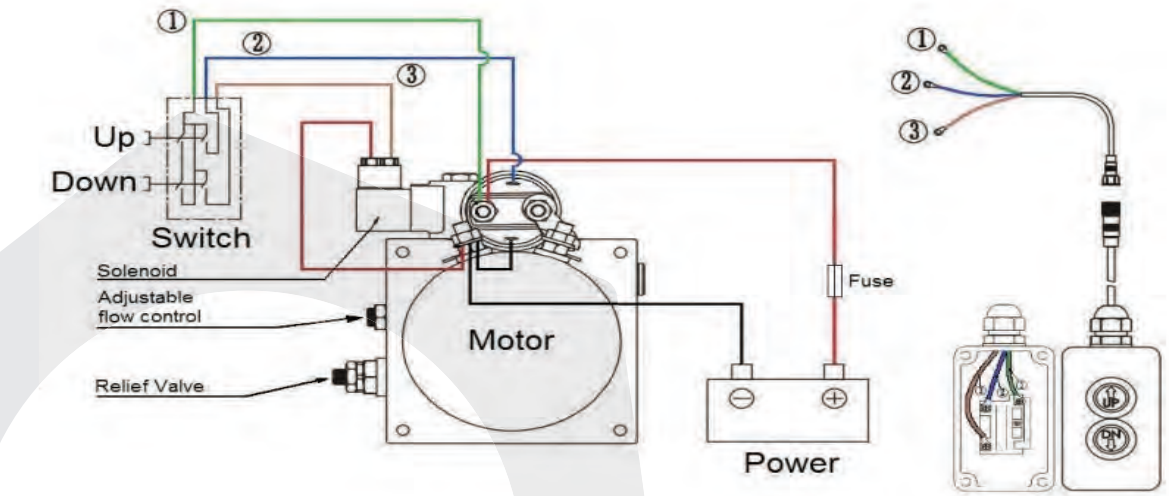
**Flowfit 24VDC Single Acting Tipper Hydraulic Powerunit**

POWERUNIT PACKAGE to operate a single acting cylinder on any trailer or tipper application, or any single acting application complete with detachable two button pendant.

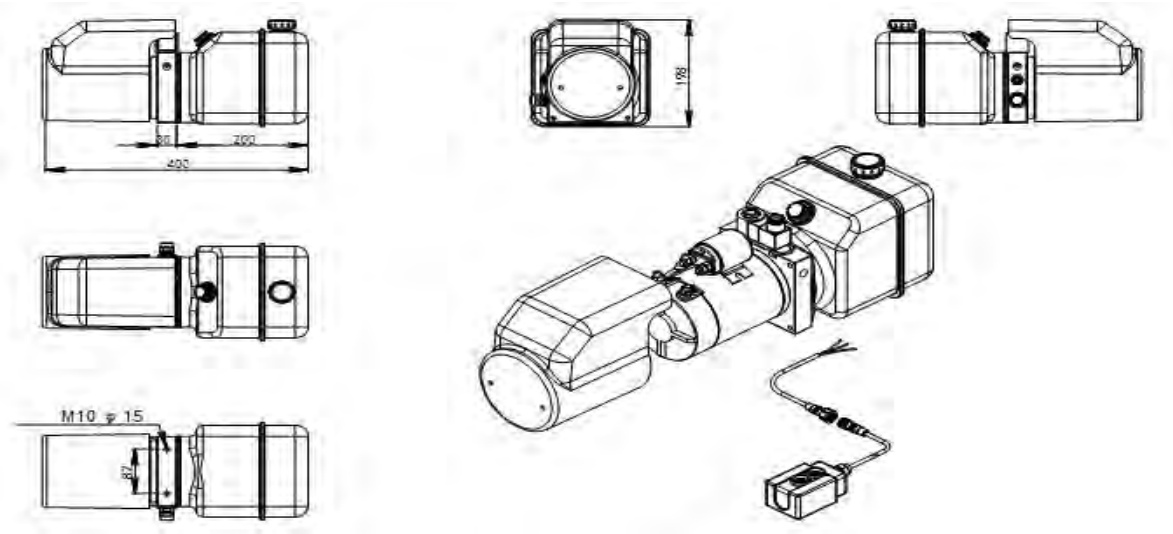
24VDC powerunit.
2.1cc/rev gear pump.
1.6kw 24VDC electric motor c/w relay and plastic motor cover.
4.5 Litre or 8.0 Litre reservoir c/w drain plug.
Powerpack complete with suction strainer, return oil conveyor and filler breather.
Horizontal mounting.
Max pressure 200 bar.
Relief valve set at 160 bar but adjustable from 40-200 bar as standard.
Max flow 5 l/min.
Adjustable flow control for cylinder decent control.
24VDC let down valve, relief and P line check.
Port size 3/8" BSP.
2 Button detachable pendant on a 4 metre lead.
Suitable for all single acting applications.

WITH MANY ADDED FEATURES SUCH AS FLOW CONTROL ON CYLINDER DECENT, DETACHABLE PENDANTS FOR ADDED SECURITY, REMOVEABLE PLASTIC MOTOR COVER AND A VARIATION ON WHICH RELIEF VALVE SPRING IS FITTED YOUR ARE GETTING AN EXCEPTIONALLY GOOD QUALITY PRODUCT AT A VERY COMPETITIVE PRICE.

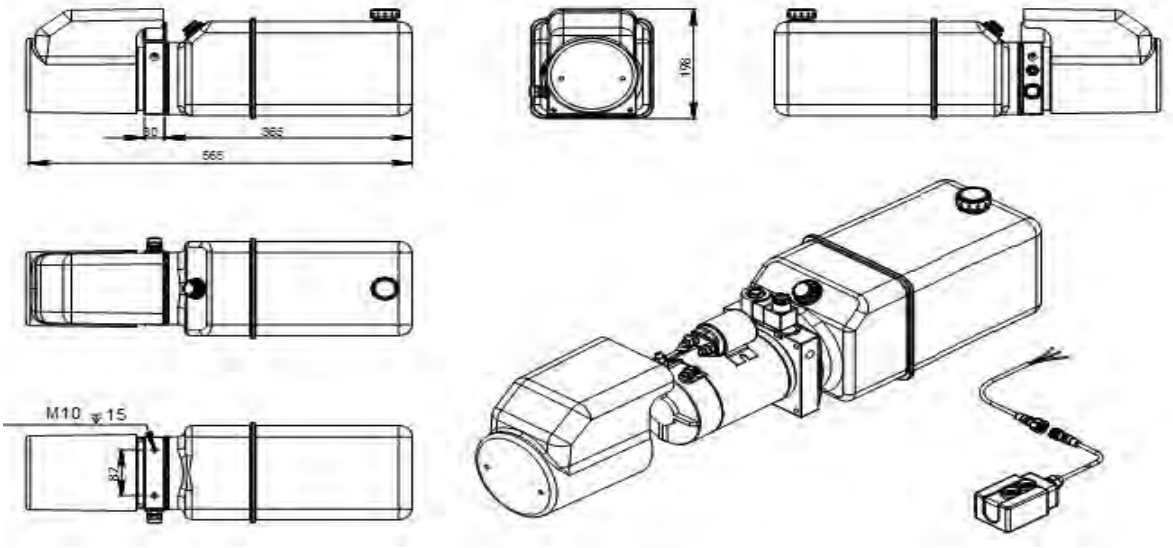
## SINGLE ACTING WIRING DIAGRAM



## 4.5 LITRE POWER PACK DIMENSIONS




## 8.0 LITRE POWER PACK DIMENSIONS



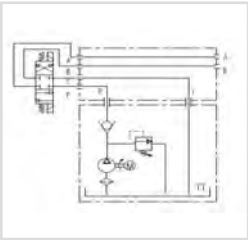

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ003820 | Flowfit 24VDC single acting hydraulic powerpack, 4.5 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar. | £141.70 | € 191.29 |
| ZZ003835 | Flowfit 24VDC single acting hydraulic powerpack, 8.0 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar. | £176.70 | € 238.54 |

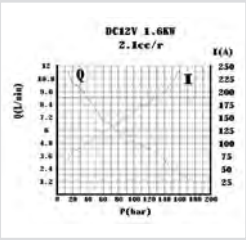
# FLOWFIT 24VDC DOUBLE ACTING, NG6 (CETOP 3) SOLENOID VALVE POWER PACKS

www.flowfitonline.com
TECH. DATA SHEET
PPPU5










The Flowfit 24VDC Double Acting power pack is ideal for use in the following applications:

Tail Lift
Hoists/Winches
Trailer/Tipper
Compactors
Hand operated lift stacker
Parking Systems/Barriers
Scissor Lift Platform
Security Gates
Aerial Platform
Dock Leveler

The Flowfit 24VDC Double Acting power pack is a compact and quiet unit, able to deliver a flow rate of up to 5 litres a minute at 160 bar. The compact design includes a CETOP 3 double acting solenoid valve, relief valve and flow controller mounted within the housing and comes complete with a detachable pre-wired 2 button pendant and 4.5 litre plastic tank as standard.

Options available include an 8.0 litre plastic tank for increased capacity on larger systems.

The Flowfit 24VDC Double Acting power pack will require a high capacity battery and a suitable in-line fuse for normal operation.

The motor is designed for intermittent use (S3) which is defined as a sequence of identical cycles of 10 minute duration. The cycle comprises a period of on-load (td) operation in which the motor may reach its maximum permitted temperature, followed by an off-load period (tm) of time, insufficient for the motor to return to ambient temperature.The value of S3 on this motor equates to 7% or 42 seconds of on-load operation in a ten minute period.



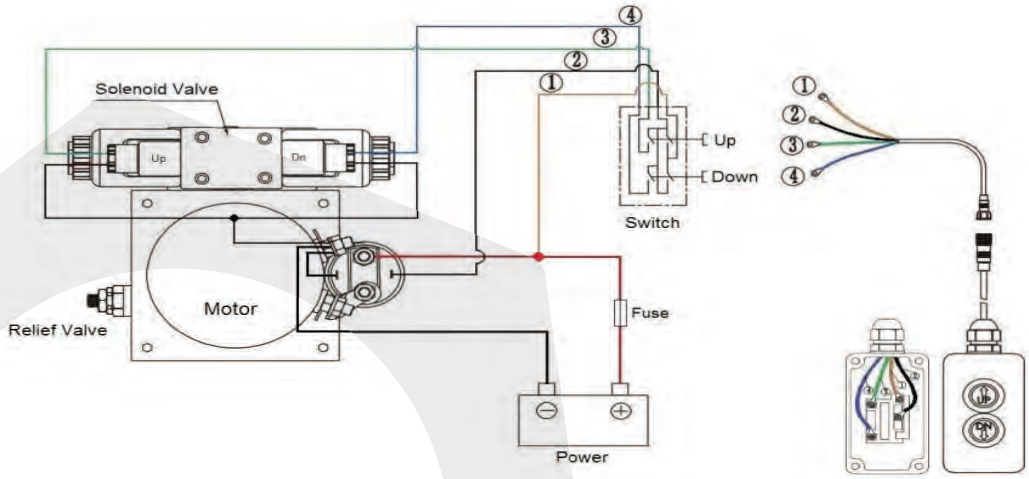

**Flowfit 24VDC Double Acting NG6 Solenoid Valve Hydraulic Powerunit**

POWERUNIT PACKAGE to operate a double acting cylinder on a variety of applications, complete with detachable two button pendant.

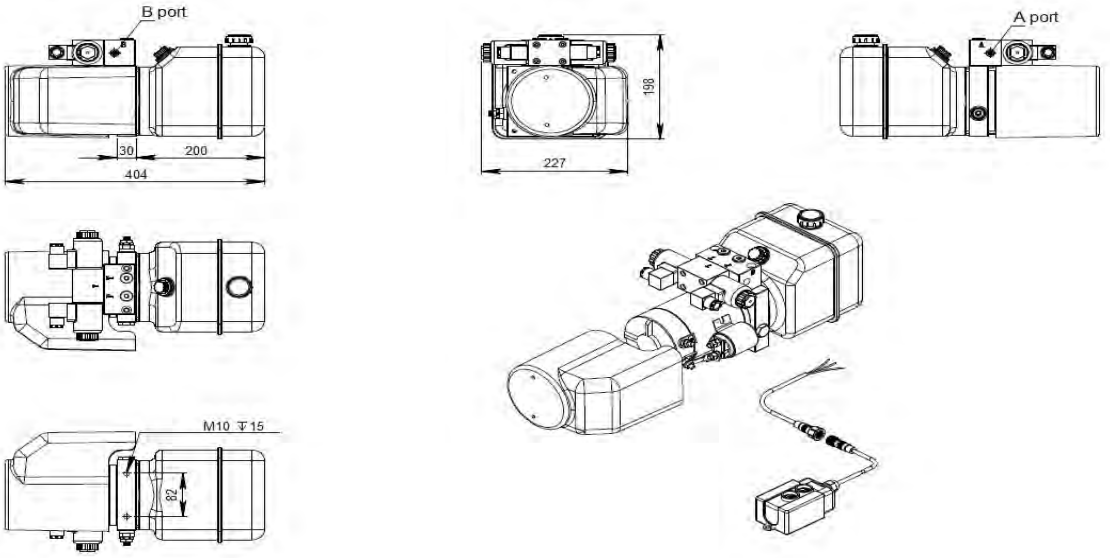
24VDC powerunit.
2.1cc/rev gear pump.
1.6kw 24VDC electric motor c/w relay and plastic motor cover.
4.5 Litre or 8.0 Litre reservoir c/w drain plug.
Powerpack complete with suction strainer, return oil conveyor and filler breather.
Horizontal mounting.
Max pressure 200 bar.
Relief valve set at 160 bar but adjustable from 40-200 bar as standard.
Max flow 5 l/min.
Relief valve and P line check.
Port size 3/8" BSP.
2 Button detachable pendant on a 4 metre lead.
Suitable for all double acting applications.

WITH MANY ADDED FEATURES SUCH AS DETACHABLE PENDANTS FOR ADDED SECURITY, REMOVEABLE PLASTIC MOTOR COVER AND A VARIATION ON WHICH RELIEF VALVE SPRING IS FITTED YOUR ARE GETTING AN EXCEPTIONALLY GOOD QUALITY PRODUCT AT A VERY COMPETITIVE PRICE.

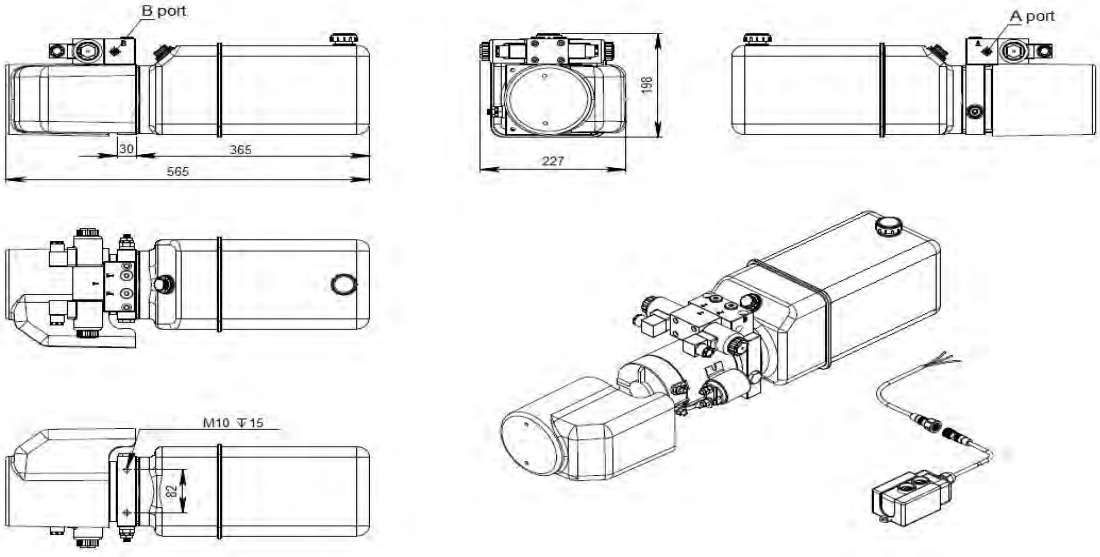
## DOUBLE ACTING, NG6 SOLENOID VALVE WIRING DIAGRAM



## 4.5 LITRE POWER PACK DIMENSIONS




## 8.0 LITRE POWER PACK DIMENSIONS



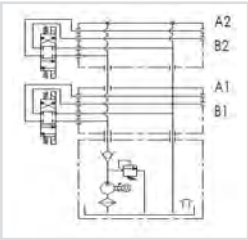

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ004236 | Flowfit 24VDC double acting, single solenoid hydraulic powerpack, 4.5 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar. | £227.19 | € 306.71 |
| ZZ004237 | Flowfit 24VDC double acting, single solenoid hydraulic powerpack, 8.0 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar. | £239.81 | € 323.75 |

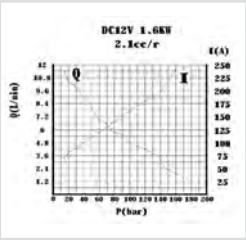
# FLOWFIT 24VDC DOUBLE ACTING, DOUBLE NG6 (CETOP 3) SOLENOID VALVE POWER PACKS

www.flowfitonline.com
TECH. DATA SHEET
PPPU6








The Flowfit 24VDC Double Acting Double CETOP power pack is ideal for use in the following applications:

Tail Lift/Extender
Hoists/Winches
Trailer/Tipper
Compactors
Hand operated lift stacker
Parking Systems/Barriers
Scissor Lift Platform
Security Gates
Aerial Platform
Dock Leveler

The Flowfit 12VDC Double Acting Double CETOP power pack is a compact and quiet unit, able to deliver a flow rate of up to 5 litres a minute at 160 bar. The compact design includes two CETOP 3 double acting solenoid valves operating two separate circuits, a relief valve and a flow controller mounted within the housing and comes complete with a detachable pre-wired 4 button pendant and 4.5 litre plastic tank as standard.

Options available include an 8.0 litre plastic tank for increased capacity on larger systems.

The Flowfit 12VDC Double Acting power pack will require a high capacity battery and a suitable in-line fuse for normal operation.

The motor is designed for intermittent use (S3) which is defined as a sequence of identical cycles of 10 minute duration. The cycle comprises a period of on-load (td) operation in which the motor may reach its maximum permitted temperature, followed by an off-load period (tm) of time, insufficient for the motor to return to ambient temperature.The value of S3 on this motor equates to 7% or 42 seconds of on-load operation in a ten minute period.

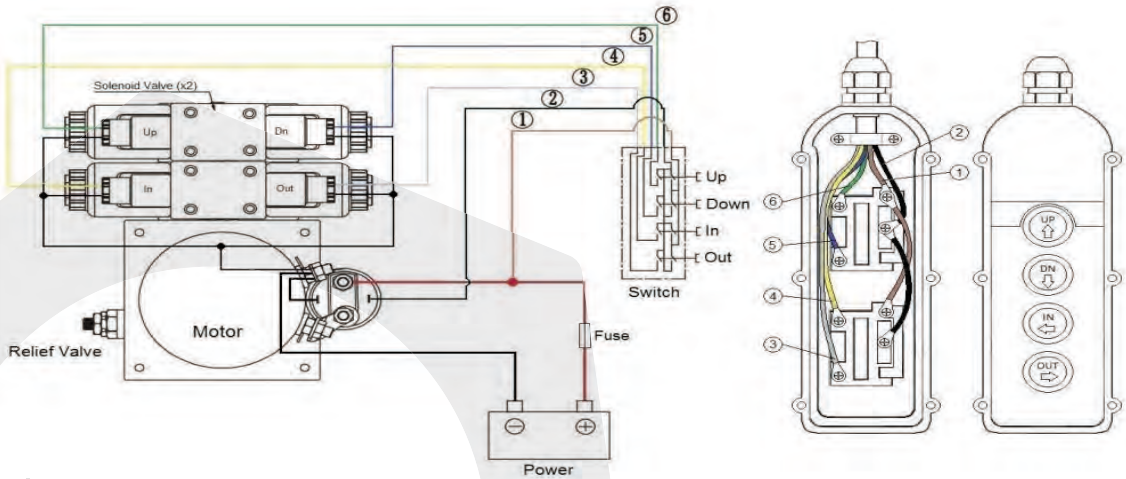
**Flowfit 24VDC Double Acting, Double NG6**
**Solenoid Valve Hydraulic Powerunit**

POWERUNIT PACKAGE to operate two double acting cylinders independantly on a vatiety of applications, complete with four button pendant.

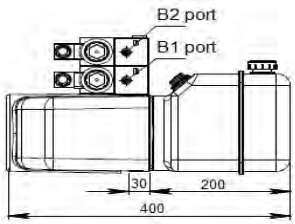
24VDC powerunit.
2.1cc/rev gear pump.
1.6kw 24VDC electric motor c/w relay and plastic motor cover.
4.5 Litre or 8.0 Litre reservoir c/w drain plug.
Powerpack complete with suction strainer, return oil conveyor and filler breather.
Horizontal mounting.
Max pressure 200 bar.
Relief valve set at 160 bar but adjustable from 40-200 bar as standard.
Max flow 5 l/min.
Relief valve and P line check.
Port size 3/8" BSP.
4 Button pendant on a 4 metre lead.
Suitable for all double acting applications.

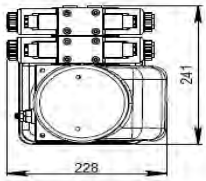
WITH MANY ADDED FEATURES SUCH AS REMOVEABLE PLASTIC MOTOR COVER AND A VARIATION ON WHICH RELIEF VALVE SPRING IS FITTED YOUR ARE GETTING AN EXCEPTIONALLY GOOD QUALITY PRODUCT AT A VERY COMPETITIVE PRICE

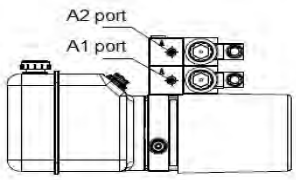
## DOUBLE ACTING, DOUBLE NG6 SOLENOID VALVE WIRING DIAGRAM

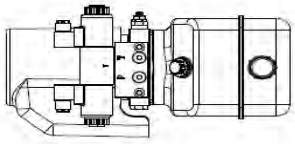


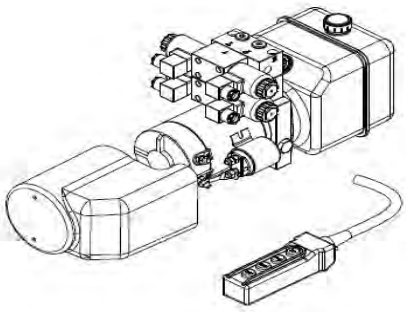
## 4.5 LITRE POWER PACK DIMENSIONS

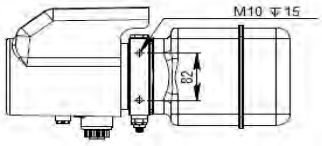


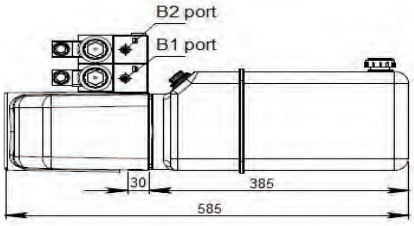



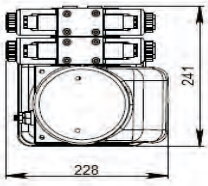



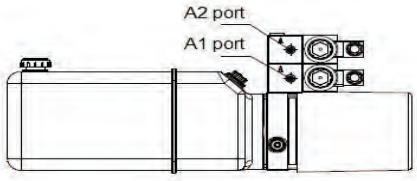


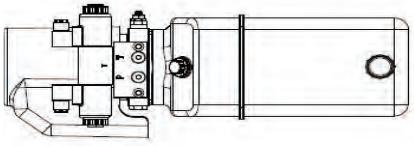


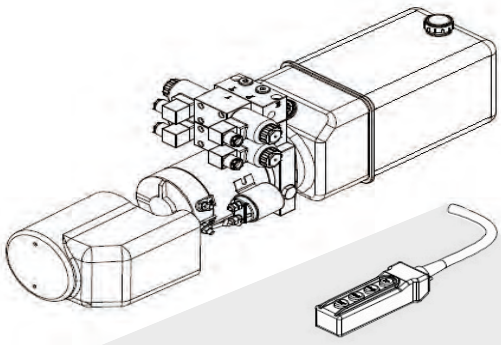

## 8.0 LITRE POWER PACK DIMENSIONS

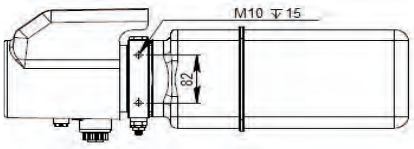







| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ004238 | Flowfit 24VDC double acting, double solenoid hydraulic powerpack, 4.5 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar. | £282.10 | € 380.83 |
| ZZ004239 | Flowfit 24VDC double acting, double solenoid hydraulic powerpack, 8.0 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar. | £294.71 | € 397.86 |

# ACCESSORIES

## MOTOR (WITH RELAY)

www.flowfitonline.com
TECH. DATA SHEET
PPPU7



### 24VDC MOTOR (WITH RELAY)

Voltage: 24VDC
Power: 1.6kW
Relay: 24V 200A
Speed: 3500RPM
Duty: S3=7% (Intermittent Duty)
Dimensions: Ø 114mm, Length 170mm
Drive: Splined

### 12VDC MOTOR (WITH RELAY)

Voltage: 12VDC
Power: 1.6kW
Relay: 12V 200A
Speed: 3500RPM
Duty: S3=7% (Intermittent Duty)
Dimensions: Ø 114mm, Length 170mm
Drive: Splined

S3 Intermittent duty is defined as a sequence of identical cycles of 10 minute duration.The cycle comprises a period of on-load (td) operation in which the motor may reach its maximum permitted temperature, followed by an off-load period (tm) of time, insufficient for the motor to return to ambient temperature.

The value of S3 on this motor equals 7% or 42 seconds of on-load operation in a ten minute period.

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 24VDCMOTOR | 24VDC MOTOR 1.6KW C/W RELAY | £83.84 | € 113.18 |
| 12VDCMOTOR | 12VDC MOTOR 1.6KW C/W RELAY | £83.84 | € 113.18 |

## COIL FOR LET DOWN VALVE

www.flowfitonline.com
TECH. DATA SHEET
PPPU7



### 24VDC COIL FOR LET DOWN VALVE

24VDC coil with Herschmann connector, for use on the lowering valve of Single Acting 24VDC power packs (ZZ003820 and ZZ003835).

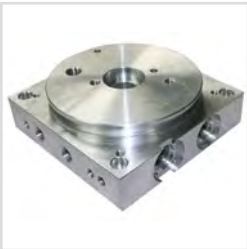
### 12VDC COIL FOR LET DOWN VALVE

12VDC coil with Herschmann connector, for use on the lowering valve of Single Acting 12VDC power packs (ZZ003468 and ZZ003834).

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 24VLOWCOIL | 24VDC COILS TO SUIT ZZ003820 & ZZ003835 USED ON LET DOWN VALVE | £9.06 | € 12.24 |
| 12VLOWCOIL | 12VDC COILS TO SUIT ZZ003468 & ZZ003834 USED ON LET DOWN VALVE | £9.06 | € 12.24 |

## JC00-01 DOUBLE ACTING HOUSING

www.flowfitonline.com
TECH. DATA SHEET
PPPU7



Double Acting Housing machined from solid aluminium block.
Comes with 1/4" BSP threaded P and T ports to use as basic P and T unit.
Machined ports for Relief Valve, Check Valve, and Flow Control Valve.

Requires seperate manifold for Double Acting operation.

Mounting face machined to enable DC motor to be positioned at 90° intervals.

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| DAHOUSING | JC00-01 DOUBLE ACTING HOUSING | £45.45 | € 61.35 |

# CETOP 3 NG6 1 STATION MANIFOLD

www.flowfitonline.com
TECH. DATA SHEET
PPPU7



CETOP 3 (NG6) 1 station manifold machined from solid aluminium block. P, T, A and B ports come with 1/4" BSP thread.

Two manifolds can be stacked together creating a Double Acting, Double Cetop 3 power pack.

Mounting bolts:
M8 x 50mm Cap Head (single manifold)
M8 x 100mm Cap Head (double manifold)

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| CETOP31STATION | CETOP 3, 1 STATION MANIFOLD TO SUIT JC00-01 HOUSING | £15.15 | € 20.46 |

# PLASTIC 8.0 LITRE TANK

www.flowfitonline.com
TECH. DATA SHEET
PPPU7



8.0 Litre horizontal plastic tank for increased capacity of larger hydraulic systems.

Comes with Filler Breather (with Dip Stick), blank plug and Jubilee Clip.

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PLASTANK8L | PLASTIC TANK 8.0L C/W RED PLUG AND BREATHER | £9.00 | € 12.15 |

# 2 BUTTON SINGLE ACTING 3 WIRE PENDANT

www.flowfitonline.com
TECH. DATA SHEET
PPPU7






2 button Single Acting pendant comes pre-wired for powered lift and gravity lowered applications.

Comes with 4 metres of detachable 3 wire cable for added security.

Also available for Single Acting power packs with remote option.



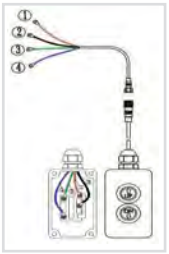

Wiring diagram for Single Acting power pack with remote option.

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PENDSA | 3 WIRE SINGLE ACTING PENDANT WITH 4 METRE CABLE DETACHABLE | £17.67 | € 23.86 |

# 2 BUTTON DOUBLE ACTING 4 WIRE PENDANT

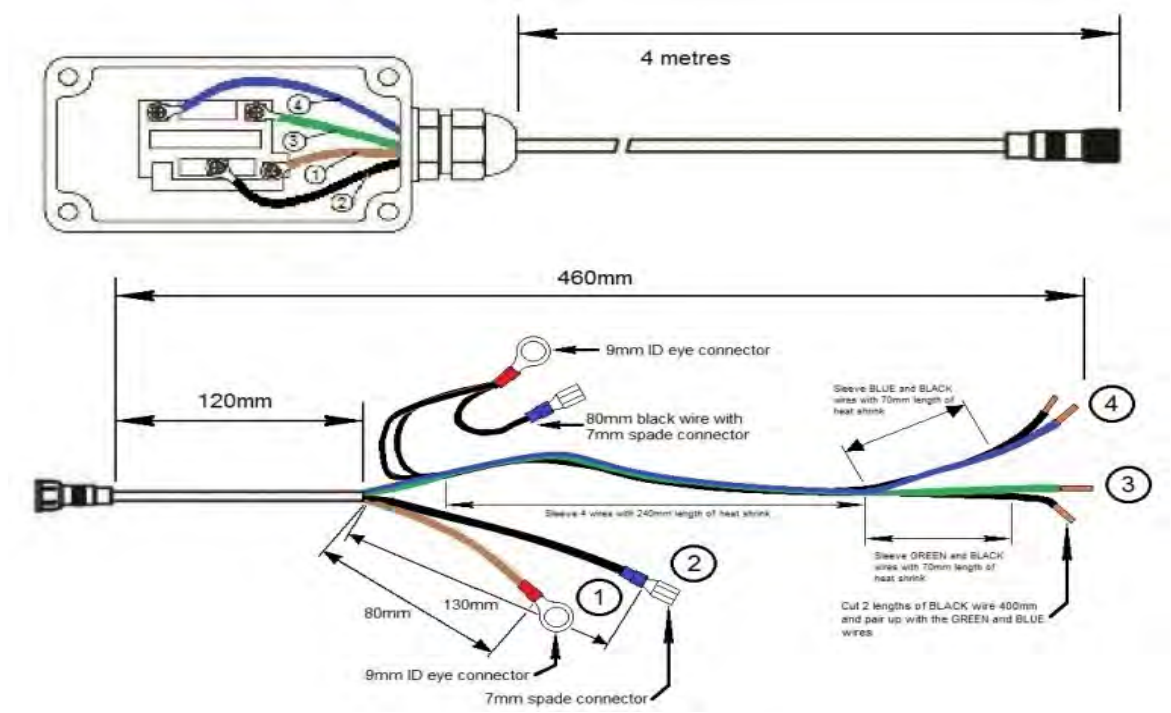
www.flowfitonline.com
TECH. DATA SHEET
PPPU8





2 button Double Acting pendant comes pre-wired for powered operation in both directions through a CETOP 3 (NG6) solenoid valve.

Comes with 4 metres of detachable 4 wire cable for added security.

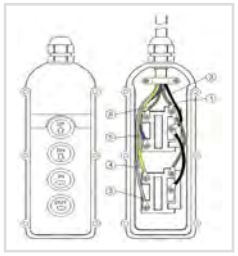



| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PENDDA | 4 WIRE DOUBLE ACTING PENDANT WITH 4 METRE CABLE DETACHABLE | £23.98 | € 32.37 |

# 4 BUTTON DOUBLE ACTING 6 WIRE PENDANT

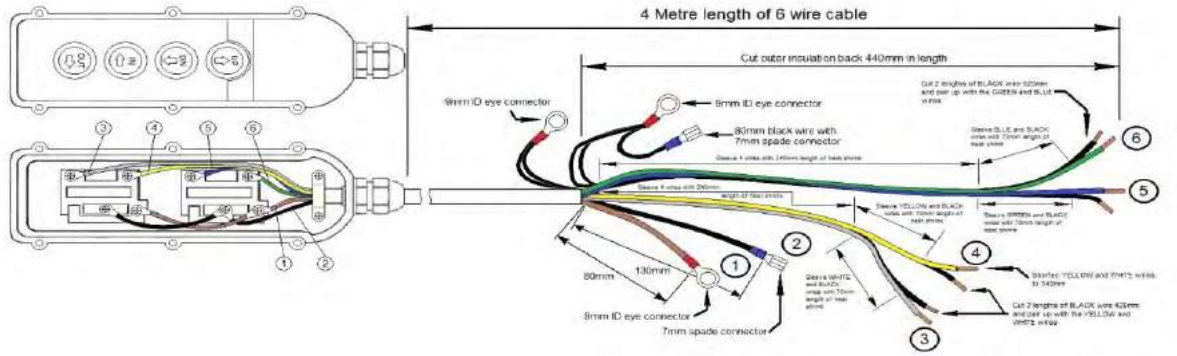
www.flowfitonline.com
TECH. DATA SHEET
PPPU8





4 button Double Acting pendant comes pre wired to operate two separate hydraulic circuits through two CETOP 3 (NG6) solenoid valves.

Comes with 4 metres of 6 wire cable for hard wiring into a power pack.




| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PENDDADA | 6 WIRE DOUBLE ACTING PENDANT WITH 4 METRE CABLE DETACHABLE | £31.56 | € 42.61 |

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| LABEL: YELLOW WARNING | YELLOW WARNING LABEL TO SUIT SINGLE ACTING POWERPACKS | £1.14 | € 1.54 |
| LABELS: ZZ003468 | FLOWFIT LABEL TO SUIT ZZ003468 | £1.14 | € 1.54 |
| LABELS: ZZ003820 | FLOWFIT LABEL TO SUIT ZZ003820 | £1.14 | € 1.54 |
| LABELS: ZZ003834 | FLOWFIT LABEL TO SUIT ZZ003834 | £1.14 | € 1.54 |
| LABELS: ZZ003835 | FLOWFIT LABEL TO SUIT ZZ003835 | £1.14 | € 1.54 |

# FLOWFIT MOBILE ENGINE DRIVEN HYDRAULIC POWER UNITS ON WHEELS

## FLOWFIT MOBILE ENGINE DRIVEN HYDRAULIC POWER UNITS

www.flowfitonline.com
TECH. DATA SHEET
PPPU9

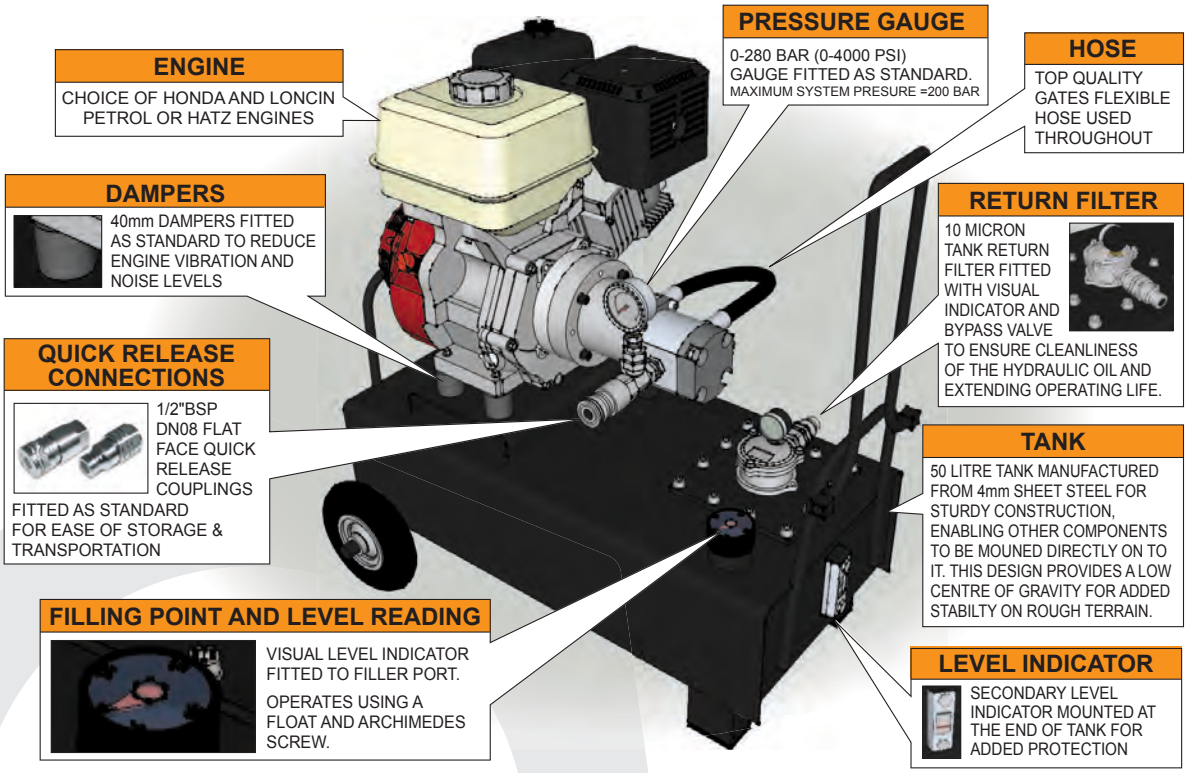


The Flowfit Range of Petrol Engine Driven Hydraulic Power Units on wheels is based on the Honda GX160 5.5 HP, Honda GX270 9.5 HP and the Honda GX390 13 HP range of engines we do have larger Honda sizes up to 25HP GX630 upon request.

Commercial Self Contained Portable Hydraulic Power Units are designed for heavy duty farm, marine and other commercial applications. Our HPU's replace farm tractor, truck and other hydraulic power supplies. Use with grain augers, mixers, lifts and other hydraulic applications with pressure available up to 200 bar (2900 psi). We offer a variety of petrol engines from the Honda GX Series and for those on a budget, Loncin engines are available. Alternatively, Hatz, Changfa or Lombardini commercial diesel engines can be specified, along with electric start/stop on all engine ranges upon request. Please contact our technical support staff to discuss all of your specific requirements.

**SPECIFICATION**

- Max Pressure: 200 bar (2900 psi).
- Relief valve Mounted on the front of the Gear Pump (pre-set to 150 bar).
- Gear Pump flows available up to 25.5 l/min.
- Flowfit Pressure Gauge fitted 0-280 bar (0-4000psi).
- Hydraulic Tank/Reservoir Capacity 50 Litres.
- Rugged Construction.
- Collapsible handle assembly for ease of transportation.
- Suction strainer fitted 125 micron, max flow 30 l/min accessible via bolt down hatch on top of tank.
- Return line filter tank mounted 10 micron cellulose filter element, c/w visual clogging indicator and diffuser and max pressure 8 bar / 116 psi.
- Max flow to return through the return line filter 45 l/min. Can be uprated to 65 l/min returnable flow with 125 micron filter element fitted. We recommend regular checking of visual indicator to ensure filter element does not need changing.
- Replacement return line filter element is available. We recommend this is changed after the first 20 hours of use to ensure maximum efficiency and cleanliness of the hydraulic powerunit.
- Filling Point - Via a visual level indicator c/w with float system. Filler is removeable and allows a constant indication of the hydraulic oil level inside the tank.
- Max Temperature of Oil 80°C.
- Flat face quick release couplings 2 off complete fitted on pump outlet and tank top return filter ready to connect your 1/2" bsp male hose connection or male adaptor.
- Power Unit fitted with top quality Gates hydraulic hose assemblies Pneumatic tyre wheels Kit included for ease of transportation.
- Full 1 Year Warranty (2 year warranty standard on Honda engines) Made in England.



**ENGINE**
CHOICE OF HONDA AND LONCIN PETROL OR HATZ ENGINES

**PRESSURE GAUGE**
0-280 BAR (0-4000 PSI) GAUGE FITTED AS STANDARD.
MAXIMUM SYSTEM PRESURE =200 BAR

**HOSE**
TOP QUALITY GATES FLEXIBLE HOSE USED THROUGHOUT

**DAMPERS**
40mm DAMPERS FITTED AS STANDARD TO REDUCE ENGINE VIBRATION AND NOISE LEVELS

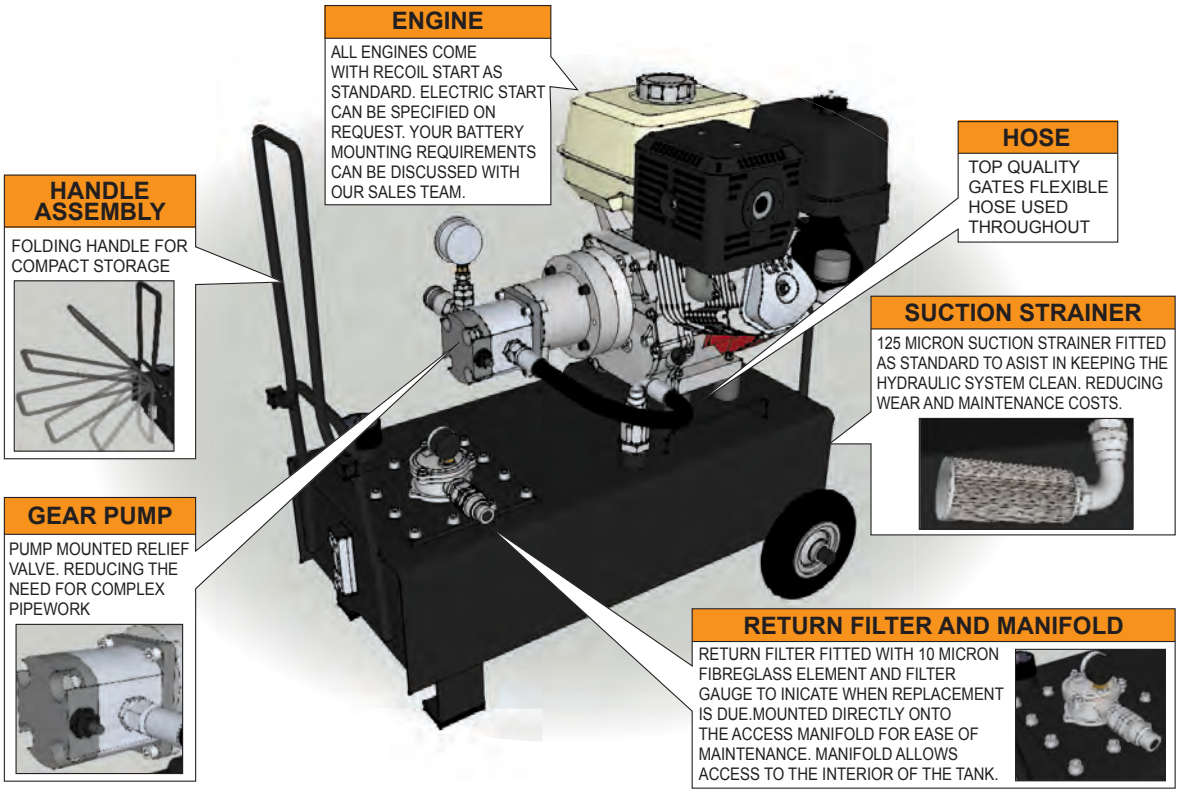
**RETURN FILTER**
10 MICRON TANK RETURN FILTER FITTED WITH VISUAL INDICATOR AND BYPASS VALVE TO ENSURE CLEANLINESS OF THE HYDRAULIC OIL AND EXTENDING OPERATING LIFE.

**QUICK RELEASE CONNECTIONS**
1/2"BSP DN08 FLAT FACE QUICK RELEASE COUPLINGS FITTED AS STANDARD FOR EASE OF STORAGE & TRANSPORTATION

**TANK**
50 LITRE TANK MANUFACTURED FROM 4mm SHEET STEEL FOR STURDY CONSTRUCTION, ENABLING OTHER COMPONENTS TO BE MOUNED DIRECTLY ON TO IT. THIS DESIGN PROVIDES A LOW CENTRE OF GRAVITY FOR ADDED STABILTY ON ROUGH TERRAIN.

**FILLING POINT AND LEVEL READING**
VISUAL LEVEL INDICATOR FITTED TO FILLER PORT.
OPERATES USING A FLOAT AND ARCHIMEDES SCREW.

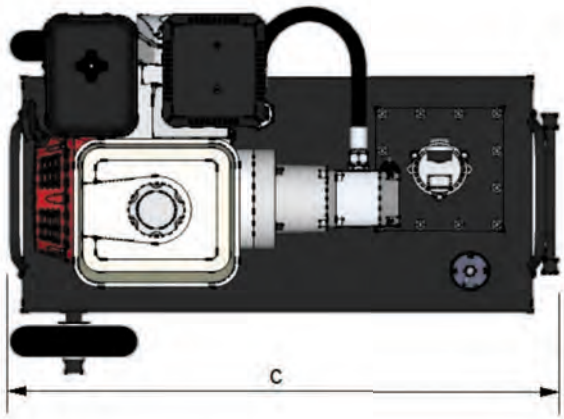
**LEVEL INDICATOR**
SECONDARY LEVEL INDICATOR MOUNTED AT THE END OF TANK FOR ADDED PROTECTION

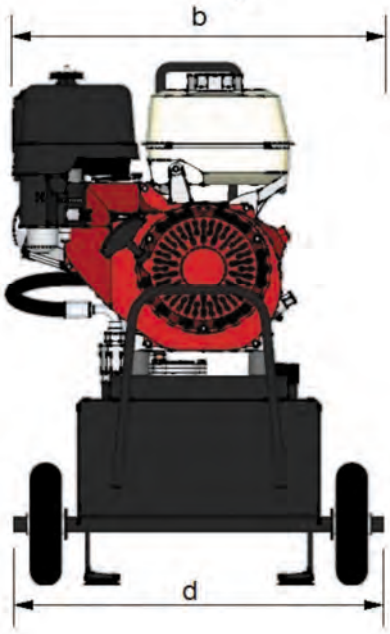


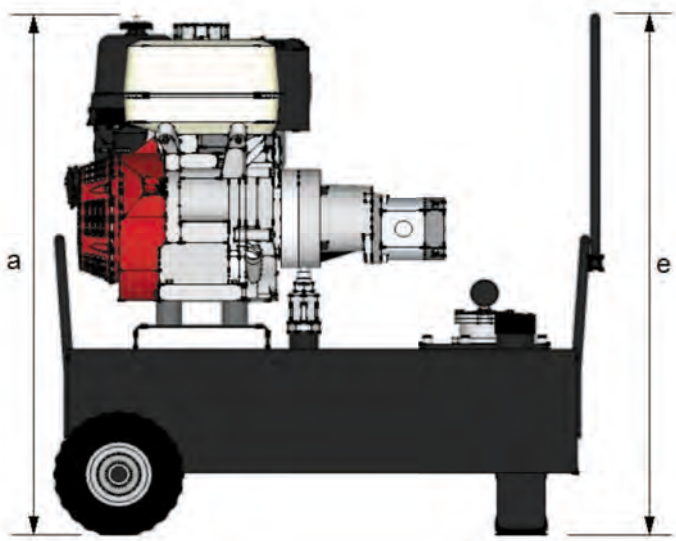

| FLOWFIT HONDA PETROL POWER UNIT (RECOIL START) | | | |
|---|---|---|---|
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
| | | £ STERLING | € EUROS |
| ZZ003799 | GX390FQ 13HP HONDA PETROL ENGINE PORTABLE UNIT 25.5L/MIN 210BAR RECOIL START | £1,935.44 | € 2,612.83 |
| ZZ003801 | GX270FQ 9.5HP HONDA PETROL ENGINE PORTABLE UNIT 19.5L/MIN 200BAR RECOIL START | £1,727.03 | € 2,331.49 |
| ZZ003802 | GX160FQ 5.5HP HONDA PETROL ENGINE PORTABLE UNIT 10.5L/MIN 200BAR RECOIL START | £1,325.26 | € 1,789.10 |

| FLOWFIT LONCIN PETROL POWER UNIT (RECOIL START) | | | |
|---|---|---|---|
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
| | | £ STERLING | € EUROS |
| ZZ003800 | G390F-P 13HP LONCIN PETROL ENGINE PORTABLE UNIT 25.5L/MIN 210BAR RECOIL START | £1,505.11 | € 2,031.90 |
| ZZ003803 | G270F-P 9HP LONCIN PETROL ENGINE PORTABLE UNIT 19.5L/MIN 200BAR RECOIL START | £1,313.90 | € 1,773.76 |
| ZZ003804 | G160F-P 5.5HP LONCIN PETROL ENGINE PORTABLE UNIT 10.5L/MIN 200BAR RECOIL START | £1,108.13 | € 1,495.98 |






| PRODUCT REFERENCE | ENGINE | PUMP | FLOW RATE | PRESSURE | | WEIGHT (DRY) | DIMENSIONS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | BAR | PSI | | A | B | C | D | E |
| ZZ003799 | GX390FQ | 8cc | 25.5l/min | 210 | 3045 | 75kg | 821mm | 587mm | 860mm | 580mm | 845mm |
| ZZ003801 | GX270FQ | 6.5cc | 19.5l/min | 200 | 2900 | 69kg | 788mm | 563mm | | | |
| ZZ003802 | GX160FQ | 3.2cc | 10.5l/min | 200 | 2900 | 60kg | 713mm | 529mm | | | |
| ZZ003800 | G390F | 8cc | 25.5l/min | 210 | 3045 | 75kg | 818mm | 584mm | | | |
| ZZ003803 | G270F | 6.5cc | 19.5l/min | 200 | 2900 | 69kg | 788mm | 570mm | | | |
| ZZ003804 | G160F | 3.2cc | 10.5l/min | 200 | 2900 | 60kg | 793mm | 530mm | | | |

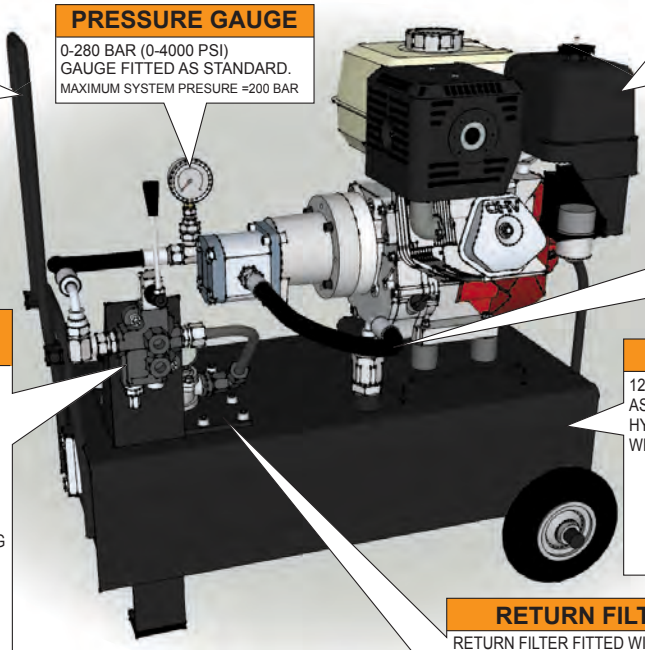
## HANDLE ASSEMBLY

FOLDING HANDLE FOR COMPACT STORAGE



## PRESSURE GAUGE

0-280 BAR (0-4000 PSI) GAUGE FITTED AS STANDARD.
MAXIMUM SYSTEM PRESURE =200 BAR



## ENGINE

ALL ENGINES COME WITH RECOIL START AS STANDARD. ELECTRIC START CAN BE SPECIFIED ON REQUEST. YOUR BATTERY MOUNTING REQUIREMENTS CAN BE DISCUSSED WITH OUR SALES TEAM.

## HOSE

TOP QUALITY GATES FLEXIBLE HOSE USED THROUGHOUT

## LEVER VALVE WITH 3/8" 'A' & 'B' PORTS



THE HDM140 DOUBLE ACTING 3 POSITION SPOOL VALVE IS 3/8"BSP PORTED AND PROVIDE A MAXIMUM FLOW RATE OF 40 L/ MIN WITH SPRING RETURN TO NEUTRAL.

A RELIEF VALVE IS FITTED TO THE HDM140 AS STANDARD AND IS PRESET TO 150 BAR. DIFFERENT SPOOL AND POSITIONER CONFIGURATIONS CAN BE SPECIFIED UPON REQUEST.

## SUCTION STRAINER

125 MICRON SUCTION STRAINER FITTED AS STANDARD TO ASIST IN KEEPING THE HYDRAULIC SYSTEM CLEAN. REDUCING WEAR AND MAINTENANCE COSTS.

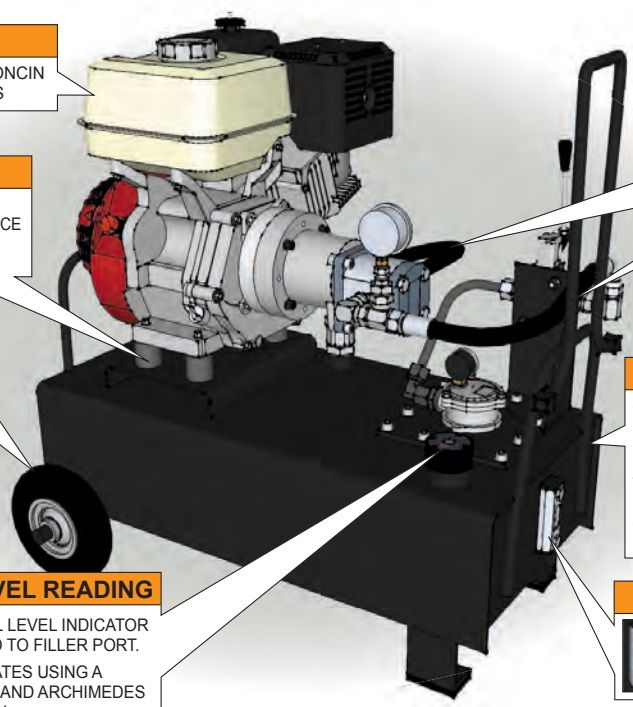


## RETURN FILTER AND MANIFOLD

RETURN FILTER FITTED WITH 10 MICRON FIBREGLASS ELEMENT AND FILTER GAUGE TO INICATE WHEN REPLACEMENT IS DUE. MOUNTED DIRECTLY ONTO THE ACCESS MANIFOLD FOR EASE OF MAINTENANCE. MANIFOLD ALLOWS ACCESS TO THE INTERIOR OF THE TANK.



| FLOWFIT HONDA PETROL POWER UNIT (RECOIL START) WITH LEVER VALVE | | | |
|---|---|---|---|
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
| | | £ STERLING | € EUROS |
| ZZ004422 | GX390FQ 13HP HONDA PETROL ENGINE PORTABLE UNIT 25.5L/MIN 210BAR RECOIL START (with lever valve) | £2,098.32 | € 2,832.73 |
| ZZ004423 | GX270FQ 9.5HP HONDA PETROL ENGINE PORTABLE UNIT 19.5L/MIN 200BAR RECOIL START (with lever valve) | £1,874.29 | € 2,530.29 |
| ZZ004424 | GX160FQ 5.5HP HONDA PETROL ENGINE PORTABLE UNIT 10.5L/MIN 200BAR RECOIL START (with lever valve) | £1,466.61 | € 1,979.92 |



### ENGINE
CHOICE OF HONDA AND LONCIN PETROL OR HATZ ENGINES

### DAMPERS

40mm DAMPERS FITTED AS STANDARD TO REDUCE ENGINE VIBRATION AND NOISE LEVELS

### WHEEL ASSEMBLY

200mm WHEEL KIT WITH PNEUMATIC TYRES, FITTED AS STANDARD

### FILLING POINT AND LEVEL READING

VISUAL LEVEL INDICATOR FITTED TO FILLER PORT.

OPERATES USING A FLOAT AND ARCHIMEDES SCREW.

### HOSE
TOP QUALITY GATES FLEXIBLE HOSE USED THROUGHOUT

### TANK
50 LITRE TANK MANUFACTURED FROM 4mm SHEET STEEL FOR STURDY CONSTRUCTION, ENABLING OTHER COMPONENTS TO BE MOUNED DIRECTLY ON TO IT. THIS DESIGN PROVIDES A LOW CENTRE OF GRAVITY FOR ADDED STABILTY ON ROUGH TERRAIN.

### LEVEL INDICATOR

SECONDARY LEVEL INDICATOR MOUNTED AT THE END OF TANK FOR ADDED PROTECTION

| FLOWFIT LONCIN PETROL POWER UNIT (RECOIL START) WITH LEVER VALVE | | | |
|---|---|---|---|
| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
| | | £ STERLING | € EUROS |
| ZZ004425 | G390F-P 13HP LONCIN PETROL ENGINE PORTABLE UNIT 25.5L/MIN 210BAR RECOIL START (with lever valve) | £1,654.67 | € 2,233.81 |
| ZZ004426 | G270F-P 9HP LONCIN PETROL ENGINE PORTABLE UNIT 19.5L/MIN 200BAR RECOIL START (with lever valve) | £1,457.77 | € 1,968.00 |
| ZZ004427 | G160F-P 5.5HP LONCIN PETROL ENGINE PORTABLE UNIT 10.5L/MIN 200BAR RECOIL START (with lever valve) | £1,198.41 | € 1,617.85 |

## HYDRAULIC POWER UNITS

# HYDRAULIC POWER UNITS


| PRODUCT | PAGE |
|---|---|
| SERIES UP100 HYDRAULIC POWER PACKS | 142 |
| UP100 POWERUNIT BUILD YOUR OWN | 143 |
| UP100 READY BUILT IN STOCK | 147 |
| READY BUILT IN STOCK SINGLE ACTING POWERUNIT | 149 |
| UP100 READY BUILT IN STOCK DOUBLE ACTING CIRCUIT | 152 |
| HF500 250 BAR POWER PACKS | 155 |
| DETAILS FOR INSTALLATION HF500 | 160 |
| HF600 350 BAR VARIABLE FLOW HIGH PRESSURE POWER PACKS | 161 |
| DETAILS FOR INSTALLATION HF600 | 163 |
| UP50 MINI-FLOW HYDRAULIC POWER PACK | 164 |
| ET-ELECTRIC DC MOTOR PUMP SET | 167 |
| HF800 HONDA PETROL ENGINE DRIVEN POWER PACKS | 168 |
| HF700 PETROL ENGINE DRIVEN POWER PACKS | 170 |
| HF900 HATZ DIESEL ENGINE DRIVEN | 172 |
| CUSTOM BUILT POWER UNITS | 174 |





FROM ONLY £515.26 +VAT







FROM ONLY £1,216.58 +VAT

**QUALITY PRODUCTS**

**FREE ADVICE**

FLOWFIT FREE SYSTEM EVALUATION
Send us your requirements and we will do the rest

# SERIES UP100 HYDRAULIC POWER PACKS

**A full range of Flowfit powerunits built to order and held in stock at our warehouse ready for you to collect, all units available in DC and AC combinations.**

These units feature a high degree of accuracy and have a wide application range. Bucher Hydraulics power packs are designed according an integrated modular system of valves for the various functions.

This highlights the equipment's compact nature, the foundation of its high performance level.




The basic components of the power packs are:

- a manifold block with cavities for various types of valves
- a very quiet, high-efficiency gear pump
- an electric motor (DC or AC)
- a reservoir (plastic or steel)
- several optional accessories

**Advantages**

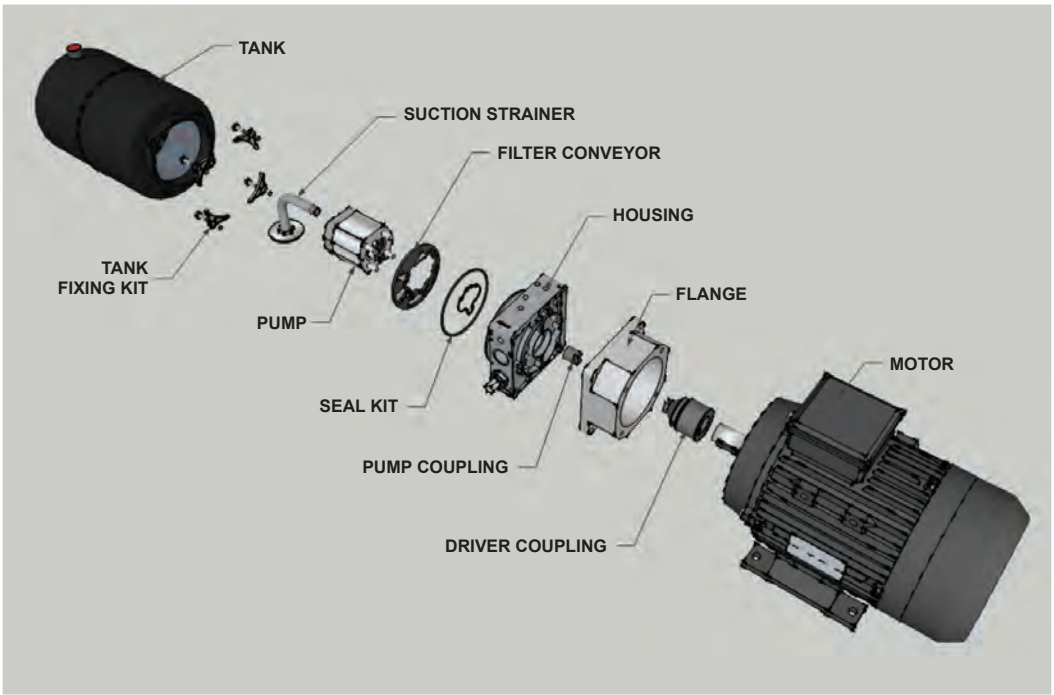
- Compact and modular construction, limited number of components, quick and easy assembly
- Maximum flexibility – numerous different circuits can be built from just the few basic versions
- Valve cavities conform to international standards
- Optimisation of motor-pump unit produce increased efficiency and low operating noise level

| | UP50 | UP100 |
|---|---|---|
| cm3/rev | 0.25 - 2.3 | 1.2 - 10.0 |
| bar | 230 | 230 |
| kw | 0.35 - 2.0 | 0.8 - 2.0 |
| kw | 0.40 - 2.5 | 1.2 - 3.0 |
| kw | 2.0 | 2.0 |
| kw | 0.12 - 0.75 | 0.25 - 4.0 |
| litre | 0.5 - 4.0 | 1.5 - 18.0 |

**Applications**

- Car lifters
- Lift trucks
- Scissor lifts
- Medical equipment
- Tailift applications
- Lifting platforms
- Equipments for disabled needs
- Automation: opening/closing of swing doors, tailgates, safety locking systems, etc.

# TYPICAL LAYOUT OF UP100 POWERUNIT



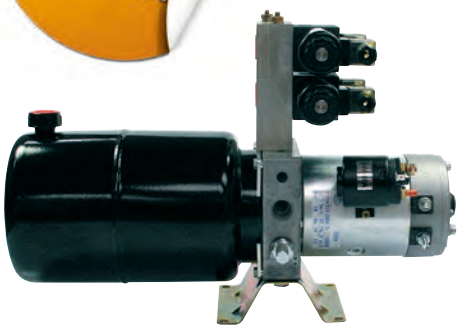
# UP100 POWERUNIT BUILD YOUR OWN

www.flowfitonline.com
TECH. DATA SHEET
PU1









The UP100 series of standard power packs is based on a range of 12vdc, 24vdc, 48vdc, 240v 1 phase and 415v 3 phase motors from 0.37kw to 5.5kw.

Supplied fully assembled and tested, these units offer pressures up to 210 bar and flows up to 17lpm.

All components in stock ready to assemble for immediate delivery.

A wide range of Compact Industrial hydraulic power packs where space is at a premium.

**Applications**

Automation:
opening/closing of swing doors
Barrier controls
Car lifters
Demountables
Equipments for disabled needs
Lift trucks
Lifting platforms
Machine tools
Medical equipments

All UP100 assembled powerunits come complete as standard with the following components.

- Electric motor DC/AC
- Bucher gear pump.
- Bucher central housing.
- Main relief valve
- Check valve
- Drive coupling
- Motor flange
- Suction Filter 216 micron
- Return filter conveyor 150 micron





**APPLICATIONS:**

- Mobile stationary equipment
- Safety Locking systems
- Scissor lifts
- Snowploughs
- Tippers
- Truck cranes
- Truck tailgate lifts
- Tyre removal machines
- Wood working machines

**BENEFITS:**

- Compact and modular construction, limited number of components, quick and easy assembly
- Maximum flexibility – numerous different circuits can be built from just the few basic versions
- Valve cavities conform to international standards
- Optimisation of motor-pump unit has produced increased efficiency and low operating noise level








## TO GENERATE YOUR FULL ORDER NUMBER SELECT THE COSTING CODE OR EACH COMPONENT





**EXAMPLE**

**STEP 1**
SELECT MOTOR
EG: AC1
£343.15

www.flowfitonline.com
TECH. DATA SHEET
**PU1**

| COSTING CODE 12VDC UNIT | FLOW L/MIN | MAX P BAR | MOTOR SIZE KW | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | £ STERLING | £ STERLING | € EUROS |
| 12V12 | 3.7 | 200 | 1.7 | 12VDC | £520.28 | € 702.38 |
| 12V17 | 4.9 | 175 | 1.7 | 12VDC | £520.28 | € 702.38 |
| 12V25 | 5 | 150 | 1.7 | 12VDC | £520.28 | € 702.38 |
| 12V35 | 9.5 | 100 | 1.7 | 12VDC | £520.28 | € 702.38 |
| 12V43 | 12 | 75 | 1.7 | 12VDC | £520.28 | € 702.38 |
| 12V5 | 13 | 75 | 1.7 | 12VDC | £520.28 | € 702.38 |
| 12V65 | 17 | 50 | 1.7 | 12VDC | £520.28 | € 702.38 |
| 12V8 | 25 | 22 | 1.7 | 12VDC | £520.28 | € 702.38 |

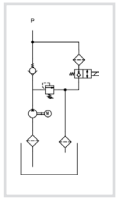
| COSTING CODE 24VDC UNIT | FLOW L/MIN | MAX P BAR | MOTOR SIZE KW | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | £ STERLING | £ STERLING | € EUROS |
| 24V12 | 3.5 | 200 | 2.2 | 24VDC | £535.29 | € 722.65 |
| 24V17 | 4.25 | 200 | 2.2 | 24VDC | £535.29 | € 722.65 |
| 24V25 | 6 | 200 | 2.2 | 24VDC | £535.29 | € 722.65 |
| 24V35 | 7.5 | 175 | 2.2 | 24VDC | £535.29 | € 722.65 |
| 24V43 | 8 | 150 | 2.2 | 24VDC | £535.29 | € 722.65 |
| 24V5 | 9 | 125 | 2.2 | 24VDC | £535.29 | € 722.65 |
| 24V65 | 12.5 | 100 | 2.2 | 24VDC | £535.29 | € 722.65 |
| 24V8 | 16 | 75 | 2.2 | 24VDC | £535.29 | € 722.65 |

| COSTING CODE AC UNIT | FLOW L/MIN | MAX P BAR | MOTOR SIZE KW | NETT. PRICE 240V/AC | | NETT. PRICE 415V/AC | |
|---|---|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS | £ STERLING | € EUROS |
| AC1 | 1.68 | 100 | 0.37 | £343.15 | € 463.26 | £362.36 | € 489.19 |
| AC2 | 1.68 | 160 | 0.55 | £373.49 | € 504.20 | £377.54 | € 509.66 |
| AC3 | 1.68 | 210 | 0.75 | £383.91 | € 518.27 | £385.12 | € 519.91 |
| AC4 | 2.38 | 75 | 0.37 | £343.15 | € 463.26 | £362.36 | € 489.19 |
| AC5 | 2.38 | 110 | 0.55 | £373.49 | € 504.20 | £377.54 | € 509.66 |
| AC6 | 2.38 | 155 | 0.75 | £383.91 | € 518.27 | £385.12 | € 519.91 |
| AC7 | 2.38 | 210 | 1.1 | £419.93 | € 566.89 | £417.69 | € 563.88 |
| AC8 | 3.5 | 100 | 0.75 | £383.91 | € 518.27 | £385.12 | € 519.91 |
| AC9 | 3.5 | 150 | 1.1 | £419.93 | € 566.89 | £417.69 | € 563.88 |
| AC10 | 3.5 | 210 | 1.5 | £455.94 | € 615.52 | £501.22 | € 676.64 |
| AC11 | 4.9 | 75 | 0.75 | £588.37 | € 794.31 | £377.54 | € 509.66 |
| AC12 | 4.9 | 110 | 1.1 | £418.96 | € 565.61 | £417.69 | € 563.88 |
| AC13 | 4.9 | 150 | 1.5 | £455.94 | € 615.52 | £504.34 | € 680.85 |
| AC14 | 4.9 | 210 | 2.2 | £522.30 | € 705.10 | £468.67 | € 632.71 |
| AC15 | 6 | 90 | 1.1 | £418.96 | € 565.61 | £417.69 | € 563.88 |
| AC16 | 6 | 120 | 1.5 | £455.94 | € 615.52 | £504.34 | € 680.85 |
| AC17 | 6 | 180 | 2.2 | £522.30 | € 705.10 | £468.67 | € 632.71 |
| AC18 | 6 | 210 | 3 | £567.80 | € 766.52 | £504.34 | € 680.85 |
| AC19 | 7 | 75 | 1.1 | £418.96 | € 565.61 | £417.69 | € 563.88 |
| AC20 | 7 | 100 | 1.5 | £455.94 | € 615.52 | £504.34 | € 680.85 |
| AC21 | 7 | 150 | 2.2 | £522.44 | € 705.28 | £468.67 | € 632.71 |
| AC22 | 7 | 210 | 3 | £601.86 | € 812.51 | £504.34 | € 680.85 |
| AC23 | 9 | 80 | 1.5 | £455.94 | € 615.52 | £504.34 | € 680.85 |
| AC24 | 9 | 120 | 2.2 | £522.44 | € 705.28 | £468.67 | € 632.71 |
| AC25 | 9 | 165 | 3 | £567.78 | € 766.51 | £504.34 | € 680.85 |
| AC26 | 9 | 190 | 4 | N/A | N/A | £550.04 | € 742.56 |
| AC27 | 11 | 65 | 1.5 | £455.94 | € 615.52 | £504.34 | € 680.85 |
| AC28 | 11 | 100 | 2.2 | £522.30 | € 705.10 | £468.67 | € 632.71 |
| AC29 | 11 | 130 | 3 | £567.12 | € 765.60 | £504.34 | € 680.85 |
| AC30 | 11 | 180 | 4 | N/A | N/A | £550.04 | € 742.56 |
| AC31 | 14 | 75 | 2.2 | £522.30 | € 705.10 | £468.67 | € 632.71 |
| AC32 | 14 | 100 | 3 | £567.80 | € 766.52 | £504.34 | € 680.85 |
| AC33 | 14 | 145 | 4 | N/A | N/A | £550.04 | € 742.56 |



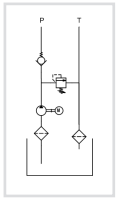
**STEP 2**
**SELECT VOLTAGE**
**EG:3PH**
**£0.00**

| COSTING CODE | MOTOR VOLTAGE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 3PH | Three phase 415v | £0.00 | € 0.00 |
| 1PH | Single phase 240v | £0.00 | € 0.00 |
| 1PH110V | Single phase 110v | POA | POA |
| 3PH110V | Three phase 110v | POA | POA |
| PD | Pulley driven c/w 100mm pullley | £165.99 | € 224.08 |
| XXX | Not required | £0.00 | € 0.00 |



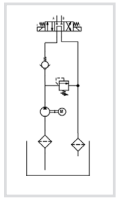
K1 - Typical Circuit

AC AND DC SINGLE ACTING SOLENOID OPERATED HYDRAULIC CIRCUIT.



K3 - Typical Circuit

PRESSURE AND TANK RETURN HYDRAULIC CIRCUIT.



K4 - Typical Circuit

SOLENOID HYDRAULIC CIRCUIT.

**STEP 3**
**SELECT CIRCUIT**
**EG:K3**
**£0.00**

| COSTING CODE | CIRCUITS AVAILABLE | | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| K1 | Single acting circuit | K1 Circuit | £0.00 | € 0.00 |
| K3 | Double acting circuit. | K3 Circuit | £0.00 | € 0.00 |
| K3 | P and T ports only circuit. | K3 Circuit | £0.00 | € 0.00 |
| K3 | Cetop valve circuits | K3 Circuit | £0.00 | € 0.00 |
| K4 | Lever valve circuits. | K4 Circuit | £0.00 | € 0.00 |



**STEP 4**
**SELECT MANIFOLD**
**EG: 32**
**£92.22**

| COSTING CODE | MANIFOLDS AVAILABLE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 31 | 1 station cetop 3 manifold | £46.65 | € 62.96 |
| 32 | 2 station cetop 3 manifold | £92.22 | € 124.49 |
| 33 | 3 station cetop 3 manifold | £139.96 | € 188.95 |
| XXX | Not required | £0.00 | € 0.00 |



If using 10 litre reservoir or larger complete with 1-3 station cetop 3 manifold then you need the above manifold. If using 8 litre or smaller reservoir this manifold above is not needed.

**STEP 5**
**SELECT MANIFOLD**
**EG: 42**
**£78.11**

| COSTING CODE | MANIFOLD NEEDED | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 42 | 4210 | £78.11 | € 105.45 |
| XXX | Not required | £0.00 | € 0.00 |

**USE TECH. DATA SHEET PU1 FOR PRODUCTS ON THIS PAGE**




**STEP 6**
**SELECT SOLENOID VALVES**
**EG: NG6D + NG6D**
**£49.23+£49.23**

**USE TECH. DATA SHEET PU1 FOR PRODUCTS ON THIS PAGE**

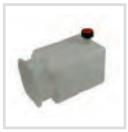
| COSTING CODE | SOLENOID VALVES | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| NG6D | FLOWFIT NG6 D/ACTING VALVE AC/DC ANY SPOOL | £49.23 | € 66.45 |
| NG6S | FLOWFIT NG6 S/ACTING VALVE AC/DC ANY SPOOL | £36.60 | € 49.42 |
| NOV | FLOWFIT NORMALLY OPEN SINGLE ACTING AC/DC | £36.60 | € 49.42 |
| NCV | FLOWFIT NORMALLY CLOSED SINGLE ACTING AC/DC | £49.23 | € 66.45 |
| XX | Not required | £0.00 | € 0.00 |




**STEP 7**
**SELECT MANUAL VALVES**
**EG: XXX**
**£0.00**

| COSTING CODE | MANUAL VALVES | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| HD105 | 1 bank single acting lever valve 3 pos spring return. | £132.36 | € 178.69 |
| HD106 | 1 bank double acting lever valve 3 pos spring return | £179.00 | € 241.65 |
| HDS11/2 | 2 bank double acting lever valve 3 pos spring return | £173.20 | € 233.81 |
| HDS11/3 | 3 bank double acting lever valve 3 pos spring return | £233.55 | € 315.28 |
| HDS11/4 | 4 bank double acting lever valve 3 pos spring return | £296.11 | € 399.75 |
| HDS11/5 | 5 bank double acting lever valve 3 pos spring return | £355.34 | € 479.70 |
| HDS11/6 | 6 bank double acting lever valve 3 pos spring return | £415.69 | € 561.18 |
| XXX | Not required | £0.00 | € 0.00 |


1.5 litre plastic horizontal


2.5 litre plastic horizontal


6 litre plastic horizontal


6 litre steel horizontal


8 litre steel horizontal


8 litre steel vertical


10 litre steel Horizontal


15 litre steel vertical


18 litre steel horizontal


FFT Tank

**STEP 7**
**SELECT MANUAL VALVES**
**EG: XXX**
**£0.00**

| COSTING CODE | RESERVOIRS | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 1.5PH | 1.5litre plastic horizontal. | £32.72 | € 44.18 |
| 2.5PH | 2.5litre plastic horizontal. | £34.72 | € 46.87 |
| 3.5PH | 3.5litre plastic horizontal. | £37.96 | € 51.26 |
| 6PH | 6 litre plastic horizontal. | £40.14 | € 54.19 |
| 5H | 5 litre steel horizontal. | £60.75 | € 82.02 |
| 5V | 5 litre steel vertical. | £60.75 | € 82.02 |
| 8H | 8 litre steel horizontal. | £64.01 | € 86.42 |
| 8V | 8 litre steel vertical. | £64.01 | € 86.42 |
| 10H | 10 litre steel horizontal. | £100.89 | € 136.20 |
| 12V | 12 litre steel vertical. | £121.50 | € 164.02 |
| 15V | 15 litre steel vertical. | £145.37 | € 196.25 |
| 18H | 18 litre steel horizontal | £147.55 | € 199.18 |
| 20V | 20 litre steel vertical | £134.52 | € 181.61 |
| 30V | 30 litre steel vertical. | £173.58 | € 234.34 |
| 55V | 55 litre steel vertical | £222.39 | € 300.23 |
| 75V | 72 litre steel vertical. | £251.69 | € 339.78 |
| 100V | 98 litre steel vertical | £297.26 | € 401.30 |
| 180V | 160 litre steel vertical. | £388.40 | € 524.33 |
| xxx | No tank required,neck and flange | £9.77 | € 13.20 |







8 litre steel horizontal



Plastic Cover

**STEP 9**
**SELECT EXTRAS**
**EG: PG1**
**£21.17**

www.flowfitonline.com
TECH. DATA SHEET
**PU1**

| COSTING CODE | ADD ON EXTRAS | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PG1 | PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG2 | PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG3 | PRESSURE GAUGE 0-3000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG4 | PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| SMB | Steel mounting bracket for fitting to central housing. | £10.30 | € 13.92 |
| DCM | Plastic motor cover for DC motors. | £21.17 | € 28.58 |
| XXX | Not required | £0.00 | € 0.00 |
| PLUG | 13 Amp plug c/w 2 metre cable | £30.42 | € 41.07 |

| COSTING CODE | ADD ON EXTRAS | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| EHP | Emergency handpump 1.5cc/rev fitted to housing K1 + K4 | £42.31 | € 57.12 |
| EHP1 | Emergency handpump 1.5cc/rev fitted to housing K3 | £80.28 | € 108.37 |
| XXX | Not required | £0.00 | € 0.00 |

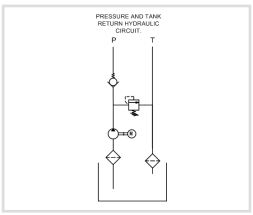
**ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED. ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE**

| COSTING CODE | AC RANGE AIR BLOWN OIL COOLER | PRICE |
|---|---|---|
| COOLER | AC range air blown oil cooler | Dependent on application |

**FULL ORDER NUMBER FOR EXAMPLE SHOWN**
**AC1-3PH-K3-32**
**NG6D-NG6D-XXX-8H-PG1**

# UP100 READY BUILT IN STOCK

## P+T CIRCUIT




Ideal if all you need is flow/ pressure with tank return

www.flowfitonline.com
TECH. DATA SHEET
**PU1**




| 12VDC | | P + T PORTS ONLY | | | | | |
|---|---|---|---|---|---|---|---|
| PT NO | KW | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | £ STERLING | € EUROS |
| ZZ001469 | 1.7 | 3.7 | 200 | 5 litre horizontal | 12VDC | £515.26 | € 695.60 |
| ZZ001470 | 1.7 | 3.7 | 200 | 8 litre horizontal | 12VDC | £522.42 | € 705.26 |
| ZZ001471 | 1.7 | 4.9 | 175 | 8 litre horizontal | 12VDC | £522.42 | € 705.26 |
| ZZ001472 | 1.7 | 4.9 | 175 | 10 litre horizontal | 12VDC | £551.76 | € 744.88 |
| ZZ001473 | 1.7 | 9.5 | 100 | 15 litre vertical | 12VDC | £599.70 | € 809.60 |
| ZZ001474 | 1.7 | 9.5 | 100 | 18 litre horizontal | 12VDC | £604.71 | € 816.36 |

FLOWFIT®



| 24VDC | | P + T PORTS ONLY | | | | www.flowfitonline.com TECH. DATA SHEET PU1 | |
|---|---|---|---|---|---|---|---|
| PT NO | KW | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | £ STERLING | € EUROS |
| ZZ001475 | 2.2 | 3.5 | 200 | 5 litre horizontal | 24VDC | £515.27 | € 695.61 |
| ZZ001476 | 2.2 | 3.5 | 200 | 8 litre horizontal | 24VDC | £522.42 | € 705.27 |
| ZZ001477 | 2.2 | 4.25 | 200 | 8 litre horizontal | 24VDC | £522.42 | € 705.27 |
| ZZ001478 | 2.2 | 4.25 | 200 | 10 litre horizontal | 24VDC | £552.09 | € 745.32 |
| ZZ001479 | 2.2 | 7.5 | 175 | 15 litre vertical | 24VDC | £599.70 | € 809.60 |
| ZZ001480 | 2.2 | 7.5 | 175 | 18 litre horizontal | 24VDC | £604.70 | € 816.35 |

FLOWFIT®



| 110VAC | | 50HZ 1 PHASE P + T PORTS ONLY | | | | | www.flowfitonline.com TECH. DATA SHEET PU1 | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/ MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001481 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 110VAC | £510.26 | € 688.85 |
| ZZ001482 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 110VAC | £561.77 | € 758.40 |
| ZZ001483 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 110VAC | £571.80 | € 771.93 |
| ZZ001484 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 110VAC | £722.08 | € 974.80 |
| ZZ001485 | 3 | 4 | 6 | 210 | 10 litre horizontal | 110VAC | £825.84 | € 1,114.89 |

FLOWFIT®



| 240VAC | | 50HZ 1 PHASE P + T PORTS ONLY | | | | | www.flowfitonline.com TECH. DATA SHEET PU1 | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/ MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001486 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 240VAC | £468.03 | € 631.83 |
| ZZ001487 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 240VAC | £509.54 | € 687.88 |
| ZZ001488 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 240VAC | £560.35 | € 756.46 |
| ZZ001489 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 240VAC | £678.42 | € 915.87 |
| ZZ001490 | 3 | 4 | 6 | 210 | 10 litre horizontal | 240VAC | £728.51 | € 983.49 |

FLOWFIT®



| 415VAC | | 50HZ 3 PHASE P + T PORTS ONLY | | | | | www.flowfitonline.com TECH. DATA SHEET PU1 | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/ MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001491 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 415VAC | £394.32 | € 532.32 |
| ZZ001492 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 415VAC | £415.78 | € 561.31 |
| ZZ001493 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 415VAC | £447.27 | € 603.82 |
| ZZ001494 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 415VAC | £475.18 | € 641.50 |
| ZZ001495 | 3 | 4 | 6 | 210 | 10 litre horizontal | 415VAC | £568.93 | € 768.05 |
| ZZ001496 | 4 | 5.3 | 9.7 | 210 | 15 litre horizontal | 415VAC | £666.98 | € 900.42 |

FLOWFIT®



| PETROL | Loncin | P + T PORTS ONLY | | | | | | | www.flowfitonline.com TECH. DATA SHEET PU2 | |
|---|---|---|---|---|---|---|---|---|---|---|
| PT NO | ENGINE TYPE | KW 3600 RPM | HP 3600 RPM | FLOW RATE + MAX PSI | ENGINE START | PUMP TYPE | OIL ALERT YES/NO | DIMENSION L X W X H (MM) | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| ZZ001624 | Loncin | 4.8 | 6.5 | 11.5 L/MIN @ 2900 PSI/200 BAR | Pull | Gear | yes | 1015 x 385 x 600 | £1,216.59 | € 1,642.40 |
| ZZ001625 | Loncin | 6.7 | 9 | 15.8 L/MIN @ 2900 PSI/200 BAR | Pull | Gear | yes | 1015 x 385 x 600 | £1,345.40 | € 1,816.29 |
| ZZ001626 | Loncin | 9.6 | 13 | 24 L/MIN @ 2900 PSI/200 BAR | Pull | Gear | yes | 1015 x 385 x 600 | £1,395.49 | € 1,883.91 |



## DIESEL

P + T PORTS ONLY

www.flowfitonline.com TECH. DATA SHEET PU3

| PT NO | ENGINE TYPE | KW 3000 RPM | HP 3000 RPM | FLOW RATE + MAX PSI | ENGINE START | PUMP TYPE | OIL ALERT YES/NO | DIMENSION L X W XH (MM) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ZZ001422 | Hatz | 7.4 | 10 | 18 L/MIN @ 2900 PSI/200 BAR | Electric start Manual stop | Gear | yes | 1015 x 385 x 600 | £3,148.79 | € 4,250.87 |
| ZZ001627 | Hatz | 14.7 | 19.7 | 36 L/MIN @ 2900 PSI/200 BAR | Electric start Manual stop | Gear | yes | 1015 X 385 X 600 | £5,725.08 | € 7,728.86 |



## BELT DRIVEN

P + T PORTS ONLY

www.flowfitonline.com TECH. DATA SHEET PU4

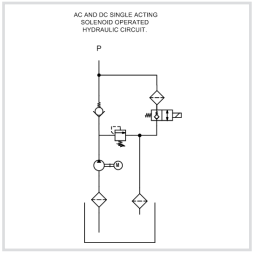
| PT NO | PUMP FLOW AT 1000 L/MIN | PUMP FLOW AT 3600RPM | MAX P BAR | RESERVOIR SIZE LITRE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ001621 | 1.2 | 4.3 | 210 | 8 Horizontal | £428.67 | € 578.71 |
| ZZ001622 | 2.5 | 9 | 210 | 15 Horizontal | £505.96 | € 683.05 |
| ZZ001623 | 3.5 | 12.6 | 210 | 18 Horizontal | £520.28 | € 702.38 |

# READY BUILT IN STOCK SINGLE ACTING POWERUNIT

**TO OPERATE A SINGLE ACTING CYLINDER ON ANY TRAILER OR TIPPER APPLICATIONS COMPLETE WITH TWO BUTTON PENDENT**

## 12VDC





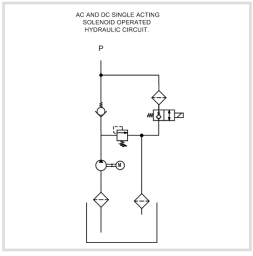

www.flowfitonline.com TECH. DATA SHEET PU5

- 12vdc powerunit.
- 2.1cc/rev gear pump.
- 1.6kw 12vdc electric motor c/w relay and plastic motor cover.
- 4.3 litre reservoir c/w drain plug.
- Reservoir c/w suction strainer, return oil conveyor and filler breather
- Horizontal mounting Max pressure 220 bar.
- Max flow 4 l/min at 220 bar.
- Main relief valve adjustable from 50 - 220 bar.
- 12vdc let down valve, relief and P line check.
- Suitable for all single acting applications.
- 2 Button pendent on a 4 metre lead.

| PT NO | FLOW L/MIN | MAX P BAR | MOTOR SIZE KW | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ001974 | 4 | 220 | 1.6 | 12VDC | £295.11 | € 398.40 |

## 24VDC






www.flowfitonline.com TECH. DATA SHEET PU5

- 24vdc powerunit.
- 2.1cc/rev gear pump.
- 2kw 24vdc electric motor c/w relay and plastic motor cover.
- 4.3 litre reservoir c/w drain plug.
- Reservoir c/w suction strainer, return oil conveyor and filler breather
- Horizontal mounting Max pressure 220 bar.
- Max flow 4 l/min at 220 bar.
- Main relief valve adjustable from 50 - 220 bar.
- 24vdc let down valve, relief and P line check.
- Suitable for all single acting applications.
- 2 Button pendent on a 4 metre lead.

| PT NO | FLOW L/MIN | MAX P BAR | MOTOR SIZE KW | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ001648 | 4 | 220 | 2 | 24VDC | £322.38 | € 435.22 |



| 12VDC | | SINGLE ACTING SOLENOID OPERATED | | | | | |
|---|---|---|---|---|---|---|---|
| PT NO | KW | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | £ STERLING | € EUROS |
| ZZ001497 | 1.7 | 3.7 | 200 | 5 litre horizontal | 12VDC | £597.03 | € 805.99 |
| ZZ001498 | 1.7 | 3.7 | 200 | 8 litre horizontal | 12VDC | £571.78 | € 771.91 |
| ZZ001499 | 1.7 | 4.9 | 175 | 8 litre horizontal | 12VDC | £573.22 | € 773.85 |
| ZZ001500 | 1.7 | 4.9 | 175 | 10 litre horizontal | 12VDC | £606.86 | € 819.27 |
| ZZ001501 | 1.7 | 9.5 | 100 | 15 litre vertical | 12VDC | £649.08 | € 876.26 |
| ZZ001502 | 1.7 | 9.5 | 100 | 18 litre horizontal | 12VDC | £663.39 | € 895.58 |



| 12VDC | | SINGLE ACTING SOLENOID OPERATED | | | | | |
|---|---|---|---|---|---|---|---|
| PT NO | KW | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | £ STERLING | € EUROS |
| ZZ001503 | 1.7 | 3.7 | 200 | 5 litre horizontal | 12VDC | £649.79 | € 877.22 |
| ZZ001504 | 1.7 | 3.7 | 200 | 8 litre horizontal | 12VDC | £656.95 | € 886.89 |
| ZZ001505 | 1.7 | 4.9 | 175 | 8 litre horizontal | 12VDC | £658.39 | € 888.83 |
| ZZ001506 | 1.7 | 4.9 | 175 | 10 litre horizontal | 12VDC | £692.02 | € 934.23 |
| ZZ001507 | 1.7 | 9.5 | 100 | 15 litre vertical | 12VDC | £734.96 | € 992.20 |
| ZZ001508 | 1.7 | 9.5 | 100 | 18 litre horizontal | 12VDC | £749.27 | € 1,011.52 |



| 24VDC | | SINGLE ACTING SOLENOID OPERATED | | | | | |
|---|---|---|---|---|---|---|---|
| PT NO | KW | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | £ STERLING | € EUROS |
| ZZ001509 | 2.2 | 3.5 | 200 | 5 litre horizontal | 24VDC | £566.07 | € 764.20 |
| ZZ001510 | 2.2 | 3.5 | 200 | 8 litre horizontal | 24VDC | £573.93 | € 774.81 |
| ZZ001511 | 2.2 | 4.25 | 200 | 8 litre horizontal | 24VDC | £575.37 | € 776.75 |
| ZZ001512 | 2.2 | 4.25 | 200 | 10 litre horizontal | 24VDC | £608.29 | € 821.19 |
| ZZ001513 | 2.2 | 7.5 | 175 | 15 litre vertical | 24VDC | £654.09 | € 883.02 |
| ZZ001514 | 2.2 | 7.5 | 175 | 18 litre horizontal | 24VDC | £668.41 | € 902.36 |



| 24VDC | | 24VDC SINGLE ACTING MANUAL LEVER OPERATED | | | | | |
|---|---|---|---|---|---|---|---|
| PT NO | KW | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | £ STERLING | € EUROS |
| ZZ001515 | 2.2 | 3.5 | 200 | 5 litre horizontal | 24VDC | £651.26 | € 879.21 |
| ZZ001516 | 2.2 | 3.5 | 200 | 8 litre horizontal | 24VDC | £658.39 | € 888.83 |
| ZZ001517 | 2.2 | 4.25 | 200 | 8 litre horizontal | 24VDC | £658.39 | € 888.83 |
| ZZ001518 | 2.2 | 4.25 | 200 | 10 litre horizontal | 24VDC | £692.73 | € 935.19 |
| ZZ001519 | 2.2 | 7.5 | 175 | 15 litre vertical | 24VDC | £734.96 | € 992.20 |
| ZZ001514 | 2.2 | 7.5 | 175 | 18 litre horizontal | 24VDC | £749.27 | € 1,011.52 |



| 110VAC | | 50HZ 1 PHASE SINGLE ACTING SOLENOID OPERATED | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001524 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 110VAC | £549.61 | € 741.98 |
| ZZ001525 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 110VAC | £636.92 | € 859.84 |
| ZZ001526 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 110VAC | £662.68 | € 894.62 |
| ZZ001527 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 110VAC | £742.83 | € 1,002.82 |
| ZZ001528 | 3 | 4 | 6 | 210 | 10 litre horizontal | 110VAC | £831.57 | € 1,122.62 |

**USE TECH. DATA SHEET PU1 FOR PRODUCTS ON THIS PAGE**



| 110VAC | | 50HZ 1 PHASE SINGLE ACTING MANUAL LEVER OPERATED | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001529 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 110VAC | £613.30 | € 827.95 |
| ZZ001530 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 110VAC | £664.10 | € 896.54 |
| ZZ001531 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 110VAC | £719.22 | € 970.94 |
| ZZ001532 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 110VAC | £820.12 | € 1,107.16 |
| ZZ001533 | 3 | 4 | 6 | 210 | 10 litre horizontal | 110VAC | £885.96 | € 1,196.05 |



| 240VAC | | 50HZ 1 PHASE SINGLE ACTING SOLENOID OPERATED | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001534 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 240VAC | £507.38 | € 684.97 |
| ZZ001535 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 240VAC | £548.18 | € 740.04 |
| ZZ001536 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 240VAC | £662.68 | € 894.62 |
| ZZ001537 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 240VAC | £720.48 | € 972.65 |
| ZZ001538 | 3 | 4 | 6 | 210 | 10 litre horizontal | 240VAC | £733.53 | € 990.26 |



| 240VAC | | 50HZ 1 PHASE SINGLE ACTING MANUAL LEVER OPERATED | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001539 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 240VAC | £571.08 | € 770.96 |
| ZZ001540 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 240VAC | £612.59 | € 826.99 |
| ZZ001541 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 240VAC | £655.52 | € 884.95 |
| ZZ001542 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 240VAC | £775.04 | € 1,046.30 |
| ZZ001543 | 3 | 4 | 6 | 210 | 10 litre horizontal | 240VAC | £788.63 | € 1,064.64 |



| 415VAC | | 50HZ 3 PHASE SINGLE ACTING SOLENOID OPERATED | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001544 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 415VAC | £450.13 | € 607.68 |
| ZZ001545 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 415VAC | £467.32 | € 630.88 |
| ZZ001546 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 415VAC | £498.80 | € 673.38 |
| ZZ001547 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 415VAC | £525.99 | € 710.09 |
| ZZ001548 | 3 | 4 | 6 | 210 | 10 litre horizontal | 415VAC | £574.66 | € 775.79 |
| ZZ002674 | 1.1 | 1.5 | 6.48 | 210 | 12 litre vertical | 415 VAC | £571.08 | € 770.96 |
| ZZ001549 | 4 | 5.3 | 9.7 | 210 | 15 litre vertical | 415VAC | £543.89 | € 734.25 |



| 415VAC | | 50HZ 3 PHASE SINGLE ACTING MANUAL LEVER OPERATED | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001550 | 0.75 | 1 | 1.68 | 210 | 5 Horizontal | 415VAC | £502.38 | € 678.22 |
| ZZ001551 | 1.1 | 1.5 | 2.38 | 210 | 5 Horizontal | 415VAC | £518.84 | € 700.43 |
| ZZ001552 | 1.5 | 2 | 3.5 | 210 | 8 Horizontal | 415VAC | £542.45 | € 732.30 |
| ZZ001553 | 2.2 | 3 | 4.9 | 210 | 8 Horizontal | 415VAC | £571.08 | € 770.96 |
| ZZ001554 | 3 | 4 | 6 | 210 | 10 Horizontal | 415VAC | £629.77 | € 850.19 |
| ZZ001555 | 4 | 5.3 | 9.7 | 210 | 15 Vertical | 415VAC | £686.30 | € 926.50 |

**USE TECH. DATA SHEET PU1 FOR PRODUCTS ON THIS PAGE**

FLOWFIT®



## PETROL — SINGLE ACTING POWERUNIT

www.flowfitonline.com TECH. DATA SHEET **PU2**

| PT NO | ENGINE TYPE | KW 3600 RPM | HP 3600 RPM | FLOW RATE + MAX PSI | ENGINE START | PUMP TYPE | OIL ALERT YES/NO | DIMENSION L X W X H (MM) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ZZ001362 | Loncin | 4.8 | 6.5 | 11.5 L/MIN @ 2900 PSI/200 BAR | Pull | Gear | yes | 1015 x 385 x 600 | £1,277.41 | € 1,724.51 |
| ZZ001363 | Loncin | 6.7 | 9 | 15.8 L/MIN @ 2900 PSI/200 BAR | Pull | Gear | yes | 1015 x 385 x 600 | £1,158.65 | € 1,564.17 |
| ZZ001364 | Loncin | 9.6 | 13 | 24 L/MIN @ 2900 PSI/200 BAR | Pull | Gear | yes | 1015 x 385 x 600 | £1,263.72 | € 1,706.02 |

FLOWFIT®



## DIESEL — SINGLE ACTING POWERUNIT

www.flowfitonline.com TECH. DATA SHEET **PU6**

| PT NO | ENGINE TYPE | KW 3000 RPM | HP 3000 RPM | FLOW RATE + MAX PSI | ENGINE START | PUMP TYPE | OIL ALERT YES/NO | DIMENSION L X W XH (MM) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ZZ001422 | Hatz | 7.4 | 10 | 18 L/MIN @ 2900 PSI/200 BAR | Electric start Manual stop | Gear | yes | 1015 x 385 x 600 | £3,148.79 | € 4,250.87 |
| ZZ001628 | Hatz | 14.7 | 19.7 | 36 L/MIN @ 2900 PSI/200 BAR | Electric start Manual stop | Gear | yes | 1015 X 385 X 600 | £5,725.08 | € 7,728.86 |

FLOWFIT®



## BELT DRIVEN — SINGLE ACTING POWERUNIT SOLENOID RELEASE

www.flowfitonline.com TECH. DATA SHEET **PU7**

| PT NO | PUMP FLOW AT 1000 L/MIN | PUMP FLOW AT 3600RPM | MAX P BAR | RESERVOIR SIZE LITRE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ001630 | 1.2 | 4.3 | 210 | 8 Horizontal | £526.71 | € 711.06 |
| ZZ001631 | 2.5 | 9 | 210 | 15 Vertical | £604.00 | € 815.40 |
| ZZ001632 | 3.5 | 12.6 | 210 | 18 Horizontal | £619.74 | € 836.63 |

FLOWFIT®



## BELT DRIVEN — SINGLE ACTING POWERUNIT MANUAL LEVER RELEASE

www.flowfitonline.com TECH. DATA SHEET **PU7**

| PT NO | PUMP FLOW AT 1000 L/MIN | PUMP FLOW AT 3600RPM | MAX P BAR | RESERVOIR SIZE LITRE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ001634 | 1.2 | 4.3 | 210 | 8 Horizontal | £538.88 | € 727.49 |
| ZZ001635 | 2.5 | 9 | 210 | 15 Vertical | £614.01 | € 828.92 |
| ZZ001636 | 3.5 | 12.6 | 210 | 18 Horizontal | £621.17 | € 838.58 |

# UP100 READY BUILT IN STOCK DOUBLE ACTING CIRCUIT

**IDEAL FOR OPERATING A DOUBLE ACTING CIRCUIT, OR A HYDRAULIC MOTOR.**

FLOWFIT®



## 12VDC — DOUBLE ACTING SOLENOID OPERATED

www.flowfitonline.com TECH. DATA SHEET **PU1**

| PT NO | KW | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ001556 | 1.7 | 3.7 | 200 | 5 litre horizontal | 12VDC | £644.08 | € 869.51 |
| ZZ001557 | 1.7 | 3.7 | 200 | 8 litre horizontal | 12VDC | £719.22 | € 970.94 |
| ZZ001558 | 1.7 | 4.9 | 175 | 8 litre horizontal | 12VDC | £720.64 | € 972.87 |
| ZZ001559 | 1.7 | 4.9 | 175 | 10 litre horizontal | 12VDC | £752.85 | € 1,016.34 |
| ZZ001560 | 1.7 | 9.5 | 100 | 15 litre vertical | 12VDC | £795.07 | € 1,073.35 |
| ZZ001561 | 1.7 | 9.5 | 100 | 18 litre horizontal | 12VDC | £807.24 | € 1,089.77 |



| 12VDC | | DOUBLE ACTING MANUAL LEVER OPERATED | | | | | |
|---|---|---|---|---|---|---|---|
| PT NO | KW | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | £ STERLING | € EUROS |
| ZZ001562 | 1.7 | 3.7 | 200 | 5 litre horizontal | 12VDC | £649.80 | € 877.24 |
| ZZ001563 | 1.7 | 3.7 | 200 | 8 litre horizontal | 12VDC | £656.96 | € 886.90 |
| ZZ001564 | 1.7 | 4.9 | 175 | 8 litre horizontal | 12VDC | £658.39 | € 888.83 |
| ZZ001565 | 1.7 | 4.9 | 175 | 10 litre horizontal | 12VDC | £691.31 | € 933.27 |
| ZZ001566 | 1.7 | 9.5 | 100 | 15 litre vertical | 12VDC | £733.53 | € 990.26 |
| ZZ001567 | 1.7 | 9.5 | 100 | 18 litre horizontal | 12VDC | £750.70 | € 1,013.44 |



| 24VDC | | DOUBLE ACTING SOLENOID OPERATED | | | | | |
|---|---|---|---|---|---|---|---|
| PT NO | KW | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | £ STERLING | € EUROS |
| ZZ001568 | 2.2 | 3.5 | 200 | 5 litre horizontal | 24VDC | £656.96 | € 886.90 |
| ZZ001569 | 2.2 | 3.5 | 200 | 8 litre horizontal | 24VDC | £731.39 | € 987.37 |
| ZZ001570 | 2.2 | 4.25 | 200 | 8 litre horizontal | 24VDC | £747.12 | € 1,008.62 |
| ZZ001571 | 2.2 | 4.25 | 200 | 10 litre horizontal | 24VDC | £768.60 | € 1,037.61 |
| ZZ001572 | 2.2 | 7.5 | 175 | 15 litre vertical | 24VDC | £807.24 | € 1,089.77 |
| ZZ001573 | 2.2 | 7.5 | 175 | 18 litre horizontal | 24VDC | £827.99 | € 1,117.79 |



| 24VDC | | DOUBLE ACTING MANUAL LEVER OPERATED | | | | | |
|---|---|---|---|---|---|---|---|
| PT NO | KW | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | £ STERLING | € EUROS |
| ZZ001574 | 2.2 | 3.5 | 200 | 5 litre horizontal | 24VDC | £650.52 | € 878.20 |
| ZZ001575 | 2.2 | 3.5 | 200 | 8 litre horizontal | 24VDC | £654.10 | € 883.04 |
| ZZ001584 | 2.2 | 4.25 | 200 | 8 litre horizontal | 24VDC | £654.10 | € 883.04 |
| ZZ001585 | 2.2 | 4.25 | 200 | 10 litre horizontal | 24VDC | £690.60 | € 932.30 |
| ZZ001586 | 2.2 | 7.5 | 175 | 15 litre vertical | 24VDC | £734.96 | € 992.20 |
| ZZ001587 | 2.2 | 7.5 | 175 | 18 litre horizontal | 24VDC | £737.81 | € 996.05 |



| 110VAC | | 50HZ 1 PHASE DOUBLE ACTING SOLENOID OPERATED | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001588 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 110VAC | £597.55 | € 806.70 |
| ZZ001589 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 110VAC | £648.37 | € 875.30 |
| ZZ001590 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 110VAC | £806.41 | € 1,088.66 |
| ZZ001591 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 110VAC | £795.80 | € 1,074.32 |
| ZZ001592 | 3 | 4 | 6 | 210 | 10 litre horizontal | 110VAC | £911.01 | € 1,229.86 |



| 110VAC | | 50HZ 1 PHASE DOUBLE ACTING MANUAL LEVER OPERATED | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001593 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 110VAC | £616.16 | € 831.82 |
| ZZ001594 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 110VAC | £640.43 | € 864.57 |
| ZZ001595 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 110VAC | £727.80 | € 982.53 |
| ZZ001596 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 110VAC | £814.59 | € 1,099.70 |
| ZZ001597 | 3 | 4 | 6 | 210 | 10 litre horizontal | 110VAC | £941.06 | € 1,270.44 |



| 240VAC | | 240VAC 50HZ 1 PHASE DOUBLE ACTING SOLENOID OPERATED | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| ZZ001598 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 240VAC | £599.70 | € 809.60 |
| ZZ001599 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 240VAC | £665.55 | € 898.48 |
| ZZ001600 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 240VAC | £689.88 | € 931.34 |
| ZZ001601 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 240VAC | £809.38 | € 1,092.67 |
| ZZ001602 | 3 | 4 | 6 | 210 | 10 litre horizontal | 240VAC | £953.94 | € 1,287.82 |

**USE TECH. DATA SHEET PU1 FOR PRODUCTS ON THIS PAGE**

FLOWFIT®



| 240VAC | 50HZ 1 PHASE DOUBLE ACTING MANUAL LEVER OPERATED | www.flowfitonline.com TECH. DATA SHEET PU1 |
|---|---|---|

| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| ZZ001603 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 240VAC | £573.94 | € 774.82 |
| ZZ001604 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 240VAC | £639.79 | € 863.72 |
| ZZ001605 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 240VAC | £663.84 | € 896.18 |
| ZZ001606 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 240VAC | £782.91 | € 1,056.93 |
| ZZ001607 | 3 | 4 | 6 | 210 | 10 litre horizontal | 240VAC | £838.73 | € 1,132.28 |

FLOWFIT®



| 415VAC | 50HZ 3 PHASE DOUBLE ACTING SOLENOID OPERATED | www.flowfitonline.com TECH. DATA SHEET PU1 |
|---|---|---|

| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| ZZ001608 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 415VAC | £485.94 | € 656.00 |
| ZZ001609 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 415VAC | £503.09 | € 679.17 |
| ZZ001610 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 415VAC | £533.15 | € 719.76 |
| ZZ001611 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 415VAC | £560.35 | € 756.46 |
| ZZ001612 | 3 | 4 | 6 | 210 | 10 litre horizontal | 415VAC | £654.81 | € 884.00 |
| ZZ002674 | 1.1 | 1.5 | 6.48 | 210 | 12 litre horizontal | 415VAC | £571.08 | € 770.96 |
| ZZ001613 | 4 | 5.3 | 9.7 | 210 | 15 litre vertical | 415VAC | £754.28 | € 1,018.28 |

FLOWFIT®



| 415VAC | 50HZ 3 PHASE DOUBLE ACTING MANUAL LEVER OPERATED | www.flowfitonline.com TECH. DATA SHEET PU1 |
|---|---|---|

| PT NO | KW | HP | FLOW L/MIN | MAX P BAR | RESERVOIR SIZE LITRE | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| ZZ001614 | 0.75 | 1 | 1.68 | 210 | 5 litre horizontal | 415VAC | £504.53 | € 681.11 |
| ZZ001615 | 1.1 | 1.5 | 2.38 | 210 | 5 litre horizontal | 415VAC | £521.70 | € 704.31 |
| ZZ001616 | 1.5 | 2 | 3.5 | 210 | 8 litre horizontal | 415VAC | £527.44 | € 712.03 |
| ZZ001617 | 2.2 | 3 | 4.9 | 210 | 8 litre horizontal | 415VAC | £578.96 | € 781.59 |
| ZZ001618 | 3 | 4 | 6 | 210 | 10 litre horizontal | 415VAC | £682.00 | € 920.70 |
| ZZ001619 | 4 | 5.3 | 9.7 | 210 | 15 litre vertical | 415VAC | £807.42 | € 1,090.01 |

FLOWFIT®



| PETROL | Loncin | DOUBLE ACTING POWERUNIT | www.flowfitonline.com TECH. DATA SHEET PU2 |
|---|---|---|---|

| PT NO | ENGINE TYPE | KW 3600 RPM | HP 3600 RPM | FLOW RATE + MAX PSI | ENGINE START | PUMP TYPE | OIL ALERT YES/NO | DIMENSION L X W X H (MM) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ZZ001637 | Loncin | 4.8 | 6.5 | 11.5 L/MIN @ 2900 PSI/200 BAR | Pull | Gear | yes | 1015 x 385 x 600 | £1,216.59 | € 1,642.40 |
| ZZ001638 | Loncin | 6.7 | 9 | 15.8 L/MIN @ 2900 PSI/200 BAR | Pull | Gear | yes | 1015 x 385 x 600 | £1,345.40 | € 1,816.29 |
| ZZ001639 | Loncin | 9.6 | 13 | 24 L/MIN @ 2900 PSI/200 BAR | Pull | Gear | yes | 1015 x 385 x 600 | £1,395.49 | € 1,883.91 |

FLOWFIT®



| DIESEL | HATZ | DOUBLE ACTING POWERUNIT | www.flowfitonline.com TECH. DATA SHEET PU6 |
|---|---|---|---|

| PT NO | ENGINE TYPE | KW 3000 RPM | HP 3000 RPM | FLOW RATE + MAX PSI | ENGINE START | PUMP TYPE | OIL ALERT YES/NO | DIMENSION L X W XH (MM) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ZZ001422 | Hatz | 7.4 | 10 | 18 l/min @ 2900 psi/200 bar | Electric start Manual stop | Gear | yes | 1015 x 385 x 600 | £3,148.79 | € 4,250.87 |
| ZZ001640 | Hatz | 14.7 | 19.7 | 36 L/MIN @ 2900 PSI/200 BAR | Electric start Manual stop | Gear | yes | 1015 X 385 X 600 | £5,725.08 | € 7,728.86 |



www.flowfitonline.com TECH. DATA SHEET PU4

| BELT DRIVEN | DOUBLE ACTING POWERUNIT SOLENOID POWERUNIT | | | | | |
|---|---|---|---|---|---|---|
| PT NO | PUMP FLOW AT 1000 L/MIN | PUMP FLOW AT 3600RPM | MAX P BAR | RESERVOIR SIZE LITRE | NETT. PRICE | |
| | | | | | £ STERLING | € EUROS |
| ZZ001641 | 1.2 | 4.3 | 210 | 8 Horizontal | £510.97 | € 689.81 |
| ZZ001642 | 2.5 | 9 | 210 | 15 Horizontal | £585.39 | € 790.28 |
| ZZ001643 | 3.5 | 12.6 | 210 | 18 Horizontal | £595.40 | € 803.80 |



www.flowfitonline.com TECH. DATA SHEET PU4

| BELT DRIVEN | DOUBLE ACTING MANUAL LEVER RELEASE | | | | | |
|---|---|---|---|---|---|---|
| PT NO | PUMP FLOW AT 1000 L/MIN | PUMP FLOW AT 3600RPM | MAX P BAR | RESERVOIR SIZE LITRE | NETT. PRICE | |
| | | | | | £ STERLING | € EUROS |
| ZZ001644 | 1.2 | 4.3 | 210 | 8 Horizontal | £538.16 | € 726.52 |
| ZZ001645 | 2.5 | 9 | 210 | 15 horizontal | £604.70 | € 816.35 |
| ZZ001646 | 3.5 | 12.6 | 210 | 18 Horizontal | £623.73 | € 842.04 |

# HF500 250 BAR POWER PACKS




The HF500 series of standard power packs is based on a range of 3phase motors from 2.2kw to 18.5kw. Supplied fully assembled and tested, these units offer pressures up to 250 bar and flows up to 133lpm. All components in stock ready to assemble for immediate delivery.

**THE HF500 BASIC POWERUNIT STEP 1 CONSISTS OF:**

- ELECTRIC MOTOR 415V 50HZ 3PH 4PL
- GALTECH AP200 OR AP300 GEAR PUMP
- FLOWFIT BELL HOUSING AND DRIVE COUPLING
- IKRON TANK TOP RETURN LINE FILTER 10 MICRON C/W VISUAL INDICATOR
- IKRON FILLER BREATHER AND IKRON SUCTION STRAINER 125 MICRON

## TO GENERATE YOUR FULL ORDER NUMBER SELECT THE COSTING CODE OR EACH COMPONENT

**EXAMPLE**

**STEP 1**
SELECT MOTOR
EG: HF50053
£1,629.50

www.flowfitonline.com TECH. DATA SHEET PU8

| FLOW | MAX PRESS BAR | MOTOR KW SIZE | PART NUMBER | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| 15.8 | 175 | 5.5 | HF50010 | £1,121.77 | € 1,514.40 |
| 15.8 | 235 | 7.5 | HF50011 | £1,171.67 | € 1,581.76 |
| 21.6 | 50 | 2.2 | HF50012 | £902.86 | € 1,218.86 |
| 21.6 | 90 | 4 | HF50013 | £983.99 | € 1,328.38 |
| 21.6 | 125 | 5.5 | HF50014 | £1,121.77 | € 1,514.40 |
| 21.6 | 170 | 7.5 | HF50015 | £1,171.67 | € 1,581.76 |
| 21.6 | 250 | 11 | HF50016 | £1,415.76 | € 1,911.29 |
| 27.2 | 40 | 2.2 | HF50017 | £902.86 | € 1,218.86 |
| 27.2 | 55 | 3 | HF50018 | £934.08 | € 1,261.00 |
| 27.2 | 70 | 4 | HF50019 | £983.99 | € 1,328.38 |
| 27.2 | 100 | 5.5 | HF50020 | £1,121.77 | € 1,514.40 |
| 27.2 | 135 | 7.5 | HF50021 | £1,171.67 | € 1,581.76 |
| 27.2 | 200 | 11 | HF50022 | £1,415.76 | € 1,911.29 |
| 30.2 | 40 | 2.2 | HF50023 | £902.86 | € 1,218.86 |
| 30.2 | 50 | 3 | HF50024 | £934.08 | € 1,261.00 |
| 30.2 | 64 | 4 | HF50025 | £983.99 | € 1,328.38 |
| 30.2 | 95 | 5.5 | HF50026 | £1,145.18 | € 1,546.00 |
| 30.2 | 130 | 7.5 | HF50027 | £1,171.67 | € 1,581.76 |
| 30.2 | 190 | 11 | HF50028 | £1,439.18 | € 1,942.88 |
| 30.2 | 250 | 15 | HF50029 | £1,493.88 | € 2,016.73 |
| 37.5 | 40 | 3 | HF50030 | £934.08 | € 1,261.00 |
| 37.2 | 55 | 4 | HF50031 | £983.99 | € 1,328.38 |
| 37.2 | 80 | 5.5 | HF50032 | £1,121.77 | € 1,514.40 |

**STEP 1**
**CONTINUED**

| FLOW | MAX PRESS BAR | MOTOR KW SIZE | PART NUMBER | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| 37.2 | 105 | 7.5 | HF50033 | £1,171.67 | € 1,581.76 |
| 37.2 | 155 | 11 | HF50034 | £1,415.76 | € 1,911.29 |
| 37.2 | 210 | 15 | HF50035 | £1,493.88 | € 2,016.73 |
| 37.2 | 250 | 18.5 | HF50036 | £1,747.74 | € 2,359.45 |
| 44.6 | 45 | 4 | HF50037 | £1,493.88 | € 2,016.73 |
| 44.6 | 65 | 5.5 | HF50038 | £1,632.74 | € 2,204.20 |
| 44.6 | 85 | 7.5 | HF50039 | £1,683.73 | € 2,273.03 |
| 44.6 | 125 | 11 | HF50040 | £1,969.68 | € 2,659.07 |
| 53 | 40 | 4 | HF50041 | £1,493.88 | € 2,016.73 |
| 53 | 55 | 5.5 | HF50042 | £1,632.74 | € 2,204.20 |
| 53 | 75 | 7.5 | HF50043 | £1,683.73 | € 2,273.03 |
| 53 | 110 | 11 | HF50044 | £1,969.98 | € 2,659.48 |
| 53 | 150 | 15 | HF50045 | £2,052.59 | € 2,771.01 |
| 53 | 180 | 18.5 | HF50046 | £2,295.60 | € 3,099.06 |
| 64.8 | 40 | 5.5 | HF50047 | £1,632.74 | € 2,204.20 |
| 64.8 | 55 | 7.5 | HF50048 | £1,683.73 | € 2,273.03 |
| 64.8 | 80 | 11 | HF50049 | £1,970.15 | € 2,659.69 |
| 64.8 | 110 | 15 | HF50050 | £2,052.59 | € 2,771.01 |
| 64.8 | 140 | 18.5 | HF50051 | £2,295.60 | € 3,099.06 |
| 76.3 | 30 | 5.5 | HF50052 | £1,632.74 | € 2,204.20 |
| 76.3 | 45 | 7.5 | HF50053 | £1,629.50 | € 2,199.83 |
| 76.3 | 65 | 11 | HF50054 | £1,970.15 | € 2,659.69 |
| 76.3 | 100 | 15 | HF50055 | £2,052.59 | € 2,771.01 |
| 76.3 | 120 | 18.5 | HF50056 | £2,295.60 | € 3,099.06 |
| 90.7 | 40 | 7.5 | HF50057 | £1,629.50 | € 2,199.83 |
| 90.7 | 60 | 11 | HF50058 | £1,969.68 | € 2,659.07 |
| 90.7 | 80 | 15 | HF50059 | £2,052.59 | € 2,771.01 |
| 90.7 | 100 | 18.5 | HF50060 | £2,295.60 | € 3,099.06 |
| 108 | 35 | 7.5 | HF50061 | £1,629.50 | € 2,199.83 |
| 108 | 50 | 11 | HF50062 | £1,969.68 | € 2,659.07 |
| 108 | 70 | 15 | HF50063 | £2,052.59 | € 2,771.01 |
| 108 | 85 | 18.5 | HF50064 | £2,295.60 | € 3,099.06 |
| 133 | 40 | 11 | HF50065 | £1,969.68 | € 2,659.07 |
| 133 | 55 | 15 | HF50066 | £2,052.59 | € 2,771.01 |
| 133 | 70 | 18.5 | HF50067 | £2,295.60 | € 3,099.06 |





**STEP 2**
**SELECT TANK**
**EG:J**
**£530.11**

| HYDRAULIC TANKS | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 30 LITRES CAPACITY | A | HF30 | £148.73 | € 200.78 |
| 55 LITRES CAPACITY | B | HF55 | £198.23 | € 267.61 |
| 72 LITRES CAPACITY | C | HF75 | £227.49 | € 307.11 |
| 98 LITRES CAPACITY | D | HF100 | £274.83 | € 371.01 |
| 160 LITRES CAPACITY | E | HF180 | £368.36 | € 497.28 |
| 200 LITRES CAPACITY | F | HFSS200 | £507.58 | € 685.23 |
| 250 LITRES CAPACITY | G | HFSS250 | £690.28 | € 931.88 |
| 300 LITRES CAPACITY | H | HFSS300 | £824.33 | € 1,112.84 |
| 400 LITRES CAPACITY | J | HFSS400 | £530.11 | € 715.64 |
| 630 LITRES CAPACITY | K | HFSS630 | £1,626.16 | € 2,195.32 |
| 800 LITRES CAPACITY | L | HFSS800 | £1,816.60 | € 2,452.41 |

FITTED WITH FILTREC LEVEL INDICATOR.

**USE TECH. DATA SHEET PU8 FOR PRODUCTS ON THIS PAGE**



**STEP 3**
**SELECT MANIFOLD**
**EG: XXX**
**£0.00**

| CETOP 3 MANIFOLDS | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| CETOP 3 1STN M/FOLD | 31 | MD-03P-1-G | £23.37 | € 31.55 |
| CETOP 3 2STN M/FOLD | 32 | MD-03P-2-G | £42.84 | € 57.83 |
| CETOP 3 3STN M/FOLD | 33 | MD-03P-3-G | £62.96 | € 85.01 |
| CETOP 3 4STN M/FOLD | 34 | MD-03P-4-G | £85.68 | € 115.67 |
| CETOP 3 5STN M/FOLD | 35 | MD-03P-5-G | £109.06 | € 147.23 |
| CETOP 3 1STN M/FOLD C/W RV | 31R | MD-03P-1-G-M26 | £59.95 | € 80.94 |
| CETOP 3 2STN M/FOLD C/W RV | 32R | MD-03P-2-G-M26 | £75.62 | € 102.09 |
| CETOP 3 3STN M/FOLD C/W RV | 33R | MD-03P-3-G-M26 | £102.08 | € 137.81 |
| CETOP 3 4STN M/FOLD C/W RV | 34R | MD-03P-4-G-M26 | £129.14 | € 174.33 |
| CETOP 3 5STN M/FOLD C/W RV | 35R | MD-03P-5-G-M26 | £158.90 | € 214.52 |
| NO MANIFOLD NEEDED | XXX | | £0.00 | € 0.00 |
| 06 RV CARTRIDGE | | VC0800/120 | £21.06 | € 28.43 |



**STEP 4**
**SELECT CETOP 3 VALVES**
**EG: XXX**
**£0.00**

| CETOP 3 VALVES | COSTING CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| NG 6 D/ACTING VALVE | NG6D | £49.23 | € 66.45 |
| NG 6 S/ACTING VALVE | NG6S | £36.60 | € 49.42 |
| NO VALVES NEEDED | XXX | £0.00 | € 0.00 |



**STEP 5**
**SELECT CETOP 5 MANIFOLD**
**EG: 51**
**£42.84**

| CETOP 5 MANIFOLDS | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| CETOP 5 1STN M/FOLD | 51 | MD-05P-1-G | £42.84 | € 57.83 |
| CETOP 5 2STN M/FOLD | 52 | MD-05P-2-G | £85.68 | € 115.67 |
| CETOP 5 3STN M/FOLD | 53 | MD-05P-3-G | £132.42 | € 178.76 |
| CETOP 5 4STN M/FOLD | 54 | MD-05P-4-G | £177.21 | € 239.23 |
| CETOP 5 5STN M/FOLD | 55 | MD-05P-5-G | £221.99 | € 299.69 |
| CETOP 5 1STN M/FOLD C/W RV | 51R | MD-05P-1-G-M32 | £79.34 | € 107.10 |
| CETOP 5 2STN M/FOLD C/W RV | 52R | MD-05P-2-G-M32 | £106.79 | € 144.17 |
| CETOP 5 3STN M/FOLD C/W RV | 53R | MD-05P-3-G-M32 | £151.62 | € 204.69 |
| CETOP 5 4STN M/FOLD C/W RV | 54R | MD-05P-4-G-M32 | £197.46 | € 266.57 |
| CETOP 5 5STN M/FOLD C/W RV | 55R | MD-05P-5-G-M32 | £244.30 | € 329.80 |
| NO MANIFOLD NEEDED | XXX | | £0.00 | € 0.00 |
| 10 RV CARTRIDGE | | VC1200/400 | £39.24 | € 52.97 |



**STEP 6**
**SELECT CETOP 5 VALVES**
**EG: NG10D**
**£90.88**

| CETOP 5 VALVES | COSTING CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| NG 10 D/ACTING VALVE | NG10D | £90.88 | € 122.69 |
| NG 10 S/ACTING VALVE | ND10S | £59.32 | € 80.08 |
| NO VALVES NEEDED | XXX | £0.00 | € 0.00 |

**USE TECH. DATA SHEET PU8 FOR PRODUCTS ON THIS PAGE**



**STEP 7**
SELECT CETOP 7 MANIFOLD
EG: XXX
£0.00

| CETOP 7 MANIFOLDS | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| CETOP 7 1STN M/FOLD | 71 | 705161/1 | £653.30 | € 881.96 |
| CETOP 7 2STN M/FOLD | 72 | 705161/2 | £1,078.01 | € 1,455.32 |
| CETOP 7 3STN M/FOLD | 73 | 705161/3 | £1,598.86 | € 2,158.47 |
| NO MANIFOLD NEEDED | XXX | | £0.00 | € 0.00 |



**STEP 8**
SELECT CETOP 7
VALVE
EG: XXX
£0.00

| CETOP 7 VALVE<br>PART NO REF HF50065/67 | COSTING CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| NG 16 D/ACTING C/W NG6 PILOT VALVE | NG16D | £303.77 | € 410.10 |
| NG 16 S/ACTING C/W NG6 PILOT VALVE | ND16S | £274.48 | € 370.56 |
| NO VALVES NEEDED | XXX | £0.00 | € 0.00 |



**STEP 9**
SELECT DIRECTIONAL
CONTROL VALVE
EG: XXX
£0.00

| 45LTR DIRECTIONAL CONTROL VALVE<br>PART NO REF HF50010/40<br>HDM11P/HDM11S | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 3/8" 2 BANK D/ACTING S/RETURN VALVE | P2 | HDM11P/2 | £106.34 | € 143.55 |
| 3/8" 3 BANK D/ACTING S/RETURN VALVE | P3 | HDM11P/3 | £149.95 | € 202.44 |
| 3/8" 4 BANK D/ACTING S/RETURN VALVE | P4 | HDM11P/4 | £181.29 | € 244.75 |
| 3/8" 5 BANK D/ACTING S/RETURN VALVE | P5 | HDM11P/5 | £216.75 | € 292.60 |
| 3/8" 6 BANK D/ACTING S/RETURN VALVE | P6 | HDM11P/6 | £245.37 | € 331.24 |
| 1/2" 1 BANK D/ACTING S/RETURN VALVE | S1 | HDM11S/1 | £85.88 | € 115.94 |
| 1/2" 2 BANK D/ACTING S/RETURN VALVE | S2 | HDM11S/2 | £132.22 | € 178.50 |
| 1/2" 3 BANK D/ACTING S/RETURN VALVE | S3 | HDM11S/3 | £171.75 | € 231.87 |
| 1/2" 4 BANK D/ACTING S/RETURN VALVE | S4 | HDM11S/4 | £211.29 | € 285.24 |
| 1/2" 5 BANK D/ACTING S/RETURN VALVE | S5 | HDM11S/5 | £256.26 | € 345.96 |
| 1/2" 6 BANK D/ACTING S/RETURN VALVE | S6 | HDM11S/6 | £271.26 | € 366.21 |
| **70LTR DIRECTIONAL CONTROL VALVE** | | | | |
| **PART NO REF HF50041/51** | | | | |
| **HDM18** | | | | |
| 1/2" 1 BANK D/ACTING S/RETURN VALVE | 181 | HDM18/1 | £122.68 | € 165.62 |
| 1/2" 2 BANK D/ACTING S/RETURN VALVE | 182 | HDM18/2 | £190.83 | € 257.62 |
| 1/2" 3 BANK D/ACTING S/RETURN VALVE | 183 | HDM18/3 | £264.62 | € 357.23 |
| 1/2" 4 BANK D/ACTING S/RETURN VALVE | 184 | HDM18/4 | £324.41 | € 437.96 |
| **100LTR DIRECTIONAL CONTROL VALVE** | | | | |
| **PART NO REF CONV52/64** | | | | |
| 3/4" 1 BANK D/ACTING S/RETURN VALVE | 251 | HDM25/1 | £173.11 | € 233.71 |
| 3/4" 2 BANK D/ACTING S/RETURN VALVE | 252 | HDM25/2 | £310.79 | € 419.57 |
| NO VALVES NEEDED | XXX | | £0.00 | € 0.00 |

**USE TECH. DATA SHEET PU8 FOR PRODUCTS ON THIS PAGE**

**STEP 10**
**SELECT FILTRATION**
**EG: XXF**
**£0.00**

| FILTRATION | COSTING CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| NO EXTRA FILTRATION REQUIRED | XXF | £0.00 | € 0.00 |

**STEP 11**
**SELECT CARTRIDGE VALVES**
**EG: XXV**
**£0.00**

| EXTRA CARTRIDGE VALVES | COSTING CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| NO EXTRA CARTRIDGE VALVES REQUIRED. | XXV | £0.00 | € 0.00 |



**STEP 12**
**SELECT EXTRAS**
**EG: PG1**
**£21.17**

| COSTING CODE | ADD ON EXTRAS | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PG1 | PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG2 | PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG3 | PRESSURE GAUGE 0-3000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG4 | PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG6 | PRESSURE GAUGE 0-6000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| XXX | NOT REQUIRED | £0.00 | € 0.00 |
| PLUG | 13 Amp plug c/w 2 metre cable | £30.42 | € 41.07 |

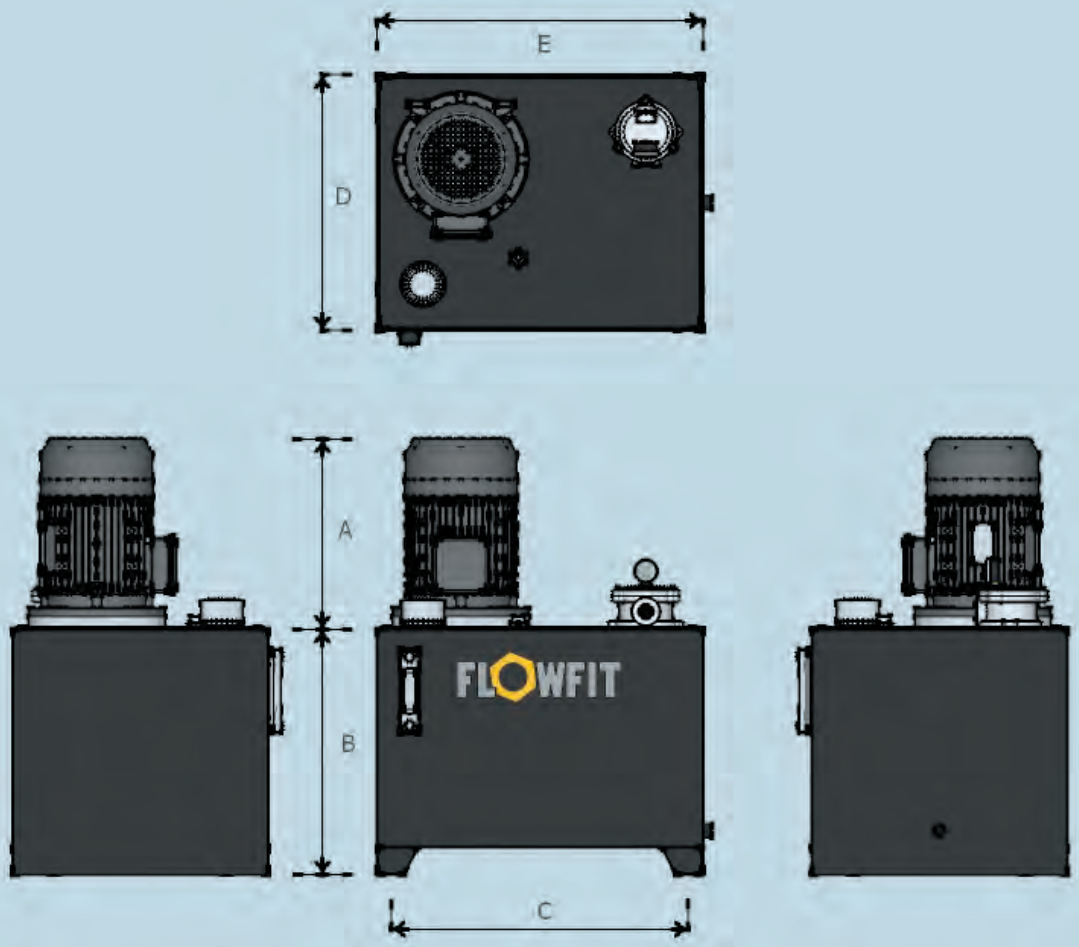
**ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED. ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE**

**FULL ORDER NUMBER FOR EXAMPLE SHOWN**
**HF50053-J-XXX-XXX-51-NG10-XXX-XXX-XXX-XXF-XXV-PG1**

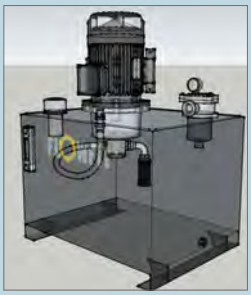
**USE TECH. DATA SHEET PU8 FOR PRODUCTS ON THIS PAGE**

# DETAILS FOR INSTALLATION HF500

## HF 500 Dimensions





| RESERVOIR DIMENSIONS | | | | |
|---|---|---|---|---|
| TANK CAPACITY | B | C | D | E |
| 39 Litre | 335 | 428 | 375 | 470 |
| 58 Litre | 365 | 548 | 470 | 600 |
| 75 Litre | 455 | 548 | 470 | 600 |
| 100 Litre | 505 | 625 | 520 | 675 |
| 165 Litre | 555 | 755 | 620 | 805 |
| 200 Litre | 560 | 820 | 640 | 900 |
| 250 Litre | 580 | 930 | 690 | 1010 |
| 300 Litre | 580 | 1070 | 700 | 1150 |
| 400 Litre | 580 | 1434 | 735 | 1514 |
| 630 Litre | 770 | 1434 | 945 | 1514 |

| THREE PHASE ELECTRIC MOTOR DIMENSION | | |
|---|---|---|
| MOTOR | FRAME | A |
| 2.2-4.0 KW | D100/D112 | 326/335 |
| 5.5-7.5 KW | D132 | 305/420 |
| 11-15 KW | D160 | 510 |
| 18.5-22 KW | D180 | 590 |
| 30 KW | D200 | 660 |
| 37-45 KW | D225 | 705 |
| 55 KW | D250 | 730 |

| SINGLE PHASE ELECTRIC MOTOR DIMENSION | | |
|---|---|---|
| MOTOR | FRAME | A |
| 2.2 | D100 | 320 |
| 3 KW | D112 | 340 |

# HF600 350 BAR VARIABLE FLOW HIGH PRESSURE POWER PACKS

The HF600 series of standard power packs is based on a range of 3phase motors from 7.5kw to 22kw. Supplied fully assembled and tested, These units offer pressures up to 350 bar and flows up to 34.5 l/min,higher flow rates upon request. All components in stock ready to assemble.




THE HF600 BASIC POWERUNIT STEP 1 CONSISTS OF:

- ELECTRIC MOTOR 415V 50HZ 3PH 4PL
- KOMPASS VARIABLE DISPLACEMENT PRESSURE COMPENSATED PISTON PUMP
- FLOWFIT BELL HOUSING AND DRIVE COUPLING
- IKRON TANK TOP RETURN LINE FILTER 10 MICRON C/W VISUAL INDICATOR
- IKRON FILLER BREATHER AND IKRON SUCTION STRAINER 125 MICRON

**EXAMPLE**

**STEP 1**
SELECT FLOW
EG: HF6001
£3,037.68

www.flowfitonline.com
TECH. DATA SHEET
**PU9**

## TO GENERATE YOUR FULL ORDER NUMBER SELECT THE COSTING CODE OR EACH COMPONENT

| FLOW (VARIABLE DISPLACEMENT PRESSURE COMPENSATED PISTON PUMP) | COSTING CODE | MAX PRESS BAR | MOTOR KW SIZE | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| 24 L/MIN | HF6001 | 140 | 7.5 | £3,037.68 | € 4,100.87 |
| 24 L/MIN | HF6002 | 250 | 11 | £3,352.28 | € 4,525.57 |
| 24 L/MIN | HF6003 | 350 | 15KW | £3,444.50 | € 4,650.08 |
| 30 L/MIN | HF6004 | 140 | 11KW | £3,384.84 | € 4,569.53 |
| 30 L/MIN | HF6005 | 250 | 15.KW | £3,477.05 | € 4,694.01 |
| 30 L/MIN | HF6006 | 350 | 22KW | £3,824.22 | € 5,162.68 |
| 34.5 L/MIN | HF6007 | 140 | 11KW | £3,384.84 | € 4,569.53 |
| 34.5 L/MIN | HF6008 | 250 | 15KW | £3,477.05 | € 4,694.01 |
| 34.5 L/MIN | HF6009 | 350 | 22KW | £3,824.22 | € 5,162.68 |





**STEP 2**
SELECT TANK
EG: D
£274.83

| HYDRAULIC TANKS | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 58 LITRES CAPACITY | B | HF55 | £198.23 | € 267.61 |
| 75 LITRES CAPACITY | C | HF75 | £227.49 | € 307.11 |
| 100 LITRES CAPACITY | D | HF100 | £274.83 | € 371.01 |
| 165 LITRES CAPACITY | E | HF180 | £368.36 | € 497.28 |
| 200 LITRES CAPACITY | F | HFSS200 | £507.58 | € 685.23 |
| FITTED WITH FILTREC LEVEL INDICATOR. | | | | |



**STEP 3**
SELECT MANIFOLD
EG: 32
£42.84

| CETOP 3 M/FOLD PART NO REF | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| CETOP 3 1STN M/FOLD | 31 | MD-03P-1-G | £23.37 | € 31.55 |
| CETOP 3 2STN M/FOLD | 32 | MD-03P-2-G | £42.84 | € 57.83 |
| CETOP 3 3STN M/FOLD | 33 | MD-03P-3-G | £62.96 | € 85.01 |
| CETOP 3 4STN M/FOLD | 34 | MD-03P-4-G | £85.68 | € 115.67 |
| CETOP 3 5STN M/FOLD | 35 | MD-03P-5-G | £109.00 | € 147.16 |
| CETOP 3 1STN M/FOLD C/W RV | 31R | MD-03P-1-G-M26 | £59.96 | € 80.95 |
| CETOP 3 2STN M/FOLD C/W RV | 32R | MD-03P-2-G-M26 | £75.62 | € 102.09 |
| CETOP 3 3STN M/FOLD C/W RV | 33R | MD-03P-3-G-M26 | £102.08 | € 137.81 |
| CETOP 3 4STN M/FOLD C/W RV | 34R | MD-03P-4-G-M26 | £129.14 | € 174.33 |
| CETOP 3 5STN M/FOLD C/W RV | 35R | MD-03P-5-G-M26 | £158.90 | € 214.52 |
| NO MANIFOLD NEEDED | XXX | | £0.00 | € 0.00 |
| RV CARTRIDGE | RV | VC0800/120 | £21.06 | € 28.43 |



**STEP 4**
SELECT VALVES
EG: NG6S + NG6D
£36.60 + £49.23

| CETOP 3 VALVES<br>315 BAR MAX PRESSURE | COSTING CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| NG 6 D/ACTING VALVE | NG6D | £49.23 | € 66.45 |
| NG 6 S/ACTING VALVE | NG6S | £36.60 | € 49.42 |
| NO VALVES NEEDED | XXX | £0.00 | € 0.00 |



**STEP 5**
SELECT DIRECTIONAL
CONTROL VALVE
EG: XXX
£0.00

| 45LTR DIRECTIONAL CONTROL VALVE<br>400 BAR MAX PRESSURE<br>HDM11P/HDM11S | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 3/8" 1 BANK D/ACTING S/RETURN VALVE | P1 | HDM140/1 | £45.42 | € 61.33 |
| 3/8" 2 BANK D/ACTING S/RETURN VALVE | P2 | HDM11P/2 | £106.34 | € 143.55 |
| 3/8" 3 BANK D/ACTING S/RETURN VALVE | P3 | HDM11P/3 | £149.95 | € 202.44 |
| 3/8" 4 BANK D/ACTING S/RETURN VALVE | P4 | HDM11P/4 | £181.29 | € 244.75 |
| 3/8" 5 BANK D/ACTING S/RETURN VALVE | P5 | HDM11P/5 | £216.75 | € 292.60 |
| 3/8" 6 BANK D/ACTING S/RETURN VALVE | P6 | HDM11P/6 | £245.37 | € 331.24 |
| 1/2" 1 BANK D/ACTING S/RETURN VALVE | S1 | HDM11S/1 | £85.88 | € 115.94 |
| 1/2" 2 BANK D/ACTING S/RETURN VALVE | S2 | HDM11S/2 | £132.22 | € 178.50 |
| 1/2" 3 BANK D/ACTING S/RETURN VALVE | S3 | HDM11S/3 | £171.75 | € 231.87 |
| 1/2" 4 BANK D/ACTING S/RETURN VALVE | S4 | HDM11S/4 | £211.29 | € 285.24 |
| 1/2" 5 BANK D/ACTING S/RETURN VALVE | S5 | HDM11S/5 | £256.26 | € 345.96 |
| 1/2" 6 BANK D/ACTING S/RETURN VALVE | S6 | HDM11S/6 | £271.26 | € 366.21 |
| NO VALVES NEEDED | XXX | | £0.00 | € 0.00 |



**STEP 12**
SELECT EXTRAS
EG:XXX
£0.00

| ADD ON EXTRAS | COSTING CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR | PG1 | £21.17 | € 28.58 |
| PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR | PG2 | £21.17 | € 28.58 |
| PRESSURE GAUGE 0-3000PSI PLUS ISOLATOR | PG3 | £21.17 | € 28.58 |
| PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR | PG4 | £21.17 | € 28.58 |
| PRESSURE GAUGE 0-6000PSI PLU S ISOLATOR | PG6 | £21.17 | € 28.58 |
| PRESSURE GAUGE 0-10000PSI PLUS ISOLATOR | PG7 | £21.17 | € 28.58 |
| NOT REQUIRED | XXX | £0.00 | € 0.00 |

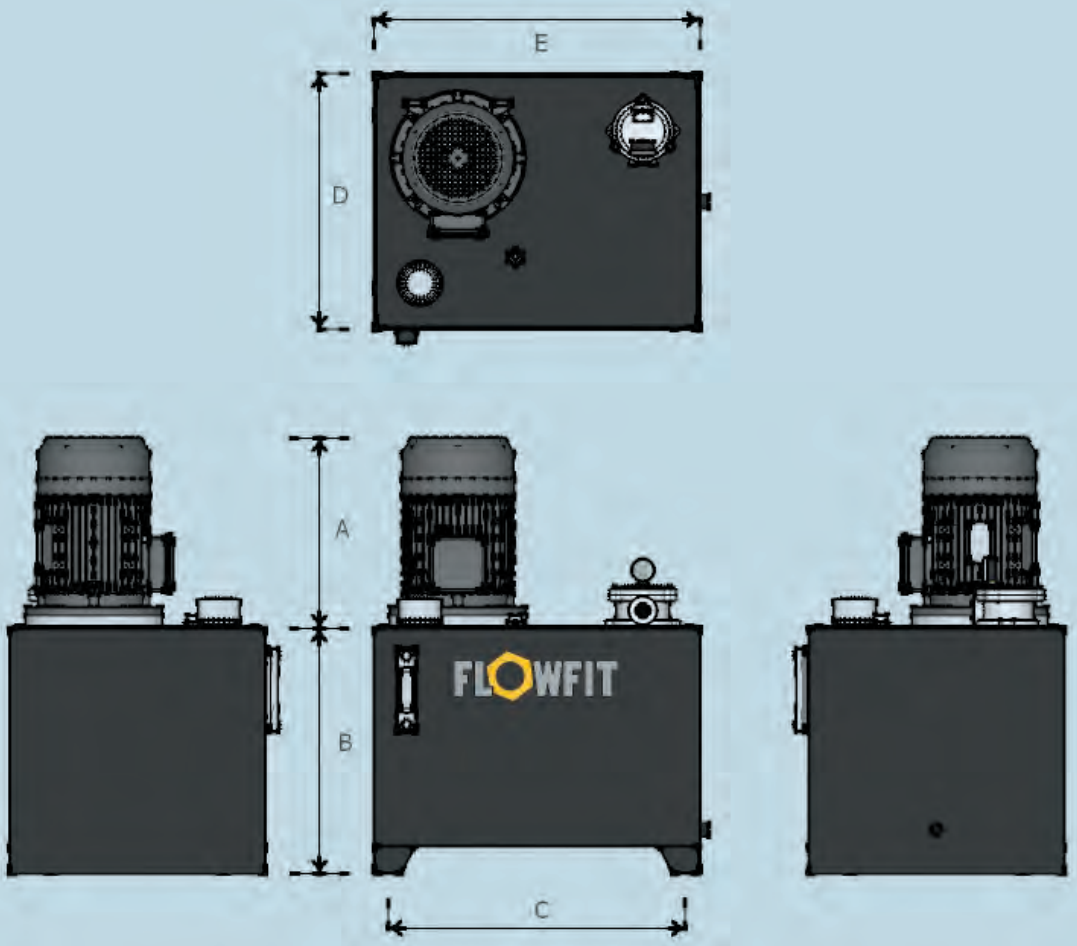
**ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED. ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE**

**USE TECH. DATA SHEET PU9 FOR PRODUCTS ON THIS PAGE**

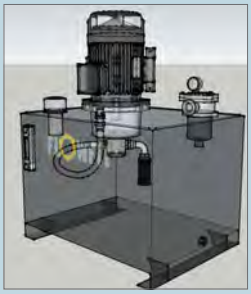
**FULL ORDER NUMBER FOR EXAMPLE SHOWN**
HF6001 D 32
NG6S NG6D XXX XXX

# DETAILS FOR INSTALLATION HF600

## HF 500 Dimensions





| TANK DIMENSIONS | | | | |
|---|---|---|---|---|
| TANK CAPACITY | B | C | D | E |
| 39 Litre | 335 | 428 | 375 | 470 |
| 58 Litre | 365 | 548 | 470 | 600 |
| 75 Litre | 455 | 548 | 470 | 600 |
| 100 Litre | 505 | 625 | 520 | 675 |
| 165 Litre | 555 | 755 | 620 | 805 |
| 200 Litre | 560 | 820 | 640 | 900 |
| 250 Litre | 580 | 930 | 690 | 1010 |
| 300 Litre | 580 | 1070 | 700 | 1150 |
| 400 Litre | 580 | 1434 | 735 | 1514 |
| 630 Litre | 770 | 1434 | 945 | 1514 |

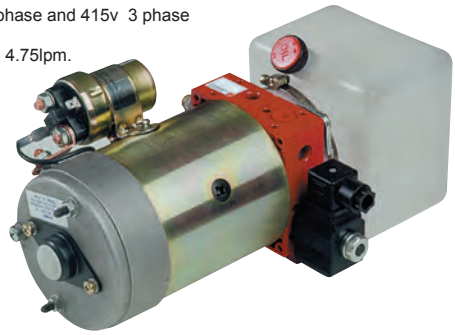
| THREE PHASE ELECTRIC MOTOR DIMENSION | | |
|---|---|---|
| MOTOR | FRAME | A |
| 2.2-4.0 KW | D100/D112 | 326/335 |
| 5.5-7.5 KW | D132 | 305/420 |
| 11-15 KW | D160 | 510 |
| 18.5-22 KW | D180 | 590 |
| 30 KW | D200 | 660 |
| 37-45 KW | D225 | 705 |
| 55 KW | D250 | 730 |

| SINGLE PHASE ELECTRIC MOTOR DIMENSION | | |
|---|---|---|
| MOTOR | FRAME | A |
| 2.2 | D100 | 320 |
| 3 KW | D112 | 340 |

# UP50 MINI-FLOW HYDRAULIC POWER PACK

The UP50 series of standard power packs is based on a range of12vdc,24vdc,48vdc, 240v 1 phase and 415v 3 phase motors from 0.12kw to 2.2kw.
Supplied fully assembled and tested, these units offer pressures up to 230 bar and flows up to 4.75lpm.
All components in stock ready to assemble for immediate delivery.

Mini hydraulic powerunits offering mini flows suitable for single acting, double acting, and fully reversible circuits.



Pumps: 0.25cc/rev-2.3cc/rev
Flows: from 0.25 litre up to 4.75 l/min
Working pressures: up to 230 bar.
Tanks: 0.5litre up to 4 litre.

Electric motors
12vdc: 350w-2000w
24vdc: 400w-2500w
48vdc: 2000w
220/240v/ac: 120w-750w
415v: 120w-750w
110V: 120w-750w

All UP50 assembled powerunits come complete as standard with the following components.
- Electric motor DC/AC
- Bucher gear pump.
- Bucher central housing
- Main relief valve
- Check valve
- Drive coupling
- Motor flange
- Suction Filter 216 micron
- Return filter conveyor 150 micron

**EXAMPLE**

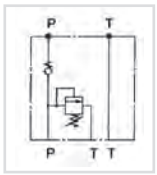
**STEP 1**
**SELECT FLOW**
**EG: UP50/44**
**£273.38**

www.flowfitonline.com
TECH. DATA SHEET
**PU10**

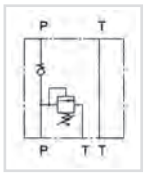
## TO GENERATE YOUR FULL ORDER NUMBER SELECT THE COSTING CODE OR EACH COMPONENT

| COSTING CODE<br>12VDC MOTOR | FLOW L/MIN | MAX PRESS BAR | MOTOR SIZE KW | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| UP50/1 | 0.75 | 200 | 350w | 12vdc | £406.83 | € 549.21 |
| UP50/2 | 1.3 | 200 | 350w | 12vdc | £406.83 | € 549.21 |
| UP50/3 | 1.5 | 200 | 350w | 12vdc | £406.83 | € 549.21 |
| UP50/4 | 2 | 150 | 350w | 12vdc | £406.83 | € 549.21 |
| UP50/5 | 2.5 | 125 | 350w | 12vdc | £406.83 | € 549.21 |
| UP50/6 | 3.7 | 75 | 350w | 12vdc | £406.83 | € 549.21 |
| **12VDC MOTOR** | | | | | | |
| UP50/7 | 1.2 | 200 | 800w | 12vdc | £406.83 | € 549.21 |
| UP50/8 | 2.2 | 200 | 800w | 12vdc | £406.83 | € 549.21 |
| UP50/9 | 2.6 | 200 | 800w | 12vdc | £406.83 | € 549.21 |
| UP50/10 | 2.8 | 200 | 800w | 12vdc | £406.83 | € 549.21 |
| UP50/11 | 3 | 200 | 800w | 12vdc | £406.83 | € 549.21 |
| UP50/12 | 3.5 | 160 | 800w | 12vdc | £406.83 | € 549.21 |
| **12VDC MOTOR** | | | | | | |
| UP50/13 | 1.2 | 200 | 2000w | 12vdc | £406.83 | € 549.21 |
| UP50/14 | 2 | 200 | 2000w | 12vdc | £406.83 | € 549.21 |
| UP50/15 | 2.5 | 200 | 2000w | 12vdc | £406.83 | € 549.21 |
| UP50/16 | 3 | 200 | 2000w | 12vdc | £406.83 | € 549.21 |
| UP50/17 | 3.75 | 200 | 2000w | 12vdc | £406.83 | € 549.21 |
| UP50/18 | 4.75 | 175 | 2000w | 12vdc | £406.83 | € 549.21 |
| **24VDC MOTOR** | | | | | | |
| UP50/19 | 1 | 200 | 400w | 24vdc | £406.83 | € 549.21 |
| UP50/20 | 1.25 | 200 | 400w | 24vdc | £406.83 | € 549.21 |
| UP50/21 | 1.6 | 175 | 400w | 24vdc | £406.83 | € 549.21 |
| UP50/22 | 2.2 | 150 | 400w | 24vdc | £406.83 | € 549.21 |
| UP50/23 | 3 | 125 | 400w | 24vdc | £406.83 | € 549.21 |
| UP50/24 | 4.4 | 75 | 400w | 24vdc | £406.83 | € 549.21 |
| **24VDC MOTOR** | | | | | | |
| UP50/28 | 2.75 | 175 | 900w | 24vdc | £488.20 | € 659.07 |
| UP50/29 | 3 | 175 | 900w | 24vdc | £488.20 | € 659.07 |
| **24VDC MOTOR** | | | | | | |
| UP50/31 | 1 | 200 | 2200w | 24vdc | £514.22 | € 694.20 |
| UP50/32 | 1.75 | 200 | 2200w | 24vdc | £514.22 | € 694.20 |
| UP50/33 | 2.25 | 200 | 2200w | 24vdc | £514.22 | € 694.20 |
| UP50/34 | 2.75 | 200 | 2200w | 24vdc | £514.22 | € 694.20 |
| UP50/35 | 3.5 | 200 | 2200w | 24vdc | £514.22 | € 694.20 |
| UP50/36 | 4.4 | 200 | 2200w | 24vdc | £514.22 | € 694.20 |

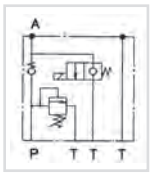
| COSTING CODE<br>240VAC UNIT 4 POLE MOTOR | FLOW L/MIN | MAX PRESS BAR | MOTOR SIZE KW | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| UP50/37 | 0.37 | 165 | 120w | 240vac | £265.80 | € 358.83 |
| UP50/38 | 0.75 | 120 | 180w | 240vac | £265.80 | € 358.83 |
| UP50/39 | 1.12 | 110 | 250w | 240vac | £265.80 | € 358.83 |
| UP50/40 | 1.35 | 140 | 370w | 240vac | £276.64 | € 373.46 |
| UP50/41 | 1.35 | 210 | 750w | 240vac | £322.22 | € 434.99 |
| UP50/42 | 2.4 | 115 | 550w | 240vac | £311.35 | € 420.33 |
| UP50/43 | 3.45 | 110 | 750w | 240vac | £322.22 | € 434.99 |
| **415VAC UNIT 4 POLE MOTOR** | | | | | | |
| UP50/44 | 0.37 | 165 | 120w | 415vac | £273.38 | € 369.07 |
| UP50/45 | 0.75 | 120 | 180w | 415vac | £273.38 | € 369.07 |
| UP50/46 | 1.12 | 110 | 250w | 415vac | £273.38 | € 369.07 |
| UP50/47 | 1.35 | 140 | 370w | 415vac | £276.64 | € 373.46 |
| UP50/48 | 1.35 | 210 | 750W | 415vac | £322.22 | € 434.99 |
| UP50/49 | 2.4 | 115 | 550w | 415vac | £303.77 | € 410.10 |
| UP50/50 | 3.45 | 110 | 750w | 415vac | £322.22 | € 434.99 |
| **48VDC UNIT** | | | | | | |
| 48VDC UNITS | | ADD TO 24VDC PRICES ABOVE | | | £108.49 | € 146.46 |



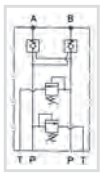
K17



K03



K41



K50

**STEP 2**
**SELECT CIRCUIT TYPE**
**EG:K17**
**£0.00**

| COSTING CODE | CIRCUIT TYPES | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| K17 | P AND T threaded ports 1/4"bsp | £0.00 | € 0.00 |
| K03 | Double acting circuit arranged with subplate for electro valve mounting.(Valves not included.) | £0.00 | € 0.00 |
| K41 | Single acting circuit (Valve not included) | £0.00 | € 0.00 |
| K50 | Reversible circuit c/w double pilot check valve and dual port relief included. | £157.32 | € 212.38 |

**STEP 3**
**SELECT VALVES**
**EG: XXX**
**£0.00**

| MANUAL<br>COSTING CODE | CONTROL VALVES | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZR817/22TV | Manual release valve screw in type (K41 only) | £93.20 | € 125.82 |
| ZRZR817/22TVMS | Manual lever control c/w safety lock and microswitch (K41) | £118.25 | € 159.65 |
| **SOLENOID** | | | |
| NOV****** | Normally open valve for single acting any voltage.(K41 only) | £116.10 | € 156.73 |
| NCV****** | Normally closed valve for single acting any voltage.(K41 only) | £91.13 | € 123.02 |
| 6013SOL | One double or single electro valve c/w manifold.(K03 only) | £239.76 | € 323.68 |
| 6023SOL | Two double and/or single electro valves c/w manifold. (K03 only) | £431.78 | € 582.91 |
| XXX | Not required | £0.00 | € 0.00 |
| **EXTRAS** | | | |
| VRC | Throttle compensated flow valve (K41 only) | £19.08 | € 25.77 |
| SMB | Steel mounting bracket for fitting to housing. | £10.30 | € 13.92 |
| DCM | Plastic motor cover for DC motors. | £17.91 | € 24.17 |
| ******= 12vdc,24vdc,24vac,110vac and 220vac | | | |

**USE TECH. DATA SHEET PU10 FOR PRODUCTS ON THIS PAGE**

**STEP 4**
**SELECT RESERVOIR**
**4L**
**£37.96**

| COSTING CODE | RESERVOIR SIZES | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| XXX | NO TANK FITTED FLANGE KIT ONLY SUPPLIED | £7.05 | € 9.53 |
| 0.5L | 0.5 LITRE PLASTIC | £20.63 | € 27.84 |
| 1L | 1 LITRE PLASTIC | £23.86 | € 32.21 |
| 1.5L | 1.5 LITRE PLASTIC | £26.04 | € 35.15 |
| 1.6L | 1.6 LITRE PLASTIC | £28.75 | € 38.80 |
| 2.5L | 2.5 LITRE PLASTIC | £33.80 | € 45.64 |
| 4L | 4 LITRE PLASTIC | £37.96 | € 51.26 |

**STEP 4**
**SELECT ORIENTATION**
**HOR**
**£0.00**

| COSTING CODE | ORIENTATION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| HOR | HORIZONTAL | £0.00 | € 0.00 |
| VER | VERTICAL | £0.00 | € 0.00 |

**ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED. ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE**

**USE TECH. DATA SHEET PU10 FOR PRODUCTS ON THIS PAGE**

**FULL ORDER NUMBER FOR EXAMPLE SHOWN**
**UP50/44 K17**
**XXX 4L HOR**

# ET-ELECTRIC DC MOTOR PUMP SET

www.flowfitonline.com
TECH. DATA SHEET
PU11

The ET series of standard motor pump sets is based on a range of 12vdc, 24vdc and 48vdc electric motors.
Supplied fully assembled and tested. These units offer pressures up to 200 bar and flows up to 22.5lpm. All components in stock ready to assemble for immediate delivery.

- Commonly referred to as an 'Emergency' or 'Backup' pump.
- Small electric DC motor pump unit to supply hydraulic power as flow and pressure to hydraulic circuits or as a system back up.
- The electro-motor-pumps are largely used on operating machines such as mobile machines,automotive applications,small truck mounted cranes,electro-hydraulic steering and where through simple valves and hose connections it is possible to operate and control different hydraulic actuators.
- All ET motor pump sets complete with DC Electric motor c/w relay,drive coupling, pump flange and a gear pump c/w bsp threaded ports.Unit supplied with a steel mounting flange.
- Used on applications where control valves are mounted away from the powerpack.
- Can be mounted in any position.
- Also available other pump and motor sizes from 0.8KW( 800w) to 3KW( 3000w).For all other input voltages 12vdc,24vdc or 48vdc and power ratings, and specific running times please download the ET pdf file or consult our sales department.
- Noise levels have been drastically reduced.
- Please note restricted running times apply check suitable for your application-continuous rated dc motors are available upon request.



| 12VDC FOR INTERMITTENT DUTY CYCLE. PART NUMBER | BUCHER CODING | FLOW L/MIN | MAX PRESS BAR | MOTOR SIZE KW | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ET/1.2/12VDC | T107E/R106/E45/AP100/1.2/319 | 4 | 200 | 1.7 | 12vdc | £324.39 | € 437.93 |
| ET/1.7/12VDC | T107E/R106/E45/AP100/1.7/319 | 4.5 | 175 | 1.7 | 12vdc | £324.39 | € 437.93 |
| ET/2.5/12VDC | T107E/R106/E45/AP100/2.5/319 | 9 | 150 | 1.7 | 12vdc | £324.39 | € 437.93 |
| ET/3.5/12VDC | T107E/R106/E45/AP100/3.5/319 | 9.5 | 100 | 1.7 | 12vdc | £324.39 | € 437.93 |
| ET/4.3/12VDC | T107E/R106/E45/AP100/4.3/319 | 12 | 75 | 1.7 | 12vdc | £324.39 | € 437.93 |
| ET/5/12VDC | T107E/R106/E45/AP100/5/319 | 13.5 | 75 | 1.7 | 12vdc | £324.39 | € 437.93 |
| ET/6.5/12VDC | T107E/R106/E45/AP100/6.5/319 | 17 | 50 | 1.7 | 12vdc | £324.39 | € 437.93 |
| ET/8/12VDC | T107E/R106/E45/AP1008/319 | 22.5 | 25 | 1.7 | 12vdc | £329.80 | € 445.23 |

| 24VDC FOR INTERMITTENT DUTY CYCLE. PART NUMBER | BUCHER CODING | FLOW L/MIN | MAX PRESS BAR | MOTOR SIZE KW | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ET/1.2/24VDC | T109E/R209/E45/AP100/1.2/319 | 4 | 200 | 2.2 | 24vdc | £425.06 | € 573.83 |
| ET/1.7/24VDC | T109E/R209/E45/AP100/1.7/319 | 4.5 | 200 | 2.2 | 24vdc | £425.06 | € 573.83 |
| ET/2.5/24VDC | T109E/R209/E45/AP100/2.5/319 | 6 | 200 | 2.2 | 24vdc | £425.06 | € 573.83 |
| ET/3.5/24VDC | T109E/R209/E45/AP100/3.5/319 | 7 | 175 | 2.2 | 24vdc | £425.06 | € 573.83 |
| ET/4.3/24VDC | T109E/R209/E45/AP100/4.3/319 | 8 | 150 | 2.2 | 24vdc | £425.06 | € 573.83 |
| ET/5/24VDC | T109E/R209/E45/AP100/5/319 | 9 | 125 | 2.2 | 24vdc | £425.06 | € 573.83 |
| ET/6.5/24VDC | T109E/R209/E45/AP100/6.5/319 | 12.5 | 100 | 2.2 | 24vdc | £425.06 | € 573.83 |
| ET/8/24VDC | T1097E/R209/E45/AP1008/319 | 16 | 75 | 2.2 | 24vdc | £425.06 | € 573.83 |

All motor pump sets above will deliver more flow at lower pressure.

| 24VDC FOR CONTINUOUS DUTY CYCLE. PART NUMBER | BUCHER CODING | FLOW L/MIN | MAX PRESS BAR | MOTOR SIZE KW | MOTOR TYPE | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ET/54/4.5/24VDC | ET/54/4.5/24VDC | 8 | 150 | 2.2 | 24vdc | £1,177.09 | € 1,589.08 |
| ET/54/6.5/24VDC | ET/54/6.5/24VDC | 12.5 | 100 | 2.2 | 24vdc | £1,177.09 | € 1,589.08 |
| ET/54/8.5/24VDC | ET/54/8.5/24VDC | 16 | 75 | 2.2 | 24vdc | £1,177.09 | € 1,589.08 |

| OPTIONAL EXTRAS | | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| RV | Relief valve fitted to the pump. | £101.98 | € 137.68 |
| SMB | Steel mounting bracket for fitting to housing. | £10.30 | € 13.92 |
| DCM | Plastic motor cover for DC motors. | £17.91 | € 24.17 |

# HF800 HONDA PETROL ENGINE DRIVEN POWER PACKS

POWERED by HONDA



The HF700 series of petrol driven power packs is based on a range of Honda petrol engines from 2.6kw – 15.3kw on request.

Supplied fully assembled and tested, These units offer pressures up to 210 bar and flows up to 63 l/min on request.

All components in stock ready to assemble for immediate delivery.
Electric start models have a key start.

ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED
ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE

**THE HF800 BASIC PETROL DRIVEN POWER PACKS CONSISTS OF:**

- HONDA AIR COOLED 4 STROKE OHV PETROL ENGINE
- GALTECH GEAR PUMP
- FLOWFIT BELL HOUSING AND DRIVE COUPLING
- IKRON TANK TOP RETURN LINE FILTER 10 MICRON C/W VISUAL INDICATOR
- FLOWFIT 45 LITRE RESERVOIR C/W REMOVEABLE LID
- IKRON FILLER BREATHER AND IKRON SUCTION STRAINER 125 MICRON
- FILTREC LEVEL AND TEMP INDICATOR
- PRESSURE GAUGE
- ASSEMBLED,MOUNTED ON A FRAME AND TESTED
- PAINTED BLACK



HONDA GX160



HONDA GX270



HONDA GX390



**EXAMPLE**

**STEP 1**
**SELECT ENGINE TYPE**
**EG: ZZ001754**
**£1,402.64**

www.flowfitonline.com
TECH. DATA SHEET
**PU12**

## TO GENERATE YOUR FULL ORDER NUMBER SELECT THE COSTING CODE OR EACH COMPONENT

| PART NO | HONDA ENGINE TYPE | KW 3600 RPM | HP 3600 RPM | ENGINE START | PERFORMANCE L/MIN @ PSI | PUMP TYPE | OIL ALERT YES / NO | DIMENSIONS L X W X H (MM) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ZZ001754 | GX160UT1QX4 | 2.6 | 5.5 | PULL | 10.5 L/MIN @ 3000PSI | GEAR | YES | 1015 x 385 x 600 | £1,402.64 | € 1,893.56 |
| ZZ001758 | GX270UT2QXQ4 | 3.6 | 9.5 | PULL | 19.5 L/MIN @ 1500PSI | GEAR | YES | 1015 x 385 x 600 | £1,688.89 | € 2,280.01 |
| ZZ001760 | GX390UT2QXQ4 | 5.3 | 13 | PULL | 24 L/MIN @ 1500PSI | GEAR | YES | 1015 x 385 x 600 | £2,118.28 | € 2,859.68 |



**STEP 2**
**SELECT ADD ON EXTRAS**
**EG:PG4**
**£21.17**

| COSTING CODE | ADD ON EXTRAS | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PG1 | PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG2 | PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG4 | PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG6 | PRESSURE GAUGE 0-6000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| XXX | NOT REQUIRED | £0.00 | € 0.00 |



**STEP 3**
SELECT CETOP 3 MANIFOLD
EG: XXX
£0.00

| CETOP 3 M/FOLD PART NO REF | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| CETOP 3 1STN M/FOLD | 31 | MD-03P-1-G | £23.37 | € 31.55 |
| CETOP 3 2STN M/FOLD | 32 | MD-03P-2-G | £42.84 | € 57.83 |
| CETOP 3 3STN M/FOLD | 33 | MD-03P-3-G | £62.96 | € 85.01 |
| CETOP 3 4STN M/FOLD | 34 | MD-03P-4-G | £85.68 | € 115.67 |
| NO MANIFOLD NEEDED | XXX | | £0.00 | € 0.00 |





**STEP 4**
SELECT CETOP 3 VALVES
EG: XXX
£0.00

| CETOP 3 VALVES 315 BAR MAX PRESSURE | COSTING CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| NG 6 D/ACTING VALVE | NG6D | £49.23 | € 66.45 |
| NG 6 S/ACTING VALVE | NG6S | £36.60 | € 49.42 |
| NO VALVES NEEDED | XXX | £0.00 | € 0.00 |



**STEP 5**
SELECT DIRECTIONAL CONTROL VALVE
EG:XXX
£0.00

| 45LTR DIRECTIONAL CONTROL VALVE 400 BAR MAX PRESSURE HDM11P/HDM11S | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 3/8" 1 BANK D/ACTING S/RETURN VALVE | P1 | HDM140/1 | £45.42 | € 61.33 |
| 3/8" 2 BANK D/ACTING S/RETURN VALVE | P2 | HDM11P/2 | £106.34 | € 143.55 |
| 3/8" 3 BANK D/ACTING S/RETURN VALVE | P3 | HDM11P/3 | £149.95 | € 202.44 |
| 3/8" 4 BANK D/ACTING S/RETURN VALVE | P4 | HDM11P/4 | £181.29 | € 244.75 |
| 3/8" 5 BANK D/ACTING S/RETURN VALVE | P5 | HDM11P/5 | £216.75 | € 292.60 |
| 3/8" 6 BANK D/ACTING S/RETURN VALVE | P6 | HDM11P/6 | £245.37 | € 331.24 |
| 1/2" 1 BANK D/ACTING S/RETURN VALVE | S1 | HDM11S/1 | £85.88 | € 115.94 |
| 1/2" 2 BANK D/ACTING S/RETURN VALVE | S2 | HDM11S/2 | £132.22 | € 178.50 |
| 1/2" 3 BANK D/ACTING S/RETURN VALVE | S3 | HDM11S/3 | £171.75 | € 231.87 |
| 1/2" 4 BANK D/ACTING S/RETURN VALVE | S4 | HDM11S/4 | £211.29 | € 285.24 |
| 1/2" 5 BANK D/ACTING S/RETURN VALVE | S5 | HDM11S/5 | £256.26 | € 345.96 |
| 1/2" 6 BANK D/ACTING S/RETURN VALVE | S6 | HDM11S/6 | £271.26 | € 366.21 |
| NO VALVES NEEDED | XXX | | £0.00 | € 0.00 |

**ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED.**
**ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE**

**USE TECH. DATA SHEET PU12 FOR PRODUCTS ON THIS PAGE**

**FULL ORDER NUMBER FOR EXAMPLE SHOWN**
HF800-PG4-XXX
-XXX-XXX

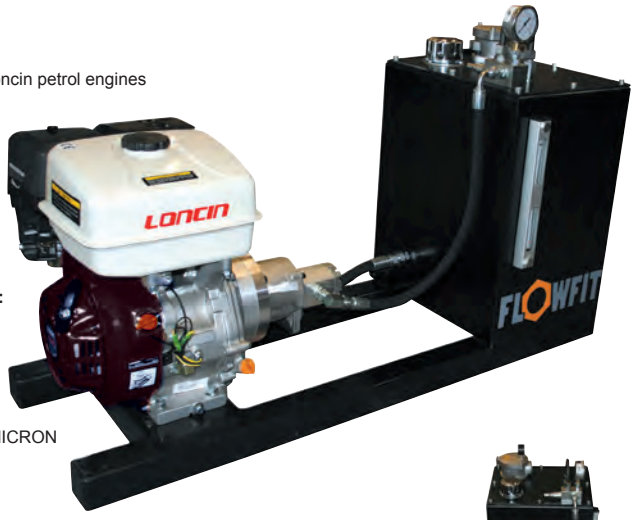
# HF700 PETROL ENGINE DRIVEN POWER PACKS

The HF700 series of petrol driven power packs is based on a range of Loncin petrol engines from 2.6kw – 15.3kw on request.

Supplied fully assembled and tested, These units offer pressures up to 210 bar and flows up to 63 l/min on request.

All components in stock ready to assemble for immediate delivery. Electric start models have a key start.

ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE




**THE HF700 BASIC PETROL DRIVEN POWER PACKS CONSISTS OF:**

- LONCIN AIR COOLED 4 STROKE OHV PETROL ENGINE
- GALTECH GEAR PUMP
- FLOWFIT BELL HOUSING AND DRIVE COUPLING
- IKRON TANK TOP RETURN LINE FILTER 10 MICRON C/W VISUAL INDICATOR
- FLOWFIT 45 LITRE RESERVOIR C/W REMOVEABLE LID
- IKRON FILLER BREATHER AND IKRON SUCTION STRAINER 125 MICRON
- FILTREC LEVEL AND TEMP INDICATOR
- PRESSURE GAUGE
- ASSEMBLED,MOUNTED ON A FRAME AND TESTED
- PAINTED BLACK



LONCIN G160FQ



LONCIN G270FQ



LONCIN G390FQ



**EXAMPLE**

**STEP 1**
SELECT ENGINE TYPE
EG: ZZ001362
£1,277.41

www.flowfitonline.com
TECH. DATA SHEET
**PU13**

## TO GENERATE YOUR FULL ORDER NUMBER SELECT THE COSTING CODE OR EACH COMPONENT

| PART NO | LONCIN ENGINE TYPE | KW 3600 RPM | HP 3600 RPM | ENGINE START | PERFORMANCE L/MIN @ PSI | PUMP TYPE | OIL ALERT YES / NO | DIMENSIONS L X W X H (MM) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ZZ001362 | G160FQ | 4 | 5.5 | PULL | 10.5 L/MIN @ 3000PSI | GEAR | YES | 1015 x 385 x 600 | £1,277.41 | € 1,724.51 |
| ZZ001758 | G270FQ | 6.7 | 9.5 | PULL | 19.5 L/MIN @ 1500PSI | GEAR | YES | 1015 x 385 x 600 | £1,688.89 | € 2,280.01 |
| ZZ001760 | G390FQ | 9.7 | 13 | PULL | 24 L/MIN @ 1500PSI | GEAR | YES | 1015 x 385 x 600 | £2,118.28 | € 2,859.68 |



**STEP 2**
SELECT ADD ON EXTRAS
EG: PG4
£21.17

| COSTING CODE | ADD ON EXTRAS | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PG1 | PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG2 | PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG4 | PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG6 | PRESSURE GAUGE 0-6000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| XXX | NOT REQUIRED | £0.00 | € 0.00 |



**STEP 3**
SELECT CETOP 3 MANIFOLD
EG: XXX
£0.00

| CETOP 3 M/FOLD PART NO REF | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| CETOP 3 1STN M/FOLD | 31 | MD-03P-1-G | £23.37 | € 31.55 |
| CETOP 3 2STN M/FOLD | 32 | MD-03P-2-G | £42.84 | € 57.83 |
| CETOP 3 3STN M/FOLD | 33 | MD-03P-3-G | £62.96 | € 85.01 |
| CETOP 3 4STN M/FOLD | 34 | MD-03P-4-G | £85.68 | € 115.67 |
| NO MANIFOLD NEEDED | XXX | | £0.00 | € 0.00 |





**STEP 4**
SELECT CETOP 3 VALVES
EG: XXX
£0.00

| CETOP 3 VALVES 315 BAR MAX PRESSURE | COSTING CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| NG 6 D/ACTING VALVE | NG6D | £49.23 | € 66.45 |
| NG 6 S/ACTING VALVE | NG6S | £36.60 | € 49.42 |
| NO VALVES NEEDED | XXX | £0.00 | € 0.00 |



**STEP 5**
SELECT DIRECTIONAL CONTROL VALVE
EG:XXX
£0.00

| 45LTR DIRECTIONAL CONTROL VALVE 400 BAR MAX PRESSURE HDM11P/HDM11S | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 3/8" 1 BANK D/ACTING S/RETURN VALVE | P1 | HDM140/1 | £45.42 | € 61.33 |
| 3/8" 2 BANK D/ACTING S/RETURN VALVE | P2 | HDM11P/2 | £106.34 | € 143.55 |
| 3/8" 3 BANK D/ACTING S/RETURN VALVE | P3 | HDM11P/3 | £149.95 | € 202.44 |
| 3/8" 4 BANK D/ACTING S/RETURN VALVE | P4 | HDM11P/4 | £181.29 | € 244.75 |
| 3/8" 5 BANK D/ACTING S/RETURN VALVE | P5 | HDM11P/5 | £216.75 | € 292.60 |
| 3/8" 6 BANK D/ACTING S/RETURN VALVE | P6 | HDM11P/6 | £245.37 | € 331.24 |
| 1/2" 1 BANK D/ACTING S/RETURN VALVE | S1 | HDM11S/1 | £85.88 | € 115.94 |
| 1/2" 2 BANK D/ACTING S/RETURN VALVE | S2 | HDM11S/2 | £132.22 | € 178.50 |
| 1/2" 3 BANK D/ACTING S/RETURN VALVE | S3 | HDM11S/3 | £171.75 | € 231.87 |
| 1/2" 4 BANK D/ACTING S/RETURN VALVE | S4 | HDM11S/4 | £211.29 | € 285.24 |
| 1/2" 5 BANK D/ACTING S/RETURN VALVE | S5 | HDM11S/5 | £256.26 | € 345.96 |
| 1/2" 6 BANK D/ACTING S/RETURN VALVE | S6 | HDM11S/6 | £271.26 | € 366.21 |
| NO VALVES NEEDED | XXX | | £0.00 | € 0.00 |

**ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED.**
**ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE**

**USE TECH. DATA SHEET PU13 FOR PRODUCTS ON THIS PAGE**

**FULL ORDER NUMBER FOR EXAMPLE SHOWN**
HF700-PG4-XXX
-XXX-XXX

# HF900 HATZ DIESEL ENGINE DRIVEN

The HF900 series of diesel driven power packs is based on a range of HATZ diesel engines from 7.4kw – 50kw on request.

Supplied fully assembled and tested, These units canoffer pressures up to 350 bar and flows up to 250 l/min on request.

All components in stock ready to assemble for immediate delivery.

ALL POWER PACKS ARE FULLY ASSEMBLED PRIOR TO DESPATCH. ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE

**THE HF900 BASIC DIESEL DRIVEN POWER PACKS CONSISTS OF:**

- HATZ SINGLE CYLINDER DIESEL ENGINE
- GALTECH GEAR PUMP
- FLOWFIT BELL HOUSING AND DRIVE COUPLING
- IKRON TANK TOP RETURN LINE FILTER 10 MICRON C/W VISUAL INDICATOR
- FLOWFIT 45 LITRE RESERVOIR C/W REMOVEABLE LID
- IKRON FILLER BREATHER AND IKRON SUCTION STRAINER 125 MICRON
- FILTREC LEVEL AND TEMP INDICATOR
- PRESSURE GAUGE
- ASSEMBLED,MOUNTED ON A FRAME AND TESTED
- PAINTED BLACK
- COMPLETE WITH DOUBLE ACTING VALVE, BUCHER HDM140 C/W MAIN RELIEF, DOUBLE ACTING SPOOL C/W 3 POSITION SPRING RETURN AND LEVER OPERATED






HATZ 1D50Z



HATZ 2G40

**EXAMPLE**

**STEP 1**
**SELECT ENGINE TYPE**
**EG: ZZ001422**
**£3,148.79**

www.flowfitonline.com
TECH. DATA SHEET
**PU14**

## TO GENERATE YOUR FULL ORDER NUMBER SELECT THE COSTING CODE OR EACH COMPONENT

| PART NO | HATZ ENGINE TYPE | KW 3600 RPM | HP 3600 RPM | ENGINE START | PERFORMANCE L/MIN @ PSI | PUMP TYPE | OIL ALERT YES / NO | DIMENSIONS L X W X H (MM) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ZZ001422 | 1D50Z | 7.5 | 10 | *HANDLE | 18 L/MIN @ 2900PSI | GEAR | YES | 1015 x 385 x 600 | £3,148.79 | € 4,250.87 |
| ZZ001640 | 2G40 | 14.7 | 19.7 | 12 VOLT | 36 L/MIN @ 2900PSI | GEAR | YES | 1015 x 385 x 600 | £5,725.08 | € 7,728.86 |

*12V START AVAILABLE ON REQUEST



**STEP 2**
**SELECT ADD ON EXTRAS**
**EG: PG4**
**£21.17**

| COSTING CODE | ADD ON EXTRAS | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PG1 | PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG2 | PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG4 | PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| PG6 | PRESSURE GAUGE 0-6000PSI PLUS ISOLATOR | £21.17 | € 28.58 |
| XXX | NOT REQUIRED | £0.00 | € 0.00 |



## STEP 3
SELECT CETOP 3 MANIFOLD
EG: XXX
£0.00

| CETOP 3 M/FOLD PART NO REF | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| CETOP 3 1STN M/FOLD | 31 | MD-03P-1-G | £23.37 | € 31.55 |
| CETOP 3 2STN M/FOLD | 32 | MD-03P-2-G | £42.84 | € 57.83 |
| CETOP 3 3STN M/FOLD | 33 | MD-03P-3-G | £63.18 | € 85.30 |
| CETOP 3 4STN M/FOLD | 34 | MD-03P-4-G | £85.68 | € 115.67 |
| NO MANIFOLD NEEDED | XXX | | £0.00 | € 0.00 |





## STEP 4
SELECT CETOP 3 VALVES
EG: XXX
£0.00

| CETOP 3 VALVES 315 BAR MAX PRESSURE | COSTING CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| NG 6 D/ACTING VALVE | NG6D | £49.23 | € 66.45 |
| NG 6 S/ACTING VALVE | NG6S | £36.60 | € 49.42 |
| NO VALVES NEEDED | XXX | £0.00 | € 0.00 |



## STEP 5
SELECT DIRECTIONAL CONTROL VALVE
EG:XXX
£0.00

| 45LTR DIRECTIONAL CONTROL VALVE 400 BAR MAX PRESSURE HDM11P/HDM11S | COSTING CODE | PART NO | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| 3/8" 1 BANK D/ACTING S/RETURN VALVE | P1 | HDM140/1 | £45.42 | € 61.33 |
| 3/8" 2 BANK D/ACTING S/RETURN VALVE | P2 | HDM11P/2 | £106.34 | € 143.55 |
| 3/8" 3 BANK D/ACTING S/RETURN VALVE | P3 | HDM11P/3 | £149.95 | € 202.44 |
| 3/8" 4 BANK D/ACTING S/RETURN VALVE | P4 | HDM11P/4 | £181.29 | € 244.75 |
| 3/8" 5 BANK D/ACTING S/RETURN VALVE | P5 | HDM11P/5 | £216.75 | € 292.60 |
| 3/8" 6 BANK D/ACTING S/RETURN VALVE | P6 | HDM11P/6 | £245.37 | € 331.24 |
| 1/2" 1 BANK D/ACTING S/RETURN VALVE | S1 | HDM11S/1 | £85.88 | € 115.94 |
| 1/2" 2 BANK D/ACTING S/RETURN VALVE | S2 | HDM11S/2 | £132.22 | € 178.50 |
| 1/2" 3 BANK D/ACTING S/RETURN VALVE | S3 | HDM11S/3 | £171.75 | € 231.87 |
| 1/2" 4 BANK D/ACTING S/RETURN VALVE | S4 | HDM11S/4 | £211.29 | € 285.24 |
| 1/2" 5 BANK D/ACTING S/RETURN VALVE | S5 | HDM11S/5 | £256.26 | € 345.96 |
| 1/2" 6 BANK D/ACTING S/RETURN VALVE | S6 | HDM11S/6 | £271.26 | € 366.21 |
| NO VALVES NEEDED | XXX | | £0.00 | € 0.00 |

**ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED.**
**ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE**

**USE TECH. DATA SHEET PU14 FOR PRODUCTS ON THIS PAGE**

**FULL ORDER NUMBER FOR EXAMPLE SHOWN**
**HF900-PG4-XXX-XXX-XXX**

# CUSTOM BUILT POWER UNITS

## CUSTOM BUILT POWER UNITS TO SUIT YOUR APPLICATIONS

Have a Flowfit custom built power unit to meet your exact requirements.

We can build power units for use in agricultural implements, sawmills, mining applications, quarries, compactors, landfills, material handling equipment, automotive plants, transportation, hanger door openers, man lifts, light industrial and wind turbine applications plus many more.

We can add a variety of custom features including DC backups for AC units, handpumps, explosion proof motors, oil coolers, heat exchangers, oil heaters, solenoid or manual valves, kidney loop filtration, offline filtration, tandem and triple pumps and two stage pumps.

Our Flowfit Power Unit Technical Support Team are here to assist you with all your power unit needs.

Give us a call today for assistance with any questions you may have.

For a no-obligation priced quotation please complete this form.

**Fax: 0044 1584 876044**
**Email: sales@flowfitonline.com**

# FLOWFIT CUSTOM BUILT WORKSHEET

**Customer Name** .....**Company Name**.....

**Address** .....

**Town/City**.....**County** .....

**Postcode** .....**Country**.....

**Phone**.....**Fax** .....

**Email** .....**Website**.....

**Mobile** .....

| Description of Application | Hydraulic schematic or hose layout |
|---|---|
| | |

**PLEASE ENTER THE DETAILS YOU KNOW AS A STARTING POINT**

## POWER SOURCE

PETROL ☐ _____ HP _____ KW DIESEL ☐ _____ HP _____ KW

ELECTRIC MOTOR ☐ _____ phase _____ voltage

_____ Hz ☐ AC _____ DC

PHASE ☐ Single ☐ Three

FLOW REQUIRED _____ Gallons _____ Litres

FLUID BEING USED _____

SPEED FOR ADVISED FLOW REQUIREMENT _____ RPM

PRESSURE REQUIRED _____ PSI _____ BAR

SPECIAL COMMENTS OR NEEDS:

_____

## TANK/RESERVOIR SIZE

SIZE REQUIRED _____ LITRES _____ GALLONS

Please note we normally recommend anywhere from 3 to 10 times pump flow for correct tank sizing.

PHYSICAL SIZE OF CUSTOMISED TANK REQUIRED LENGTH _____

WIDTH _____

HEIGHT _____

## PUMP TYPE

☐ VARIABLE DISPLACEMENT ☐ FIXED DISPLACEMENT

## MAIN RELIEF

RELIEF SETTING REQUIRED _____ PSI RELIEF SETTING REQUIRED _____ BAR

## DIRECTIONAL CONTROLS

☐ MANUAL ☐ SOLENOID ☐ VOLTAGE OF COILS

NUMBER OF SPOOLS _____

SPOOL ACTION ☐ CLOSED ☐ OPEN ☐ REGENERATIVE

☐ FLOAT ☐ TANDEM ☐ SPRING CENTRE ☐ DETENT

OTHER VALVES NEEDED

_____

## ACCESSORIES

☐ RETURN LINE FILTER ☐ PRESSURE FILTER

☐ PRESSURE GAUGE AND ISOLATOR _____ PRESSURE RANGE PSI

☐ COOLER REQUIRED _____ TYPE REQUIRED ☐ TANK OIL HEATER

IF OPERATING HYDRAULIC CYLINDERS PLEASE CONFIRM

BORE _____ mm ROD _____ mm STROKE _____ mm

SINGLE ACTING ☐ DOUBLE ACTING ☐ _____ TONNAGE FORCE REQUIRED.

IF CYLINDERS WORKING TOGETHER PLEASE ADVISE

_____

_____

TIME TO EXTEND _____ SECS TIME TO RETREAT _____ SECS

DO YOU REQUIRE SINGLE/DOUBLE PILOT CHECK VALVES ☐ DO YOU REQUIRE HOSE BURST VALVES ☐

IF OPERATING HYDRAULIC MOTORS PLEASE CONFIRM

SPEED OF MOTOR _____ RPM PRESSURE REQUIRED _____

THE ABOVE FORMS CONTIAN THE BASIC REQUIREMENTS TO ENABLE OUR FLOWFIT SUPPORT SPECIALIST TO PROCEED WITH A QUOTE. WE WILL CONTACT YOU FOR FURTHER INFO REQUIRED.

**CALL 01584 876033 FAX 01584 876044 EMAIL SALES @FLOWFITONLINE.COM**

# EXCLUSIVE TRADE DEALS NOW AVAILABLE!

FLOWFIT®

## EXCLUSIVE DISTRIBUTOR PURCHASING AGREEMENTS

FlowFit are a market leader when it comes to hydraulic component distribution and supply. With our continued innovative development and keeping the customer 'key', we are pleased to announce our **Exclusive Trade Deal Packages.**

CREDIT APPLICATION

- **Credit Terms Available**
- **Full Technical Product Support**
- **Exclusive Stock Agreement**
- **Next Day Delivery**
- **Over 20,000 items held in stock**




**Discount valid for website, telephone and in-store orders**

**Place your order today!**

Telephone: **+44 (0)1584 876 033**
Fax: **+44 (0)1584 876 044**
Email: **sales@flowfitonline.com**

# www.flowfitonline.com

## PETROL AND DIESEL POWER PACKS

# PETROL AND DIESEL POWER PACKS


| PRODUCT | PAGE |
|---|---|
| LONCIN 4 STROKE PETROL ENGINES | 178 |
| HATZ DIESEL ENGINES | 179 |
| PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP SETS | 184 |
| PETROL ENGINE DRIVEN HYDRAULIC HI-LOW GEAR PUMP SETS | 186 |











**QUALITY PRODUCTS**

**FREE ADVICE**

FLOWFIT 24 HOUR DELIVERY

# LONCIN 4 STROKE PETROL ENGINES

**The Loncin range of 4 stroke air cooling petrol engines are an industry standard oil alert petrol engines which conform to all EEC regulations.**

**The engines come with standard foot spring mountings, a 3/4" Q type shaft with keyway, recoil start and oil alert.**

**Ideal as replacement petrol engines for all major brands.**




For information on available engine HP please see part number description below.

These petrol engines are perfect for installations where no electrical power is available or conditions are not suitable to use electricity.

www.flowfitonline.com
TECH. DATA SHEET
PE01

**Example of ideal usage situations are:**

Boatyards
Offshore applications
Boat applications
Mobile application
Agricultural applications
Industrial applications
Emergency power situations
Truck mounted applications
Log Splitters




| PART NO. | HORSEPOWER HP | RECOIL START | ELECTRIC START | OIL ALERT | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| LC154F | 2.1 | YES | NO | YES | £162.92 | € 219.93 |
| G120F-P | 3.5 | YES | NO | YES | £162.92 | € 257.56 |
| G160F-P | 5.5 | YES | NO | YES | £218.78 | € 295.34 |
| G200F-P | 6.5 | YES | NO | YES | £221.38 | € 298.86 |
| G270F-P | 9 | YES | NO | YES | £398.94 | € 538.57 |
| G340F-P | 11 | YES | NO | YES | £410.19 | € 553.76 |
| G390F-P | 13 | YES | NO | YES | £424.19 | € 572.66 |
| G420F-P | 15 | YES | YES | YES | £499.61 | € 674.47 |
| LC2V78FD | 19.7 | YES | YES | YES | £878.23 | € 1,185.62 |









# HATZ DIESEL ENGINES

**HATZ are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 60kw)**

**We can supply HATZ diesel engines on their own or as part of a specially designed hydraulic power pack for your system.**

## HATZ 1B20 4.2HP DIESEL ENGINE WITH 12 VOLT START

www.flowfitonline.com TECH. DATA SHEET DE01



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 1b20 4.2 hp (3.1 kw) single cylinder diesel engine, 12 volt electric start.
- shaft drive 23mm taper or 3/4" inch straight 12 volt electric start.
- comes complete with fuel tank, air filter,silencer, recoil starter and instrument panel 12 volt.
- all engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002195 | HATZ 1B20 4.2HP DIESEL ENGIN E WITH 12 VOLT START | £1,734.00 | € 2,340.91 |

## HATZ 1B20 4.2HP DIESEL ENGINE WITH RECOIL START

www.flowfitonline.com TECH. DATA SHEET DE01



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 1b20 4.2 hp (3.1 kw) single cylinder diesel engine, recoil start
- Shaft drive 23mm taper or 3/4" inch straight.
- Comes complete with fuel tank, air filter,silencer,recoil starter.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002194 | HATZ 1B20 4.2HP DIESEL ENGINE WITH RECOIL START | £1,302.88 | € 1,758.89 |

## HATZ 1B30 6.3HP 4.6 KW DIESEL ENGINE WITH RECOIL START

www.flowfitonline.com TECH. DATA SHEET DE01



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 1b30 6.3 hp (4.6 kw) single cylinder diesel engine, recoil start
- Shaft drive 23mm taper or 1" inch straight.
- Comes complete with fuel tank, air filter,silencer, recoil starter
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002196 | HATZ 1B30 6.3HP 4.6 KW DIESEL ENGINE WITH RECOIL START | £1,492.15 | € 2,014.41 |

# HATZ 1B30 6.3HP DIESEL ENGINE WITH 12 VOLT START

www.flowfitonline.com
TECH. DATA SHEET
DE01



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 1b30 6.3 hp (4.6 kw) single cylinder diesel engine 12 volt electric start
- Shaft drive 23mm taper or 1" inch straight.
- Comes complete with fuel tank, air filter,silencer, recoil starter and instrument panel
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002197 | HATZ 1B30 6.3HP DIESEL ENGINE WITH 12 VOLT START | £1,777.56 | € 2,399.71 |

# HATZ 1B40 9.2HP DIESEL ENGINE WITH 12 VOLT START

www.flowfitonline.com
TECH. DATA SHEET
DE01



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 1b40 9.2 hp (6.8 kw) single cylinder diesel engine with 12 volt electric start..
- Shaft drive 23mm taper or 1" inch straight.
- Comes complete with fuel tank, air filter,silencer, recoil starter and instrument panel 12 volt.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002199 | HATZ 1B40 9.2HP DIESEL ENGINE WITH 12 VOLT START | £2,249.26 | € 3,036.51 |

# HATZ 1B40 9.2HP DIESEL ENGINE WITH RECOIL START

www.flowfitonline.com
TECH. DATA SHEET
DE01



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 1b40 9.2 hp (6.8 kw) single cylinder diesel engine recoil start.
- Shaft drive 23mm taper or 1" inch straight.
- Comes complete with fuel tank, air filter,silencer, recoil starter.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002198 | HATZ 1B40 9.2HP DIESEL ENGINE WITH RECOIL START | £1,828.65 | € 2,468.67 |

# HATZ 1D50Z 10.2HP DIESEL ENGINE WITH 12 VOLT START

www.flowfitonline.com
TECH. DATA SHEET
DE02



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 1d50z 10.2 hp (7.5 kw) single cylinder diesel engine with recoil start.
- Fly wheel drive
- Comes complete with fuel tank, air filter,silencer and recoil start.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002201 | HATZ 1D50Z 10.2HP DIESEL ENGINE WITH 12 VOLT START | £2,938.02 | € 3,966.33 |

# HATZ 1D50Z 10.2HP DIESEL ENGINE WITH HANDLE START

www.flowfitonline.com
TECH. DATA SHEET
DE02



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 1d50z 10.2 hp (7.5 kw) single cylinder diesel engine with handle start.
- Fly wheel drive
- Comes complete with fuel tank, air filter,silencer and crank handle.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002200 | HATZ 1D50Z 10.2HP DIESEL ENGINE WITH HANDLE START | £2,587.51 | € 3,493.13 |

# HATZ 1D81Z 13.7HP DIESEL ENGINE WITH 12 VOLT START

www.flowfitonline.com
TECH. DATA SHEET
DE02



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 1d81z 13.7 hp (10.1 kw) single cylinder diesel engine with recoil start.
- Fly wheel drive
- Comes complete with fuel tank, air filter,silencer and recoil starter.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002203 | HATZ 1D81Z 13.7HP DIESEL ENGINE WITH 12 VOLT START | £2,994.63 | € 4,042.75 |

# HATZ 1D81Z 13.7HP DIESEL ENGINE WITH HANDLE START

www.flowfitonline.com
TECH. DATA SHEET
DE02



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 1d81z 13.7 hp (10.1 kw) single cylinder diesel engine with handle start.
- Fly wheel drive
- Comes complete with fuel tank, air filter,silencer and crank handle.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002202 | HATZ 1D81Z 13.7HP DIESEL ENGINE WITH HANDLE START | £2,909.98 | € 3,928.48 |

# HATZ 2G40 20HP DIESEL ENGINE WITH 12 VOLT START

www.flowfitonline.com
TECH. DATA SHEET
DE03



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 2g40 20 hp (14.7 kw) multi cylinder diesel engine with recoil start.
- 38mm taper drive
- Comes complete with fuel feed pump, air filter, exhaust silencer, and instrument box 12 volt.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002204 | HATZ 2G40 20HP DIESEL ENGINE WITH 12 VOLT START | £3,638.87 | € 4,912.48 |

# HATZ 2L41C 33.2 HP DIESEL ENGINE WITH 12 VOLT START

www.flowfitonline.com
TECH. DATA SHEET
DE04



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 2l41c 33.2 hp (24.4 kw) multi cylinder diesel engine with recoil start.
- Fly wheel drive
- Comes complete with fuel feed pump, air filter, exhaust silencer, and instrument box 12 volt.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002205 | HATZ 2L41C 33.2 HP DIESEL ENGINE WITH 12 VOLT START | £6,715.61 | € 9,066.08 |

# HATZ 3L41C 49.9 HP DIESEL ENGINE WITH 12 VOLT START

www.flowfitonline.com
TECH. DATA SHEET
DE04



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 3l41c 49.9 hp (36.7 kw) multi cylinder diesel engine.
- Fly wheel drive, recoil start
- Comes complete with fuel feed pump, air filter, exhaust silencer, and instrument box 12 volt.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002206 | HATZ 3L41C 49.9 HP DIESEL ENGINE WITH 12 VOLT START | £7,900.22 | € 10,665.30 |

# HATZ 4L41C 66.4 HP DIESEL ENGINE WITH 12 VOLT START

www.flowfitonline.com
TECH. DATA SHEET
DE04



Hatz are world leaders in quiet, clean, air-cooled diesel engines for the following industries:

- Construction
- Power generation
- Pumpset
- Llift/ Reach Truck
- Agriculture

- Hatz 4l41c 66.4 hp (48.8 kw) multi cylinder diesel engine.
- Fly wheel drive
- Comes complete with fuel feed pump, air filter, exhaust silencer, and instrument box 12 volt.
- All engines can be fitted with complete ready to go hydraulic pumps and valve systems - ask for details.

Hatz are manufacturers of environmentally friendly diesel engines from 1.5hp to 80hp (1.1kw to 6okw).

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002207 | HATZ 4L41C 66.4 HP DIESEL ENGINE WITH 12 VOLT START | £9,589.40 | € 12.945.70 |

# PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP SETS

**Petrol pump sets are perfect for installations where no electrical power is available or in conditions suitable solely for petrol.**

**Examples of ideal usage situations are: boatyards, offshore applications, boat applications, mobile applications, agriculture applications, industrial applications, emergency power situations, and any truck mounted for mobility plus cranes and log slitters.**

**Our complete range of petrol driven power packs are based on our range of loncin petrol engines from 2.6kw - 15.3kw, with pressures up to 210 bar and flows up to 63 l/min available on request.**

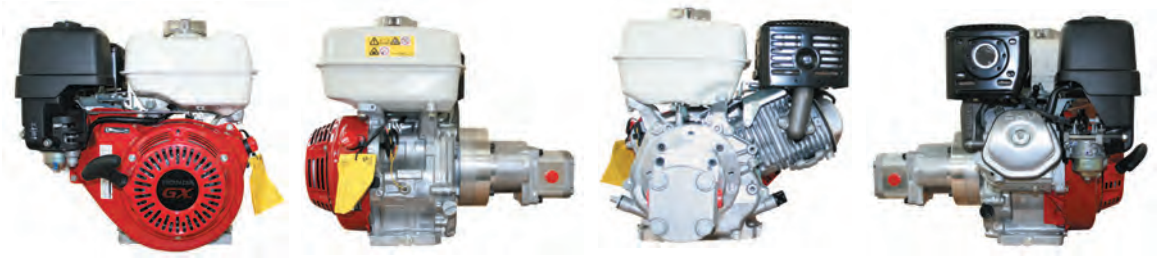
## HONDA 5.3 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP

www.flowfitonline.com
TECH. DATA SHEET
PE02

Honda GX160 5.3 hp single cylinder 4-stroke air cooling petrol engine, flowfit bell housing and drive coupling, 3.2cc gear pump giving 10.5l/min@ 3045psi.

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP CC | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ002401 | 10.5 | 3045 | 3.2 | 5.3 | GX160 | £531.37 | € 717.35 |



## HONDA 9 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP

www.flowfitonline.com
TECH. DATA SHEET
PE02

Honda GX270 9.0 hp single cylinder 4-stroke air cooling petrol engine, Flowfit bell housing and drive coupling, 6.3cc gear pump giving 19.5l/min@ 3045psi.

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP CC | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ002402 | 19.5 | 3045 | 6.3 | 9 | GX270 | £899.66 | € 1,214.55 |

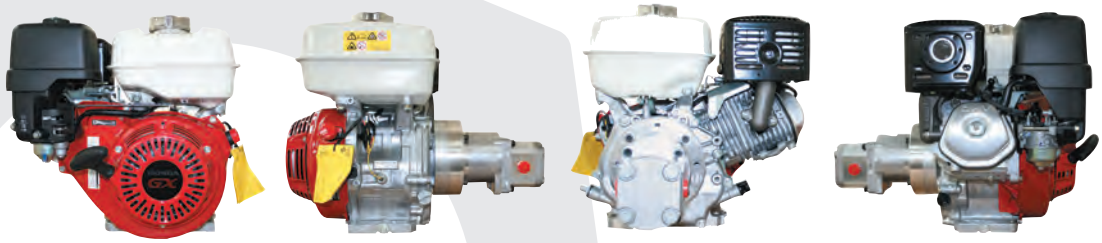
## HONDA 13 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP

www.flowfitonline.com
TECH. DATA SHEET
PE02

Honda GX390 13 hp single cylinder 4-stroke air cooling petrol engine,
flowfit bell housing and drive coupling, 8cc gear pump giving 24l/min@ 3045psi.

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP CC | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ002404 | 24 | 3045 | 8 | 13 | GX390 | £1,042.78 | € 1,407.76 |



# HONDA 20 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP

www.flowfitonline.com
TECH. DATA SHEET
PE02

Honda GX630-F-M 20 hp twin cylinder air cooled petrol engine,
flowfit bell housing and drive coupling, gear pump giving 33l/min@ 3000psi. Pump 11cc/rev.

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

- comes with recoil and electric start
- comes with fuel tank and muffler fitted

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ004679 | 33 | 3000 | GEAR PUMP | 20 | GX630-F-M | £2,141.01 | € 2,890.37 |

| ELECTRIC START ON ANY ENGINE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| FOR ELECTRIC START | ADD + £89.14 | ADD + € 120.34 |

# LONCIN 5.5 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP

www.flowfitonline.com
TECH. DATA SHEET
PE02

Loncin G160 5.5 hp single cylinder 4-stroke air cooling petrol engine,
flowfit bell housing and drive coupling, 3.2cc gear pump giving 10.5l/min@ 3045psi.

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP CC | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ000139 | 10.5 | 3045 | 3.2 | 5.5 | G160 | £362.67 | € 489.61 |




# LONCIN 9 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP

www.flowfitonline.com
TECH. DATA SHEET
PE02

Loncin G270 9.0 hp single cylinder 4-stroke air cooling petrol engine,
Flowfit bell housing and drive coupling, 6.3cc gear pump giving 19.5l/min@ 3045psi.

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP CC | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ000142 | 19.5 | 3045 | 6.3 | 9 | G270 | £620.14 | € 837.18 |



# LONCIN 13 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP

www.flowfitonline.com
TECH. DATA SHEET
PE02

Loncin G390 13 hp single cylinder 4-stroke air cooling petrol engine,
flowfit bell housing and drive coupling, 8cc gear pump giving 24l/min@ 3045psi.

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP CC | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ000144 | 24 | 3045 | 8 | 13 | G390 | £646.66 | € 873.00 |




| ELECTRIC START ON ANY ENGINE | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| FOR ELECTRIC START | ADD + £89.14 | ADD + € 120.34 |

# PETROL ENGINE DRIVEN HYDRAULIC HI-LOW GEAR PUMP SETS

**Petrol pump sets are perfect for installations where no electrical power is available or in conditions suitable solely for petrol.**

**Examples of ideal usage situations are: boatyards, offshore applications, boat applications, mobile applications, agriculture applications, industrial applications, emergency power situations, and any truck mounted for mobility plus cranes and log slitters.**

**Our complete range of petrol driven power packs are based on our range of loncin petrol engines from 5.5hp - 13hp, with pressures up to 210 bar and flows up to 61 l/min available on request.**

**All petrol pump sets are fully assembled and issued with 12 months warranty from invoice date.**

# HONDA 5.5 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

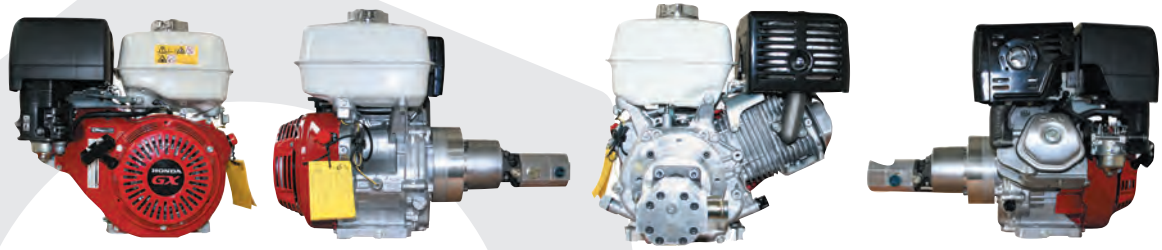
www.flowfitonline.com
TECH. DATA SHEET
PE03

Honda gx160ut1qx4 5.5 hp single cylinder 4-stroke air cooling petrol engine,
flowfit bell housing and drive coupling, hi-low gear pump giving 36l/min@ 3000psi.

1st pump 6.3cc/rev • 2nd pump 2.1cc/rev

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ002406 | 36 | 3000 | 2 STAGE | 5.5 | GX160UT1QX4 | £572.51 | € 772.89 |



# LONCIN 5.5 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

www.flowfitonline.com
TECH. DATA SHEET
PE03

Loncin g160fq 5.5 hp single cylinder 4-stroke air cooling petrol engine,
flowfit bell housing and drive coupling, hi-low gear pump giving 36l/min@ 3000psi.

1st pump 6.3cc/rev • 2nd pump 2.1cc/rev

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ001356 | 36 | 3000 | 2 STAGE | 5.5 | G160FQ | £405.62 | € 547.58 |







**FLOWFIT PETROL ENGINE DRIVEN HI-LO PUMP CAPABLE OF PRODUCING 36 L/MIN OF FLOW AND 3000 PSI OF PRESSURE**

These 2 stage petrol pump sets can give you much faster cycle times and higher possible pressures with a small engine.Excellent for use on log splitter applications and are 85% efficient.

The HI-LO gear pump changes internally on the high flow pump preset at 400-900 psi low pressure to low flow pump at 3000 psi for the high pressure pump.

Applications for the HI-LO pump are log splitters and presses where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.

**THE BASIC LONCIN PETROL ENGINE DRIVEN HI-LO PUMPSET CONSISTS OF:**

- LONCIN 5.5 HP SINGLE CYLINDER 4-STROKE AIR COOLING PETROL ENGINE.
- FLOWFIT 8 GPM HI-LO GEAR PUMP GIVING 36 L/MIN @ 3000 PSI AT 3600 RPM.
- FLOWFIT BELL HOUSING AND DRIVE COUPLING
- PLEASE ALSO NOTE FLOW CAN BE DECREASED WITH SLOWER ENGINE SETTING PLEASE NOTE HORSEPOWER AVAILABLE WILL DROP OFF.

ALL PETROL PUMP SETS ARE FULLY ASSEMBLED AND ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE.

| TOTAL FLOW L/MIN @900 PSI AND 3600 RPM | TOTAL FLOW L/MIN @3000 PSI AND 3600 RPM |
|---|---|
| 36 L/MIN | 12.96 L/MIN |

THESE PETROL PUMP SETS ARE PERFECT FOR INSTALLATIONS WHERE NO ELECTRICAL POWER IS AVAILABLE OR CONDITIONS ARE NOT SUITABLE TO USE ELECTRICITY.

**EXAMPLE OF IDEAL USAGE SITUATIONS ARE:**

- LOG SPLITTER APPLICATIONS
- BOATYARDS.
- OFFSHORE APPLICATIONS
- BOAT APPLICATIONS
- MOBILE APPLICATIONS
- AGRICULTURAL APPLICATIONS
- INDUSTRIAL APPLICATIONS
- EMERGENCY POWER SITUATIONS
- TRUCK MOUNTED CRANES

OUR COMPLETE RANGE OF PETROL DRIVEN POWER PACKS ARE BASED ON A RANGE OF LONCIN PETROL ENGINES FROM 2.6KW - 15.3KW, WITH PRESSURES UP TO 210 BAR AND FLOWS UP TO 72.6 L/MIN AVAILABLE ON REQUEST.

FOR CUSTOMER SUPPORT ON THIS ITEM PLEASE CALL 01584876033

PLEASE NOTE THAT DELIVERY TIME WILL DEPEND ON THE STYLE OF PACK YOU REQUIRE.

We can ship worldwide and will quote delivery costs on request.



# HONDA 9 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

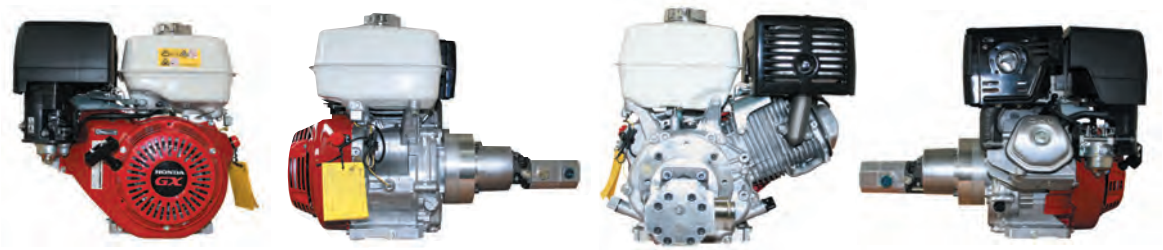
www.flowfitonline.com
TECH. DATA SHEET
PE03

Honda GX270UT2QXQ4 9.0 hp single cylinder 4-stroke air cooling petrol engine, Flowfit bell housing and drive coupling, hi-low gear pump giving 44.6l/min@ 3000psi.

1st pump 8.8cc/rev • 2nd pump 3.6cc/rev

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ002408 | 44.6 | 3000 | 2 STAGE | 9 | GX270UT2QXQ4 | £886.03 | € 1,196.14 |



# LONCIN 9 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

www.flowfitonline.com
TECH. DATA SHEET
PE03

Loncin G270 9.0 hp single cylinder 4-stroke air cooling petrol engine, Flowfit bell housing and drive coupling, hi-low gear pump giving 44.6l/min@ 3000psi.

1st pump 8.8cc/rev • 2nd pump 3.6cc/rev

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| TOTAL FLOW L/MIN @900 PSI AND 3600 RPM | TOTAL FLOW L/MIN @3000 PSI AND 3600 RPM |
|---|---|
| 44.6 L/MIN | 12.96 L/MIN |

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ001360 | 44.6 | 3000 | 2 STAGE | 9 | G270FQ | £616.25 | € 831.93 |




**FLOWFIT PETROL ENGINE DRIVEN HI-LO PUMP CAPABLE OF PRODUCING 49.9 L/MIN OF FLOW AND 3000 PSI OF PRESSURE**

These 2 stage petrol pump sets can give you much faster cycle times and higher possible pressures with a small engine.Excellent for use on log splitter applications and are 85% efficient.

The HI-LO gear pump changes internally on the high flow pump preset at 400-900 psi low pressure to low flow pump at 3000 psi for the high pressure pump.

Applications for the HI-LO pump are log splitters and presses where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.

**THE BASIC LONCIN PETROL ENGINE DRIVEN HI-LO PUMPSET CONSISTS OF:**

- LONCIN 9 HP SINGLE CYLINDER 4-STROKE AIR COOLING PETROL ENGINE.
- FLOWFIT 11 GPM HI-LO GEAR PUMP GIVING 49.9 L/MIN @ 3000 PSI AT 3600 RPM.
- FLOWFIT BELL HOUSING AND DRIVE COUPLING
- PLEASE ALSO NOTE FLOW CAN BE DECREASED WITH SLOWER ENGINE SETTING PLEASE NOTE HORSEPOWER AVAILABLE WILL DROP OFF.

ALL PETROL PUMP SETS ARE FULLY ASSEMBLED AND ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE.

THESE PETROL PUMP SETS ARE PERFECT FOR INSTALLATIONS WHERE NO ELECTRICAL POWER IS AVAILABLE OR CONDITIONS ARE NOT SUITABLE TO USE ELECTRICITY.

**EXAMPLE OF IDEAL USAGE SITUATIONS ARE:**

- LOG SPLITTER APPLICATIONS
- BOATYARDS.
- OFFSHORE APPLICATIONS
- BOAT APPLICATIONS
- MOBILE APPLICATIONS
- AGRICULTURAL APPLICATIONS
- INDUSTRIAL APPLICATIONS
- EMERGENCY POWER SITUATIONS
- TRUCK MOUNTED CRANES

OUR COMPLETE RANGE OF PETROL DRIVEN POWER PACKS ARE BASED ON A RANGE OF LONCIN PETROL ENGINES FROM 2.6KW - 15.3KW, WITH PRESSURES UP TO 210 BAR AND FLOWS UP TO 72.6 L/MIN AVAILABLE ON REQUEST.

FOR CUSTOMER SUPPORT ON THIS ITEM PLEASE CALL 01584876033

PLEASE NOTE THAT DELIVERY TIME WILL DEPEND ON THE STYLE OF PACK YOU REQUIRE.

We can ship worldwide and will quote delivery costs on request.

# HONDA 13 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

www.flowfitonline.com TECH. DATA SHEET PE03

Honda GX390UT2QXQ4 13 hp single cylinder 4-stroke air cooling petrol engine, Flowfit bell housing and drive coupling, hi-low gear pump giving 61.5l/min@ 3000psi.

1st pump 12.9cc/rev • 2nd pump 4.1cc/rev

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ002410 | 61.5 | 3000 | 2 STAGE | 13 | GX390UT2QXQ4 | £1,031.88 | € 1,393.03 |

# LONCIN 13 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

www.flowfitonline.com TECH. DATA SHEET PE03

Loncin G390 13 hp single cylinder 4-stroke air cooling petrol engine, flowfit bell housing and drive coupling, hi-low gear pump giving 61.5l/min@ 3000psi.

1st pump 12.9cc/rev • 2nd pump 4.1cc/rev

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

| TOTAL FLOW L/MIN @900 PSI AND 3600 RPM | TOTAL FLOW L/MIN @3000 PSI AND 3600 RPM |
|---|---|
| 61.5 L/MIN | 15.08 L/MIN |

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ001355 | 61.5 | 3000 | 2 STAGE | 13 | G390FQ | £697.64 | € 941.81 |










**FLOWFIT PETROL ENGINE DRIVEN HI-LO PUMP CAPABLE OF PRODUCING 72.6 L/MIN OF FLOW AND 3000 PSI OF PRESSURE**

These 2 stage petrol pump sets can give you much faster cycle times and higher possible pressures with a small engine.Excellent for use on log splitter applications and are 85% efficient.

The HI-LO gear pump changes internally on the high flow pump preset at 400-900 psi low pressure to low flow pump at 3000 psi for the high pressure pump.

Applications for the HI-LO pump are log splitters and presses where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.

**THE BASIC FLOWFIT PETROL ENGINE DRIVEN HI-LO PUMPSET CONSISTS OF:**

- LONCIN 13HP SINGLE CYLINDER 4-STROKE AIR COOLING PETROL ENGINE.
- FLOWFIT 16 GPM HI-LO GEAR PUMP GIVING 72.6 L/MIN @ 3000 PSI AT 3600 RPM.
- FLOWFIT BELL HOUSING AND DRIVE COUPLING
- PLEASE ALSO NOTE FLOW CAN BE DECREASED WITH SLOWER ENGINE SETTING PLEASE NOTE HORSEPOWER AVAILABLE WILL DROP OFF.

ALL PETROL PUMP SETS ARE FULLY ASSEMBLED AND ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE.

THESE PETROL PUMP SETS ARE PERFECT FOR INSTALLATIONS WHERE NO ELECTRICAL POWER IS AVAILABLE OR CONDITIONS ARE NOT SUITABLE TO USE ELECTRICITY.

**EXAMPLE OF IDEAL USAGE SITUATIONS ARE:**

- LOG SPLITTER APPLICATIONS
- BOATYARDS.
- OFFSHORE APPLICATIONS
- BOAT APPLICATIONS
- MOBILE APPLICATIONS
- AGRICULTURAL APPLICATIONS
- INDUSTRIAL APPLICATIONS
- EMERGENCY POWER SITUATIONS
- TRUCK MOUNTED CRANES

OUR COMPLETE RANGE OF PETROL DRIVEN POWER PACKS ARE BASED ON A RANGE OF LONCIN PETROL ENGINES FROM 2.6KW - 15.3KW, WITH PRESSURES UP TO 210 BAR AND FLOWS UP TO 72.6 L/MIN AVAILABLE ON REQUEST.

FOR CUSTOMER SUPPORT ON THIS ITEM PLEASE CALL 01584876033

PLEASE NOTE THAT DELIVERY TIME WILL DEPEND ON THE STYLE OF PACK YOU REQUIRE.

We can ship worldwide and will quote delivery costs on request.

# HONDA 20 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

www.flowfitonline.com TECH. DATA SHEET PE03

Honda GX630-F-M 20 hp twin cylinder air cooled petrol engine, flowfit bell housing and drive coupling, hi-low gear pump giving 89.1l/min@ 3000psi. 1st pump 19cc/rev. 2nd pump 4.2cc/rev.

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.
• comes with recoil and electric start • comes with fuel tank and muffler fitted

| PART NO. | FLOW L/MIN | PRESSURE PSI | PUMP | ENGINE HP | ENGINE MODEL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ004413 | 89.1 | 3000 | 2 STAGE | 20 | GX630-F-M | £2,315.56 | € 3,126.01 |

# FLOWFIT®

# NEW WEBSITE LAUNCH




**KEY FEATURES:**

- Multi-Currency
- Multi-Language
- New Blog Page
- Technical Data Sheets which Interact with Catalogue
- Enhanced Search
- **1 Page Checkout!**

**FULLY RESPONSIVE DESIGN**

Visit today at


Telephone: **+44 (0)1584 876 033**
Fax: **+44 (0)1584 876 044**
Email: **sales@flowfitonline.com**


# www.flowfitonline.com

## HYDRAULIC MOTORS

# FLOWFIT HYDRAULIC MOTORS


| PRODUCT | PAGE |
|---|---|
| HYDRAULIC MOTOR SERIES FFPMM | 192 |
| HYDRAULIC MOTOR SERIES FFPM | 193 |
| HYDRAULIC MOTOR SERIES FFPRM | 195 |
| HYDRAULIC MOTOR SERIES FFPMH | 197 |
| HYDRAULIC MOTOR SERIES FFPMS | 198 |
| HYDRAULIC MOTOR SERIES FFPMSY | 201 |
| HYDRAULIC MOTOR SERIES FFPMT | 202 |
| HYDRAULIC MOTOR SERIES FFPMV | 204 |











**QUALITY PRODUCTS**

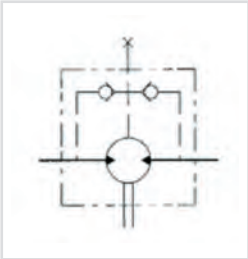
**FREE ADVICE**

If the part number needed is not listed please ask the Flowfit Sales Team

# HYDRAULIC MOTOR SERIES FFPMM

www.flowfitonline.com
TECH. DATA SHEET
FHM01





The FFPMM hydraulic series motor provides high output torque from a very small package. All FFPMM hydraulic motors have built in check valves ensuring pressure on the shaft seal does not exceed the return line pressure. FFPMM hydraulic motors can replace Sauer Danfoss OMM motors.

The anti-rust coating colour is phosphatizing coat. Phosphate coating is used for increased corrosion protection, and improved friction properties. This is applied to threaded parts and top coated with oil to add anti-galling and rust inhibiting characteristics. Its Colour is, dark grey / black.

- Spool valve type with gerotor
- With or without flange
- Optimized for small spaces
- Internal check valve
- Side and rear ports
- Usage without drain line possible

| TYPE | | FFPMM 8 | FFPMM 12.5 | FFPMM 20 | FFPMM 32 | FFPMM 40 | FFPMM 50 |
|---|---|---|---|---|---|---|---|
| Displacement [cm3/REV] | | 8.2 | 12.9 | 19.9 | 31.6 | 39.8 | 50.3 |
| Max. Speed [RPM] | Cont. | 1950 | 1550 | 1000 | 630 | 500 | 400 |
| | Int.(1) | 2450 | 1940 | 1250 | 800 | 630 | 500 |
| Max. Torque [daNm] | Cont. | 11 | 16 | 25 | 40 | 45 | 46 |
| | Int.(1) | 15 | 23 | 35 | 57 | 70 | 88 |
| | Peak (2) | 21 | 33 | 51 | 64 | 82 | 100 |
| Max. Output Power [kW] | Cont. | 1.8 | 2.4 | 2.4 | 2.4 | 2.2 | 1.8 |
| | Int.(1) | 2.6 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| Max. Pressure Drop [bar] | Cont | 100 | 100 | 100 | 100 | 90 | 70 |
| | Int.(1) | 140 | 140 | 140 | 140 | 140 | 140 |
| | Peak (2) | 200 | 200 | 200 | 160 | 160 | 160 |
| Max.Oil flow [l/min] | Cont | 16 | 20 | 20 | 20 | 20 | 20 |
| | Int.(1) | 20 | 25 | 25 | 25 | 25 | 25 |
| Max. Input Pressure [bar] | Cont. | 175 | 175 | 175 | 175 | 175 | 175 |
| | Int.(1) | 225 | 225 | 225 | 225 | 225 | 225 |
| Weight [kg] | | 1.9 | 2 | 2.1 | 2.2 | 2.3 | 2.4 |

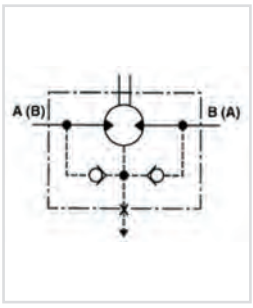
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPMM12,5C | Hydraulic motor FFPMM12.5C, 12,9 ccm/REV, shaft 16mm, G 3/8 inch, rear ports | £68.82 | € 92.91 |
| FFPMM20C | Hydraulic motor FFPMM20C, 19,9 ccm/REV, shaft 16mm, G3/8 inch, rear ports | £68.82 | € 92.91 |
| FFPMM32C | Hydraulic motor FFPMM32C, 31,6 ccm/REV, shaft 16mm, G3/8 inch, rear ports | £70.37 | € 95.01 |
| FFPMM32SH | Hydraulic motor FFPMM32SH, 31,6 ccm/REV, splined shaft 16,5mm 14 T., G3/8 inch, rear ports | £71.91 | € 97.07 |
| FFPMM40C | Hydraulic motor FFPMM40C, 39,8 ccm/REV, shaft 16mm, G 3/8 inch, rear ports | £71.91 | € 97.07 |
| FFPMM40SH | Hydraulic motor FFPMM40SH, 39,8 ccm/REV, splined shaft 16,5mm 14 T., G3/8 inch, rear ports | £73.44 | € 99.14 |
| FFPMM50C | Hydraulic motor FFPMM50C, 50,3 ccm/REV, shaft 16mm, G 3/8 inch, rear ports | £73.44 | € 99.14 |
| FFPMM8C | Hydraulic motor FFPMM8C, 8,2 ccm/REV, shaft 16mm, G 3/8 inch, rear ports | £69.15 | € 93.36 |
| FFPMMFS12,5C | Hydraulic motor FFPMMFS12,5C, 12,9 ccm/REV, shaft 16mm, G 3/8 inch, oval mount, side ports | £79.56 | € 107.41 |
| FFPMMFS20C | Hydraulic motor FFPMMFS20C, 19,9 ccm/REV, shaft 16mm, G 3/8 inch, oval mount, side ports | £79.56 | € 107.41 |
| FFPMMFS32C | Hydraulic motor FFPMMFS32C, 31,6 ccm/REV, shaft 16mm, G 3/8 inch, oval mount, side ports | £81.25 | € 109.68 |
| FFPMMFS8C | Hydraulic motor FFPMMFS8C, 8,2 ccm/REV, shaft 16mm, G 3/8 inch, oval mount, side ports | £81.25 | € 109.68 |
| FFPMMS12.5C | Hydraulic motor FFPMMS12.5C, 12,9 ccm/REV, shaft 16mm, G 3/8 inch, side ports | £77.06 | € 104.03 |
| FFPMMS20C | Hydraulic motor FFPMMS20C, 19,9 ccm/REV, shaft 16mm, G 3/8 inch, side ports | £77.06 | € 104.03 |
| FFPMMS32C | Hydraulic motor FFPMMS32C, 31,6 ccm/REV, shaft 16mm, G 3/8 inch, side ports | £78.75 | € 106.33 |
| FFPMMS40C | Hydraulic motor FFPMMS40C, 39,8 ccm/REV, shaft 16mm, G 3/8 inch, side ports | £80.44 | € 108.58 |
| FFPMMS50C | Hydraulic motor FFPMMS50C, 50,3 ccm/REV, shaft 16mm, G 3/8 inch, side ports | £82.10 | € 110.84 |
| FFPMMS8C | Hydraulic motor FFPMMS8C, 8,2 ccm/REV, shaft 16mm, G 3/8 inch, side ports | £77.06 | € 104.03 |

(1) Intermittend operation rating applies to 6 sec. of every minute
(2) Peak load rating applies to 0,6 sec of every minute

# HYDRAULIC MOTOR SERIES FFPM

www.flowfitonline.com
TECH. DATA SHEET
FHM02






The FFPM series hydraulic motor comes in a small envelope size and provides an economical solution when high torque is required. Industry standard housings and shafts enables the FFPM hydraulic motor to interchange with most makes of motor. Flowfit fully interchanges with the Sauer Danfoss OMP range of hydraulic motors and other well known brands.High pressure shaft seal offers superior seal life and performance. See the range below.

The anti-rust coating colour is phosphatizing coat. Phosphate coating is used for increased corrosion protection, and improved friction properties. This is applied to threaded parts and top coated with oil to add anti-galling and rust inhibiting characteristics. Its Colour is, dark grey / black.

- Spool valve type.
- Compact design
- Optimized for small spaces
- Internal check valve
- Usage without drain line possible
- High pressure seal is standard

| TYPE | | FFPM 50 | FFPM 80 | FFPM 100 | FFPM 125 | FFPM 160 | FFPM(1) 200 | FFPM(2) 200 | FFPM(1) 250 | FFPM(2) 250 | FFPM(1) 315 | FFPM(2) 315 | FFPM(1) 400 | FFPM(2) 400 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Displacement [cm;/REV] | | 51.7 | 77.7 | 96.2 | 117.2 | 155.5 | 189.9 | 189.9 | 231 | 231 | 311.7 | 311.7 | 386.2 | 386.2 |
| Max. Speed [RPM] | Cont | 1180 | 760 | 600 | 485 | 380 | 302 | 302 | 240 | 240 | 190 | 190 | 150 | 150 |
| | Int.(3) | 1380 | 940 | 750 | 600 | 475 | 380 | 380 | 302 | 302 | 235 | 235 | 190 | 190 |
| Max. Torque [daNm] | Cont. | 9.3 | 14.9 | 19 | 23.4 | 31 | 36.4 | 35.9 | 45.2 | 35.1 | 46.3 | 34.2 | 48.2 | 34.8 |
| | Int.(3) | 12 | 19 | 23 | 29 | 37 | 45.2 | 43.5 | 58.9 | 46.8 | 54.3 | 49.2 | 55.5 | 45.4 |
| | Peak (4) | 14 | 21.9 | 26.5 | 36.2 | 42.6 | 54.5 | 54.5 | 64.2 | 58.5 | 70.5 | 68.4 | 78.7 | 68.8. |
| Max. Output Power [kW] | Cont. | 10.2 | 10.1 | 10.3 | 10 | 10 | 10 | 9.6 | 9.4 | 7.4 | 7.5 | 5.6 | 6.3 | 4.6 |
| | Int.(3) | 12.3 | 12.3 | 12.5 | 12 | 12 | 12 | 12 | 12 | 12 | 9 | 9 | 7.8 | 7.8 |
| Max. Pressure Drop [bar] | Cont | 140 | 140 | 140 | 140 | 140 | 140 | 135 | 135 | 105 | 115 | 80 | 90 | 65 |
| | Int.(3) | 175 | 175 | 175 | 175 | 175 | 175 | 160 | 175 | 140 | 135 | 115 | 110 | 90 |
| | Peak (4) | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 200 | 175 | 175 | 160 | 160 | 140 |
| Max. Oil flow [l/min] | Cont | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| | Int.(3) | 60 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Max. Input Pressure [bar] | Cont. | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 |
| | Int.(3) | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| | Peak (4) | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 |
| Weight [kg] | | 5.6 | 5.7 | 5.9 | 6.0 | 6.2 | 6.4 | 6.4 | 6.6 | 6.6 | 6.9 | 6.9 | 7.4 | 7.4 |

(1) FFPM Motor with CB, SH, K and SB shafts
(2) FFPM Motor with C, CO and S shafts
(3) Intermittend operation rating applies to 6 sec. of every minute
(4) Peak load rating applies to 0,6 sec of every minute

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPM100CB | Hydraulic motor FFPM100CB, 98,6 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, HPS | £82.06 | € 110.78 |
| FFPM100CD | Hydraulic motor FFPM100CD, 98,6 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS | £78.11 | € 105.45 |
| FFPM100COD | Hydraulic motor FFPM100COD, 98,6 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS | £85.55 | € 115.50 |
| FFPM100SHD | Hydraulic motor FFPM100SHD, 98,6 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS | £85.55 | € 115.50 |
| FFPM125CB | Hydraulic motor FFPM125CB, 123,5 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch | £83.86 | € 113.21 |
| FFPM125CD | Hydraulic motor FFPM125CD, 123,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS | £79.75 | € 107.65 |
| FFPM125COD | Hydraulic motor FFPM125CD, 123,5 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS | £87.34 | € 117.91 |
| FFPM125SHD | Hydraulic motor FFPM125SHD, 123,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch | £87.34 | € 117.91 |
| FFPM160CB | Hydraulic motor FFPM160CB, 158,6 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, HPS | £86.66 | € 117.00 |
| FFPM160CD | Hydraulic motor FFPM160CD, 158,6 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS | £82.31 | € 111.11 |
| FFPM160COD | Hydraulic motor FFPM160CD, 158,6 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS | £90.14 | € 121.69 |
| FFPM160SHD | Hydraulic motor FFPM160SHD, 158,6 ccm/REV, splined SAE 6B, 2-hole SAE A, G 1/2 inch, G1/2" | £90.14 | € 121.69 |
| FFPM200CB | Hydraulic motor FFPM200CB, 197,9 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, HPS | £89.29 | € 120.54 |

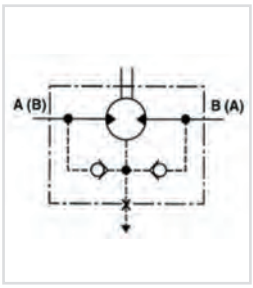
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPM200CD | Hydraulic motor FFPM200CD, 197,9 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS | £85.20 | € 115.02 |
| FFPM200COD | Hydraulic motor FFPM200COD, 197,9 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS | £93.30 | € 125.96 |
| FFPM200SHD | Hydraulic motor FFPM200SHD, 197,9 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS | £93.30 | € 125.96 |
| FFPM250CB | Hydraulic motor FFPM250CB, 247,5 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, G 1/2" | £92.08 | € 124.31 |
| FFPM250CD | Hydraulic motor FFPM250CD, 247,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS | £87.26 | € 117.81 |
| FFPM250COD | Hydraulic motor FFPM250COD, 247,5 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS | £95.57 | € 129.03 |
| FFPM250SHD | Hydraulic motor FFPM250SHD, 247,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch | £95.57 | € 129.03 |
| FFPM315CB | Hydraulic motor FFPM315CB, 316,5 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, HPS | £94.05 | € 126.95 |
| FFPM315CD | Hydraulic motor FFPM315CD, 316,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS | £89.05 | € 120.20 |
| FFPM315COD | Hydraulic motor FFPM315COD, 316,5 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS | £97.52 | € 131.66 |
| FFPM315SHD | Hydraulic motor FFPM315SHD, 316,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS | £97.52 | € 131.66 |
| FFPM400CB | Hydraulic motor FFPM400CB, 396,5ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, HPS | £96.94 | € 130.87 |
| FFPM400CD | Hydraulic motor FFPM400CD, 396,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS | £91.69 | € 123.79 |
| FFPM400COD | Hydraulic motor FFPM400COD, 396,5 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS | £100.43 | € 135.57 |
| FFPM400SHD | Hydraulic motor FFPM400SHD, 396,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS | £100.43 | € 135.57 |
| FFPM50CB | Hydraulic motor FFPM50CB, 51,2 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch | £78.41 | € 105.85 |
| FFPM50CD | Hydraulic motor FFPM50CD, 51,2 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS | £74.77 | € 100.94 |
| FFPM50COD | Hydraulic motor FFPM50COD, 51,2 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS | £81.89 | € 110.55 |
| FFPM50SHD | Hydraulic motor FFPM50SHD, 51,2 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS | £81.89 | € 110.55 |
| FFPM80CB | Hydraulic motor FFPM80CB, 78,8 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch | £80.19 | € 108.25 |
| FFPM80CD | Hydraulic motor FFPM80CD, 78,8 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS | £76.41 | € 103.15 |
| FFPM80COD | Hydraulic motor FFPM80CD, 78,8 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS | £83.69 | € 112.98 |
| FFPM80SHD | Hydraulic motor FFPM80SHD, 78,8 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS | £83.69 | € 112.98 |
| FFPMF100CB | Hydraulic motor FFPMF100CB, 396,5ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS | £91.45 | € 123.47 |
| FFPMF100CD | Hydraulic motor FFPMF100CD, 98,6 ccm/REV, shaft 25mm, 4-hole SAE A, G 1/2 inch, HPS | £95.26 | € 128.60 |
| FFPMF125CB | Hydraulic motor FFPM125CB, 123,5 ccm/REV, shaft 32mm, 4-hole SAE, G 1/2 inch | £93.40 | € 126.09 |
| FFPMF160CB | Hydraulic motor FFPMF160CB, 158,6 ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS | £96.44 | € 130.20 |
| FFPMF200CB | Hydraulic motor FFPMF200CB, 197,9 ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS | £99.33 | € 134.09 |
| FFPMF250CB | Hydraulic motor FFPMF250CB, 247,5 ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS | £102.35 | € 138.18 |
| FFPMF315CB | Hydraulic motor FFPMF315CB, 316,8ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS | £104.48 | € 141.04 |
| FFPMF400CB | Hydraulic motor FFPMF400CB, 396,5ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS | £107.63 | € 145.29 |
| FFPMF50CB | Hydraulic motor FFPMF50CB, 51,2ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS | £87.48 | € 118.10 |
| FFPMF80CB | Hydraulic motor FFPMF80CB, 78,8ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS | £89.42 | € 120.72 |
| FFPMN100CD | Hydraulic motor FFPMN100CD, 98,6 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS needle bearing | £92.50 | € 124.88 |
| FFPMN125CD | Hydraulic motor FFPMN125CD, 123,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing | £94.31 | € 127.31 |
| FFPMN160CD | Hydraulic motor FFPMN160CD, 158,6 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing | £97.10 | € 131.09 |
| FFPMN160COD | Hydraulic motor FFPM160CD, 158,6 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing | £97.09 | € 131.08 |
| FFPMN200CD | Hydraulic motor FFPMN200CD, 197,9 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing | £99.75 | € 134.65 |
| FFPMN250CD | Hydraulic motor FFPMN250CD, 247,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing | £102.54 | € 138.42 |
| FFPMN315CD | Hydraulic motor FFPMN315CD, 316,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing | £108.21 | € 146.08 |
| FFPMN400CD | Hydraulic motor FFPMN400CD, 396,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS needle bearing | £107.40 | € 144.98 |
| FFPMN50CD | Hydraulic motor FFPMN50CD, 51,2 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing | £88.85 | € 119.94 |
| FFPMN80CD | Hydraulic motor FFPMN80CD, 78,8 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing | £90.66 | € 122.37 |
| FFPMP200CD | Hydraulic motor FFPMP200CD, 197,9 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, protection cap, HPS | £109.93 | € 148.40 |
| FFPMP250CD | Hydraulic motor FFPMP250CD, 247,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, protection cap, HPS | £112.96 | € 152.50 |
| FFPMQ100HD | Hydraulic motor FFPMQ100HD, 98,6 ccm/REV, shaft 25,4mm cross hole, 4-hole flange, HPS | £96.00 | € 129.61 |
| FFPMQ125CD | Hydraulic motor FFPMQ125CD, 123,5 ccm/REV, shaft 25mm, 4-hole Square Flange, G 1/2 inch, HPS | £97.96 | € 132.24 |
| FFPMQ125HD | Hydraulic motor FFPMQ125HAD, 123,5 ccm/REV, shaft 25,4mm cross hole, 4-hole flange, HPS | £97.96 | € 132.24 |
| FFPMQ160CD | Hydraulic motor FFPMQ160CD, 158,6 ccm/REV, shaft 25mm, 4-hole Square Flange, G 1/2 inch, HPS | £100.99 | € 136.34 |
| FFPMQ50CD | Hydraulic motor FFPMQ50CD, 51,2 ccm/REV, shaft 25mm, 4-hole square flange, G 1/2 inch, HPS | £92.03 | € 124.23 |
| FFPMQ80CD | Hydraulic motor FFPMQ80CD, 78,8 ccm/REV, shaft 25mm, 4-hole flange, HPS, | £93.99 | € 126.90 |
| FFPMQ80COD | Hydraulic motor FFPMQ80COD, 78,8 ccm/REV, shaft 25,4mm, 4-hole flange, HPS, | £93.99 | € 126.90 |
| FFPMW160CD | Hydraulic motor FFPMW160CD, 158,6 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2" | £108.86 | € 146.97 |
| FFPMW200CD | Hydraulic motor FFPMW200CD, 197,9 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2" | £111.75 | € 150.85 |
| FFPMW250CD | Hydraulic motor FFPMW250CD, 247,5 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2" | £114.79 | € 154.97 |
| FFPMW315CD | Hydraulic motor FFPMW315CD, 316,5 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2" | £116.90 | € 157.82 |
| FFPMW400CD | Hydraulic motor FFPMW400CD, 396,5 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2" | £120.06 | € 162.09 |
| FFPMW80CD | Hydraulic motor FFPMW80CD, 78,8 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2" | £101.87 | € 137.52 |

# HYDRAULIC MOTOR SERIES FFPRM

www.flowfitonline.com
TECH. DATA SHEET
FHM03






The FFPRM series hydraulic motor provides high performance with high efficiency due to low rolling friction drive elements. Industry standard housings and shafts enables the FFPRM hydraulic motor to interchange with most makes of motor. Flowfit fully interchanges with the Sauer Danfoss OMR range. High pressure shaft seal offers superior seal life and performance.

The anti-rust coating colour is phosphatizing coat. Phosphate coating is used for increased corrosion protection, and improved friction properties. This is applied to threaded parts and top coated with oil to add anti-galling and rust inhibiting characteristics. Its Colour is, dark grey / black.

- Spool valve type with geroler
- Low starting torque and high efficiency
- Optimized for small spaces
- Internal check valve
- Usage without drain line possible
- High pressure seal is standard

| TYPE | | FFPRM 50 | FFPRM 80 | FFPRM 100 | FFPRM 125 | FFPRM 160 | FFPRM(1) 200 | FFPRM(2) 200 | FFPRM(1) 250 | FFPRM(2) 250 | FFPRM(1) 315 | FFPRM(2) 315 | FFPRM(1) 400 | FFPRM(2) 400 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Displacement [cm3/REV] | | 51.3 | 80.6 | 100.8 | 124.9 | 157.2 | 199.2 | 199.2 | 252 | 252 | 314.5 | 314.5 | 396.5 | 396.5 |
| Max. Speed [RPM] | Cont. | 755 | 750 | 600 | 475 | 375 | 300 | 300 | 240 | 240 | 190 | 190 | 150 | 150 |
| | Int.(3) | 970 | 940 | 750 | 600 | 470 | 375 | 375 | 300 | 300 | 240 | 240 | 190 | 190 |
| Max. Torque [daNm] | Cont. | 10 | 19.6 | 24.2 | 27.1 | 38.9 | 45 | 38.5 | 53.8 | 38.8 | 53.1 | 38.5 | 58.5 | 35.5 |
| | Int.(3) | 12.6 | 22.1 | 28.1 | 33.9 | 42.8 | 50 | 46 | 60.8 | 57.9 | 63 | 57 | 68.7 | 59.8 |
| | Peak (4) | 16.8 | 27 | 32.1 | 36.8 | 45.8 | 56 | 56 | 70.6 | 65.5 | 83 | 83 | 86.8 | 71.3 |
| "Max. Output Power [kW]" | Cont. | 6.9 | 12.6 | 12 | 12.4 | 11.4 | 11 | 9 | 10.5 | 6.4 | 9 | 6 | 7.7 | 4.7 |
| | Int.(3) | 8.3 | 15 | 15 | 14.5 | 12.6 | 13 | 11.5 | 12 | 10.5 | 11 | 9.6 | 10.6 | 8.7 |
| Max. Pressure Drop [bar] | Cont. | 140 | 160 | 160 | 160 | 160 | 160 | 135 | 150 | 105 | 135 | 85 | 110 | 65 |
| | Int.(3) | 175 | 180 | 180 | 180 | 180 | 180 | 175 | 175 | 160 | 150 | 130 | 140 | 75 |
| | Peak (4) | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 200 | 175 | 175 | 175 | 175 |
| Max. Oil flow [l/min] | Cont | 40 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| | Int.(3) | 50 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Max. Input Pressure [bar] | Cont. | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| | Int.(3) | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| | Peak (4) | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 |
| Weight [kg] | | 6.7 | 6.9 | 6.9 | 7.2 | 7.5 | 8.1 | 8.1 | 8.5 | 9.5 | 9.1 | 9.1 | 9.5 | 9.5 |

(1) FFPRM Motor with CB, SH, K and SB shafts
(2) FFPRM Motor with C, CO and S shafts
(3) Intermittend operation rating applies to 6 sec. of every minute
(4) Peak load rating applies to 0,6 sec of every minute

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPRM100CB | Hydraulic motor FFPRM100CB, 100,8 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch | £103.74 | € 140.07 |
| FFPRM100CD | Hydraulic motor FFPRM100CD, 100,8 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch | £98.01 | € 132.31 |
| FFPRM100COD | Hydraulic motor FFPRM100COD, 99,0 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS | £107.34 | € 144.91 |
| FFPRM100SHD | Hydraulic motor FFPRM100SHD, 100,8 ccm/REV, splined shaft SAE6B, 2-hole SAE A, HPS, G 1/2 inch | £107.34 | € 144.91 |
| FFPRM125CB | Hydraulic motor FFPRM125CB, 125,1 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch | £105.73 | € 142.74 |
| FFPRM125CD | Hydraulic motor FFPRM125CD, 125,1 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch | £99.74 | € 134.64 |
| FFPRM125COD | Hydraulic motor FFPRM125COD, 125,1 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, G 1/2 inch | £109.23 | € 147.45 |
| FFPRM125SHD | Hydraulic motor FFPRM125SHD, 125,1 ccm/REV, splined shaft SAE6B, 2-hole SAE A, HPS, G 1/2 inch | £109.23 | € 147.45 |
| FFPRM160CB | Hydraulic motor FFPRM160CB, 159,4 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch | £108.69 | € 146.74 |

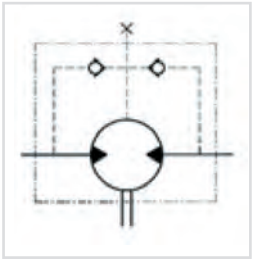
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPRM160CD | Hydraulic motor FFPRM160CD, 159,4 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch | £102.43 | € 138.27 |
| FFPRM160COD | Hydraulic motor FFPRM160COD, 159,4 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, G 1/2 inch | £112.18 | € 151.44 |
| FFPRM160SHD | Hydraulic motor FFPRM160SHD, 159,4 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch | £112.18 | € 151.44 |
| FFPRM200C/C | Hydraulic motor FFPRM200C/C, 199,6 ccm/REV, double shafts 25mm, 2-hole SAE A, G 1/2 inch | £159.25 | € 214.98 |
| FFPRM200CB | Hydraulic motor FFPRM200CB, 199,6 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch | £112.68 | € 152.11 |
| FFPRM200CD | Hydraulic motor FFPRM200CD, 199,6 ccm/REV, shaft 25mm, 2-hole SAE A, HPS | £106.06 | € 143.16 |
| FFPRM200COD | Hydraulic motor FFPRM200COD, 199,6 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS | £116.15 | € 156.81 |
| FFPRM200SHD | Hydraulic motor FFPRM200SHD, 197,9 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch | £116.15 | € 156.81 |
| FFPRM250CB | Hydraulic motor FFPRM250CB, 249,8 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch | £114.40 | € 154.45 |
| FFPRM250CD | Hydraulic motor FFPRM250CD, 249,8 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch | £109.53 | € 147.87 |
| FFPRM250COD | Hydraulic motor FFPRM250COD, 251,1 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS | £119.97 | € 161.96 |
| FFPRM250SHD | Hydraulic motor FFPRM250SHD, 249,8 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch | £119.97 | € 161.96 |
| FFPRM315CB | Hydraulic motor FFPRM315CB, 315,7 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch | £118.41 | € 159.86 |
| FFPRM315CD | Hydraulic motor FFPRM315CD, 315,7 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch | £111.29 | € 150.24 |
| FFPRM315COD | Hydraulic motor FFPRM315COD, 315,7 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, G 1/2 inch | £121.89 | € 164.56 |
| FFPRM315SHD | Hydraulic motor FFPRM315SHD, 315,7 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch | £121.89 | € 164.56 |
| FFPRM400CB | Hydraulic motor FFPRM400CB, 396,5 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch | £123.64 | € 166.91 |
| FFPRM400CD | Hydraulic motor FFPRM400CD, 396,5 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch | £116.08 | € 156.71 |
| FFPRM400COD | Hydraulic motor FFPRM400COD, 396,5 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, G 1/2 inch | £127.14 | € 171.63 |
| FFPRM400SHD | Hydraulic motor FFPRM400SHD, 396,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch | £127.14 | € 171.63 |
| FFPRM50CB | Hydraulic motor FFPRM50CB, 51,2 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch | £98.36 | € 132.78 |
| FFPRM50CD | Hydraulic motor FFPRM50CD, 51,2 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch | £89.80 | € 121.23 |
| FFPRM50COD | Hydraulic motor FFPRM50COD, 51,2 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, G 1/2 inch | £98.36 | € 132.78 |
| FFPRM50SHD | Hydraulic motor FFPRM50SHD, 51,2 ccm/REV, splined shaft SAE6B, 2-hole SAE A, HPS, G 1/2 inch | £98.36 | € 132.78 |
| FFPRM80CB | Hydraulic motor FFPRM80CB, 80,5 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch | £102.00 | € 137.69 |
| FFPRM80CD | Hydraulic motor FFPRM80CD, 80,5 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch | £96.31 | € 130.02 |
| FFPRM80COD | Hydraulic motor FFPRM80COD, 80,5 ccm/REV, shaft 25,4mm (1 inch), 2-hole SAE A, G 1/2 inch | £105.48 | € 142.41 |
| FFPRM80SHD | Hydraulic motor FFPRM80SHD, 80,5 ccm/REV, splined shaft SAE6B, 2-hole SAE A, HPS, G 1/2 inch | £105.48 | € 142.41 |
| FFPRMF100CB | Hydraulic motor FFPRMF100CB, 100,8 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch | £115.04 | € 155.31 |
| FFPRMF125CB | Hydraulic motor FFPRMF125CB, 125,1 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch | £117.18 | € 158.19 |
| FFPRMF160CB | Hydraulic motor FFPRMF160CB, 159,4 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch | £120.41 | € 162.55 |
| FFPRMF200CB | Hydraulic motor FFPRMF200CB, 199,6 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch | £124.74 | € 168.40 |
| FFPRMF250CB | Hydraulic motor FFPRMF250CB, 249,8 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch | £128.88 | € 173.99 |
| FFPRMF250CD | Hydraulic motor FFPRMF250CD, 249,8 ccm/REV, shaft 25mm, 4-hole SAE A, HPS, G 1/2 inch | £132.68 | € 179.12 |
| FFPRMF315CB | Hydraulic motor FFPRMF315CB, 315,7 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch | £130.96 | € 176.81 |
| FFPRMF400CB | Hydraulic motor FFPRMF400CB, 396,5 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch | £136.66 | € 184.49 |
| FFPRMF80CB | Hydraulic motor FFPRMF80CB, 80,5 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch | £113.13 | € 152.72 |
| FFPRMF80CD | Hydraulic motor FFPRMF80CD, 80,5 ccm/REV, shaft 25mm, 4-hole SAE A, HPS, G 1/2 inch | £114.66 | € 154.79 |
| FFPRMN100CB | Hydraulic motor FFPRMN100CB, 100,8 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch | £120.33 | € 162.44 |
| FFPRMN100CD | Hydraulic motor FFPRMN100CD, 100,8 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch | £124.12 | € 167.57 |
| FFPRMN125CB | Hydraulic motor FFPRMN125CB, 125,1 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch | £122.50 | € 165.38 |
| FFPRMN125CD | Hydraulic motor FFPRMN125CD, 125,1 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch | £122.50 | € 165.38 |
| FFPRMN160CB | Hydraulic motor FFPRMN160CB, 159,4 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch | £125.70 | € 169.70 |
| FFPRMN160CD | Hydraulic motor FFPRMN160CD, 159,4 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch | £125.70 | € 169.70 |
| FFPRMN200CB | Hydraulic motor FFPRMN200CB, 199,6 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch | £130.04 | € 175.56 |
| FFPRMN200CD | Hydraulic motor FFPRMN200CD, 199,6 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch | £133.82 | € 180.66 |
| FFPRMN250CB | Hydraulic motor FFPRMN250CB, 249,8 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch | £134.19 | € 181.15 |
| FFPRMN250CD | Hydraulic motor FFPRMN250CD, 249,8 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch | £137.96 | € 186.25 |
| FFPRMN315CB | Hydraulic motor FFPRMN315CB, 315,7 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch | £136.29 | € 183.99 |
| FFPRMN315CD | Hydraulic motor FFPRMN315CD, 315,7 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch | £139.27 | € 188.01 |
| FFPRMN400CB | Hydraulic motor FFPRMN400CB, 396,5 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch | £141.97 | € 191.66 |
| FFPRMN400CD | Hydraulic motor FFPRMN400CD, 396,5 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch | £145.76 | € 196.77 |
| FFPRMN50CB | Hydraulic motor FFPRMN50CB, 51,2 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch | £114.48 | € 154.55 |
| FFPRMN50CD | Hydraulic motor FFPRMN50CD, 51,2 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch | £118.26 | € 159.66 |
| FFPRMN80CB | Hydraulic motor FFPRMN80CB, 80,5 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch | £122.23 | € 165.01 |
| FFPRMN80CD | Hydraulic motor FFPRMN80CD, 80,5 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch | £112.21 | € 151.48 |
| FFPRMSN50COD | Hydraulic motor FFPRMSN50COD, 51,2 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, 7/8 UNF, NB | £118.67 | € 160.21 |

# HYDRAULIC MOTOR SERIES FFPMH

www.flowfitonline.com
TECH. DATA SHEET
FHM04





The FFPMH motor provides high performance and high efficiency. Disk valve type with geroler. Low starting torque and high efficiency. Optimized for small spaces.Internal check valve. Usage without drain line possible. Tapered roller bearing for high radial load.

The anti-rust coating colour is phosphatizing coat. Phosphate coating is used for increased corrosion protection, and improved friction properties. This is applied to threaded parts and top coated with oil to add anti-galling and rust inhibiting characteristics. Its Colour is, dark grey / black.

- Spool valve type with geroler
- Low starting torque and high efficiency
- Flange mount
- Internal check valve
- Other special features possble

| TYPE | | FFPMH 200 | FFPMH 250 | FFPMH 315 | FFPMH 400 | FFPMH 500 |
|---|---|---|---|---|---|---|
| Displacement [ce/REV] | | 203.2 | 255.9 | 316.1 | 406.4 | 489.2 |
| Max. Speed [RPM] | Cont | 366 | 290 | 236 | 183 | 155 |
| | Int.(1) | 439 | 348 | 282 | 220 | 166 |
| Max. Torque [daNm] | Cont. | 51 | 62.1 | 74 | 85 | 83 |
| | Int.(1) | 57.9 | 70.2 | 82.7 | 99 | 104 |
| | Peak (2) | 65.1 | 79 | 98 | 109.2 | 117 |
| Max. Output Power [kW] | Cont | 11.2 | 9.2 | 9.8 | 7.4 | 6.5 |
| | Int.(1) | 17 | 15 | 13 | 13 | 11 |
| Max. Pressure Drop [bar] | Cont. | 175 | 175 | 175 | 155 | 125 |
| | Int.(1) | 200 | 200 | 200 | 190 | 160 |
| | Peak (2) | 225 | 225 | 225 | 210 | 180 |
| Max. Oil flow [l/min] | Cont | 75 | 75 | 75 | 75 | 75 |
| | Int.(1) | 90 | 90 | 90 | 90 | 90 |
| Max. Input Pressure [bar] | Cont. | 200 | 200 | 200 | 200 | 200 |
| | Int.(1) | 225 | 225 | 225 | 225 | 225 |
| | Peak (2) | 250 | 250 | 250 | 250 | 250 |
| Max. return pressure with drain line [bar] | Cont | 175 | 175 | 175 | 175 | 175 |
| | Int.(1) | 200 | 200 | 200 | 200 | 200 |
| | Peak (2) | 225 | 225 | 225 | 225 | 225 |
| Weight [kg] | | 10.5 | 11 | 11.5 | 12.3 | 13 |

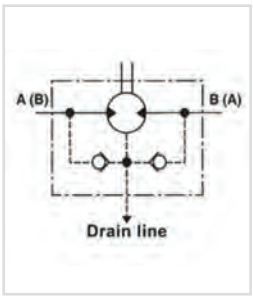
(1) Intermittend operation rating applies to 6 sec. of every minute (2) Peak load rating applies to 0,6 sec of every minute

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPMH125C | Hydraulic motor FFPMH125C, 124,9 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange | £158.31 | € 213.71 |
| FFPMH125CB | Hydraulic motor FFPMH125CB, 124,9 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange | £158.31 | € 213.71 |
| FFPMH160C | Hydraulic motor FFPMH160C, 157,2 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange | £158.31 | € 213.71 |
| FFPMH160CB | Hydraulic motor FFPMH160CB, 157,2 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange | £158.31 | € 213.71 |
| FFPMH200C | Hydraulic motor FFPMH200C, 203,2 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange | £160.21 | € 216.28 |
| FFPMH200CB | Hydraulic motor FFPMH200CB, 203,2 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange | £160.21 | € 216.28 |
| FFPMH250C | Hydraulic motor FFPMH250C, 255,9 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange | £163.87 | € 221.22 |
| FFPMH250CB | Hydraulic motor FFPMH250CB, 255,9 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange | £163.87 | € 221.22 |
| FFPMH315C | Hydraulic motor FFPMH315C, 316,1 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange | £169.13 | € 228.32 |
| FFPMH315CB | Hydraulic motor FFPMH315CB, 316,1 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange | £169.13 | € 228.32 |
| FFPMH315K | Hydraulic motor FFPMH315K, 316,1 ccm/REV, conic shaft 1:10, G 1/2 inch, magneto mounting flange | £172.14 | € 232.39 |
| FFPMH400C | Hydraulic motor FFPMH400C, 406,4 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange | £175.73 | € 237.23 |
| FFPMH400CB | Hydraulic motor FFPMH400CB, 406,4 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange | £175.73 | € 237.23 |
| FFPMH500C | Hydraulic motor FFPMH500C, 489,2 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange | £186.32 | € 251.53 |
| FFPMH500CB | Hydraulic motor FFPMH500CB, 489,2 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange | £0.00 | € 0.00 |
| FFPMH630C | Hydraulic motor FFPMH630C, 612,4 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange | £0.00 | € 0.00 |
| FFPMH630CB | Hydraulic motor FFPMH630CB, 612,4 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange | £0.00 | € 0.00 |

# HYDRAULIC MOTOR SERIES FFPMS

www.flowfitonline.com
TECH. DATA SHEET
FHM05






The FFPMS motor provides high performance and high efficiency.

The anti-rust coating colour is phosphatizing coat. Phosphate coating is used for increased corrosion protection, and improved friction properties. This is applied to threaded parts and top coated with oil to add anti-galling and rust inhibiting characteristics. Its Colour is, dark grey / black.

The Flowfit FFPMS fully interchanges with the Sauer Danfoss OMS range and all other leading brands.

- Disk valve type with geroler
- Low starting torque and high efficiency
- Optimized for small spaces
- Internal check valve
- Usage without drain line possible
- Tapered roller bearing for high radial load

| TYPE | | FFPMS 80 | FFPMS 100 | FFPMS 125 | FFPMS 160 | FFPMS 200 | FFPMS 250 | FFPMS 315 | FFPMS 400 |
|---|---|---|---|---|---|---|---|---|---|
| Displacement [cm3/REV] | | 80.6 | 100.8 | 125 | 154 | 194 | 243 | 311 | 397 |
| Max. Speed [RPM] | Cont. | 800 | 748 | 600 | 470 | 375 | 300 | 240 | 187 |
| | Int.(1) | 988 | 900 | 720 | 560 | 450 | 360 | 280 | 230 |
| Max. Torque [daNm] | Cont. | 19 | 24 | 31 | 31.6 | 40 | 45 | 56 | 58 |
| | Int.(1) | 24 | 30 | 37 | 43 | 46.6 | 54 | 65.8 | 69 |
| | Peak (2) | 26 | 32 | 40 | 47.2 | 65 | 69 | 74 | 85 |
| Max. Output Power [kW] | Cont. | 15.9 | 18.8 | 19.5 | 15.6 | 15.7 | 14.1 | 14.1 | 10 |
| | Int.(1) | 20.1 | 23.5 | 23.2 | 21.2 | 18.3 | 17 | 18.9 | 13 |
| Max. Pressure Drop [bar] | Cont. | 175 | 175 | 175 | 150 | 140 | 125 | 120 | 100 |
| | Int.(1) | 210 | 210 | 210 | 210 | 160 | 160 | 140 | 120 |
| | Peak (2) | 225 | 225 | 225 | 225 | 225 | 200 | 185 | 140 |
| Max. Oil flow [l/min] | Cont | 65 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| | Int.(1) | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| Max. Input Pressure [bar] | Cont. | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| | Int.(3) | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| Weight [kg] | | 9.8 | 10 | 10.3 | 10.7 | 11.1 | 11.6 | 12.3 | 13.2 |

(1) Intermittend operation rating applies to 6 sec. of every minute (2) Peak load rating applies to 0,6 sec of every minute

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPMS100C | Hydraulic motor FFPMS100C, 99,8 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch | £174.59 | € 235.70 |
| FFPMS100C25 | Hydraulic motor FFPMS100C25, 99,8 ccm/REV, shaft 25mm, 4-hole flange, G 1/2 inch | £174.59 | € 235.70 |
| FFPMS100SB | Hydraulic motor FFPMS100SB, 99,8 ccm/REV, splined 1 1/4" 12/24 D.Pitch, 30°, Z/T = 14, | £178.39 | € 240.83 |
| FFPMS100SH | Hydraulic motor FFPMS100SH, 99,8 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch | £178.39 | € 240.83 |
| FFPMS100SL | Hydraulic motor FFPMS100SL, 99,8 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch | £182.16 | € 245.93 |
| FFMS125C | Hydraulic motor FFPMS125C, 125,2 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch | £176.60 | € 238.41 |
| FFPMS125C25 | Hydraulic motor FFPMS125C25, 125,2 ccm/REV, 25mm Welle, G 1/2 inch | £176.60 | € 238.41 |
| FFPMS125SH | Hydraulic motor FFPMS125SH, 125,2 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch | £180.37 | € 243.51 |
| FFPMS125SL | Hydraulic motor FFPMS125SL, 125,2 ccm/REV, P.T.O. shaft 1 3/8"", G 1/2 inch | £184.16 | € 248.62 |
| FFPMS160C | Hydraulic motor FFPMS160C, 159,5 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch | £176.60 | € 238.41 |
| FFPMS160S | Hydraulic motor FFPMS160SH, 159,5 ccm/REV, splined SAE 6B, G 1/2 inch | £178.70 | € 241.24 |
| FFPMS160SH | Hydraulic motor FFPMS160SH, 159,5 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch | £182.48 | € 246.34 |
| FFPMS160SL | Hydraulic motor FFPMS160SL, 159,5 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch | £186.26 | € 251.45 |
| FFPMS200C | Hydraulic motor FFPMS200C, 200 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch | £180.86 | € 244.17 |

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPMS200C25 | Hydraulic motor FFPMS200C25, 99,8 ccm/REV, shaft 25mm, 4-hole flange, G 1/2 inch | £180.86 | € 244.17 |
| FFPMS200S | Hydraulic motor FFPMS200S, 200,0 ccm/REV, splined SAE 6B, G 1/2 inch | £180.86 | € 244.17 |
| FFPMS200SH | Hydraulic motor FFPMS200SH, 200,0 ccm/REV, splined 31,75, 4-hole flange, G 1/2 inch | £183.58 | € 247.84 |
| FFPMS200SL | Hydraulic motor FFPMS200SL, 200,0 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch" | £183.58 | € 247.84 |
| FFPMS250C | Hydraulic motor FFPMS250C, 252,3 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch | £188.25 | € 254.15 |
| FFPMS250K | Hydraulic motor FFPMS250K, 252,3 cm3/U, conic shaft 1:10, Ø 35, 4-hole SAE A flange, G1/2 inch | £191.28 | € 258.23 |
| FFPMS250SH | Hydraulic motor FFPMS250SH, 252,3 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch | £192.06 | € 259.28 |
| FFPMS250SL | Hydraulic motor FFPMS250SL, 252,3 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch | £195.83 | € 264.37 |
| FFPMS315C | Hydraulic motor FFPMS315C, 315,1 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch | £202.66 | € 273.59 |
| FFPMS315K | Hydraulic motor FFPMS315K, 315,1 cm3/U, conic shaft 1:10, Ø 35, 4-hole SAE A flange, G1/2 inch | £205.70 | € 277.69 |
| FFPMS315SBU | Hydraulic motor FFPMS315SBU, 315,1 ccm/REV, splined 1 1/4" 12/24 D.Pitch, 30°, Z/T = 14, 7/8-14UNF | £202.66 | € 273.59 |
| FFPMS315SH | Hydraulic motor FFPMS315SH, 315,1 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch | £206.44 | € 278.70 |
| FFPMS315SL | Hydraulic motor FFPMS315SL, 315,1 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch | £210.23 | € 283.81 |
| FFPMS400C | Hydraulic motor FFPMS400C, 397 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch | £217.43 | € 293.52 |
| FFPMS400C25 | Hydraulic motor FFPMS400C25, 397,0 ccm/REV, shaft 25mm, 4-hole flange, G 1/2 inch | £217.43 | € 293.52 |
| FFPMS400S | Hydraulic motor FFPMS400S, 397 ccm/REV, SAE 6B shaft 1 3/8"", G 1/2 inch | £217.43 | € 293.52 |
| FFPMS400SH | Hydraulic motor FFPMS400SH, 397 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch | £221.22 | € 298.65 |
| FFPMS400SL | Hydraulic motor FFPMS400SL, 397 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch | £224.99 | € 303.73 |
| FFPMS80C | Hydraulic motor FFPMS80C, 80,8 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch | £172.66 | € 233.10 |
| FFPMS80SH | Hydraulic motor FFPMS80SH, 80,8 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch | £176.45 | € 238.20 |
| FFPMS80SL | Hydraulic motor FFPMS80SL, 80,8 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch | £180.24 | € 243.32 |
| FFPMSA100C | Hydraulic motor FFPMSA100C, 98,6 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch | £174.59 | € 235.70 |
| FFPMSA100C25 | Hydraulic motor FFPMSA100C25, 99,8 ccm/REV, shaft 25mm, 2-hole flange SAE A, G 1/2 inch | £174.59 | € 235.70 |
| FFPMSA125C | Hydraulic motor FFPMSA125C, 125,2 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch | £176.60 | € 238.41 |
| FFPMSA125C25 | Hydraulic motor FFPMSA125C25, 125,2 ccm/REV, shaft 25mm, 2-hole flange SAE A, G 1/2 inch | £176.60 | € 238.41 |
| FFPMSA160C | Hydraulic motor FFPMSA160C, 159,5 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch | £178.70 | € 241.24 |
| FFPMSA160C25 | Hydraulic motor FFPMSA160C25, 159,5 ccm/REV, shaft 25mm, 2-hole flange SAE A, G 1/2 inch | £178.70 | € 241.24 |
| FFPMSA200C | Hydraulic motor FFPMSA200C, 201,2 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch | £180.06 | € 243.08 |
| FFPMSA200C25 | Hydraulic motor FFPMSA200C25, 200 ccm/REV, shaft 25mm, 2-hole flange SAE A, G 1/2 inch | £180.06 | € 243.08 |
| FFPMSA250C | Hydraulic motor FFPMSA250C, 252,3 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch | £188.25 | € 254.15 |
| FFPMSA250C25 | Hydraulic motor FFPMSA250C25, 252,3 ccm/REV, shaft 25mm, 2-hole flange, G 1/2 inch | £188.25 | € 254.15 |
| FFPMSA315C25 | Hydraulic motor FFPMSA315C25, 315,1 ccm/REV, shaft 25mm, 2-hole flange, G 1/2 inch | £202.66 | € 273.59 |
| FFPMSA315KA | Hydraulic motor FFPMSA315KA, 315,1 ccm/REV, tapered shaft 1:8, 2-hole flange SAE A, G 1/2 inch | £205.70 | € 277.69 |
| FFPMSA400S | Hydraulic motor FFPMSA400S, 397,0 ccm/REV, splined SAE6B, Z/T = 6 | £217.43 | € 293.52 |
| FFPMSA400SBU | Hydraulic motor FFPMSA400SBU, 397,0 ccm/REV, splined 1 1/4" 12/24 D.Pitch, 30°, Z/T = 14, 7/8-14UNF | £217.43 | € 293.52 |
| FFPMSA80C | Hydraulic motor FFPMSA80C, 99,8 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch | £172.66 | € 233.10 |
| FFPMSA80C25 | Hydraulic motor FFPMSA80C25, 99,8 ccm/REV, shaft 25mm, 2-hole flange SAE A, G 1/2 inch | £172.66 | € 233.10 |
| FFPMSF100C | Hydraulic motor FFPMSF100C, 99,8 ccm/REV, shaft 32mm, 4-hole magneto flange SAE A, G 1/2 inch | £174.59 | € 235.70 |
| FFPMSF125C | Hydraulic motor FFPMSF125C, 125,2 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch | £176.60 | € 238.41 |
| FFPMSF160C | Hydraulic motor FFPMSF160C, 159,5 ccm/REV, shaft 32mm, 4-hole Magneto flange SAE A, G 1/2 inch | £178.70 | € 241.24 |
| FFPMSF200C | Hydraulic motor FFPMSF200C, 200 ccm/REV, shaft 32mm, 4-hole magneto flange, G 1/2 inch | £180.06 | € 243.08 |
| FFPMSF200C25 | Hydraulic motor FFPMSF200C25, 200,0 ccm/REV, shaft 25mm, 4-hole magneto flange, G 1/2 inch | £180.86 | € 244.17 |
| FFPMSF315C | Hydraulic motor FFPMSF315C, 316,8 ccm/REV, shaft 32mm, 4-hole magneto flange, G 1/2 inch | £202.66 | € 273.59 |
| FFPMSF315C25 | Hydraulic motor FFPMSF315C25, 315,8 ccm/REV, shaft 25mm, 4-hole magneto flange, G 1/2 inch | £202.66 | € 273.59 |
| FFPMSF315SH | Hydraulic motor FFPMSF315SH, 315,1 ccm/REV, splined shaft Ø31,75, 4-hole magneto flange, G 1/2 inch | £206.45 | € 278.72 |
| FFPMSS100 | Hydraulic motor Short FFPMSS100, 99,8 ccm/REV, G 1/2 inch | £159.45 | € 215.25 |
| FFPMSS125 | Hydraulic motor Short FFPMSS125, 125,2 ccm/REV, G 1/2 inch | £161.46 | € 217.97 |
| FFPMSS160 | Hydraulic motor Short FFPMSS160, 159,5 ccm/REV, G 1/2 inch | £163.56 | € 220.81 |
| FFPMSS200 | Hydraulic motor Short FFPMSS200, 200 ccm/REV, G 1/2 inch | £165.74 | € 223.74 |
| FFPMSS250 | Hydraulic motor Short FFPMSS250, 252,2 ccm/REV, G 1/2 inch | £173.13 | € 233.73 |
| FFPMSS315 | Hydraulic motor Short FFPMSS315, 315,1 ccm/REV, G 1/2 inch | £187.52 | € 253.15 |

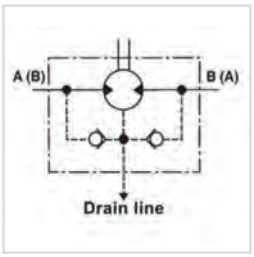
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPMSS400 | Hydraulic motor Short FFPMSS400, 397,0 ccm/REV, G 1/2 inch | £202.29 | € 273.10 |
| FFPMSS80 | Hydraulic motor Short FFPMSS80, 80,8 ccm/REV, G 1/2 inch | £157.53 | € 212.65 |
| FFPMSU125 | Hydraulic motor Ultra-Short FFPMSU125, 125,2 ccm/REV, G 1/2 inch | £161.46 | € 217.97 |
| FFPMSU160 | Hydraulic motor Ultra-Short FFPMSU160, 159,5 ccm/REV, G 1/2 inch | £163.57 | € 220.82 |
| FFPMSU200 | Hydraulic motor Ultra-Short FFPMSU200, 200 ccm/REV, G 1/2 inch | £165.74 | € 223.74 |
| FFPMSU250 | Hydraulic motor Ultra-Short FFPMSU250, 252,3 ccm/REV, G 1/2 inch | £173.13 | € 233.73 |
| FFPMSU315 | Hydraulic motor Ultra-Short FFPMSU315, 315,1 ccm/REV, G 1/2 inch | £187.54 | € 253.18 |
| FFPMSU400 | Hydraulic motor Ultra-Short FFPMSU400, 397,0 ccm/REV, G 1/2 inch | £202.29 | € 273.10 |
| FFPMSW100C | Hydraulic motor FFPMSW100C, 99,8 ccm/REV, cyl. shaft 32mm, wheel flange, G 1/2 inch, | £180.20 | € 243.26 |
| FFPMSW100K | Hydraulic motor FFPMSW100K, 99,8 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch, | £183.21 | € 247.33 |
| FFPMSW125C | Hydraulic motor FFPMSW125C, 125,2 ccm/REV, cyl. shaft 32mm, wheel flange, G 1/2 inch, | £182.19 | € 245.96 |
| FFPMSW125K | Hydraulic motor FFPMSW125K, 125,2 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch, | £185.22 | € 250.04 |
| FFPMSW160C | Hydraulic motor FFPMSW160C, 159,5 ccm/REV, cyl. shaft 32mm, wheel flange, , G 1/2 inch | £184.29 | € 248.79 |
| FFPMSW160K | Hydraulic motor FFPMSW160K, 159,5 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch, | £187.32 | € 252.87 |
| FFPMSW200C | Hydraulic motor FFPMSW200C, 200,0 ccm/REV, cyl. shaft 32mm, wheel flange, , G 1/2 inch | £186.46 | € 251.73 |
| FFPMSW200K | Hydraulic motor FFPMSW200K, 200,0 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch, | £189.48 | € 255.80 |
| FFPMSW250C | Hydraulic motor FFPMSW250C, 252,3 ccm/REV, cyl. shaft 32mm, wheel flange, , G 1/2 inch | £193.86 | € 261.71 |
| FFPMSW250K | Hydraulic motor FFPMSW250K, 252,3 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch, | £196.87 | € 265.78 |
| FFPMSW315C | Hydraulic motor FFPMSW315C, 315,1 ccm/REV, cyl. shaft 32mm, wheel flange, , G 1/2 inch | £208.26 | € 281.15 |
| FFPMSW315K | Hydraulic motor FFPMSW315K, 315,1 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch, | £211.28 | € 285.22 |
| FFPMSW315KA | Hydraulic motor FFPMSW315K, 315,1 ccm/REV, conical shaft 1:8, wheel flange, G 1/2 inch, | £211.28 | € 285.22 |
| FFPMSW400C | Hydraulic motor FFPMSW400C, 397,0 ccm/REV, cyl. shaft 32mm, wheel flange, , G 1/2 inch | £223.01 | € 301.07 |
| FFPMSW400K | Hydraulic motor FFPMSW400K, 397,0 ccm/REV, tapered shaft 1:10, wheel flange, G 1/2 inch | £226.05 | € 305.16 |
| FFPMSW80C | Hydraulic motor FFPMSW80C, 80,8 ccm/REV, cyl. Shaft 32mm, wheel flange, , G 1/2 inch | £178.26 | € 240.66 |
| FFPMSW80K | Hydraulic motor FFPMSW80K, 80,8 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch, | £181.28 | € 244.73 |

# HYDRAULIC MOTOR SERIES FFPMSY

www.flowfitonline.com
TECH. DATA SHEET
FHM06






- Reinforced version
- Disk valve type with geroler
- Low starting torque and high efficiency
- Designed for higher pressure
- Internal check valve
- Usage without drain line possible
- Tapered roller bearing for high radial load

| TYPE | | FFPMSY 160 | FFPMSY 200 | FFPMSY 250 | FFPMSY 315 | FFPMSY 400 | FFPMSY 475 |
|---|---|---|---|---|---|---|---|
| Displacement [cm;/REV] | | 154 | 194 | 243 | 311 | 394 | 475 |
| Max. Speed [RPM] | Cont. | 470 | 375 | 300 | 240 | 185 | 155 |
| | Int.(1) | 560 | 450 | 360 | 280 | 225 | 185 |
| Max. Torque [daNm] | Cont. | 48.5 | 58.6 | 70.8 | 88 | 88 | 91 |
| | Int.(1) | 54 | 64.5 | 80.6 | 96 | 96 | 96 |
| Max. Output Power [kW] | Cont. | 18.1 | 18.1 | 18 | 17 | 11 | 9 |
| | Int.(1) | 25 | 24 | 23.8 | 20.2 | 12 | 11 |
| Max. Pressure Drop [bar] | Cont. | 210 | 210 | 200 | 200 | 160 | 140 |
| | Int.(1) | 225 | 225 | 225 | 225 | 175 | 150 |
| | Peak (2) | 225 | 225 | 225 | 225 | 200 | 175 |
| Max. Oil flow [l/min] | Cont | 75 | 75 | 75 | 75 | 75 | 75 |
| | Int.(1) | 90 | 90 | 90 | 90 | 90 | 90 |
| Max. Input Pressure [bar] | Cont. | 250 | 250 | 250 | 250 | 250 | 250 |
| | Int.(1) | 300 | 300 | 300 | 300 | 300 | 300 |
| Weight [kg] | | 10.7 | 11.1 | 11.6 | 12.3 | 13.2 | 14.3 |

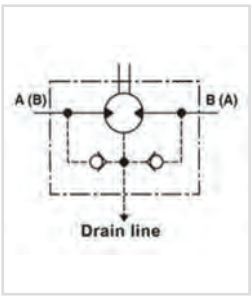
(1) Intermittend operation rating applies to 6 sec. of every minute
(2) Peak load rating applies to 0,6 sec of every minute

## PRICES FOR MOTOR SERIES FFPMSY ON APPLICATION

# HYDRAULIC MOTOR SERIES FFPMT

www.flowfitonline.com
TECH. DATA SHEET
FHM07






The FFPMT motor provides high performance and high efficiency.

The anti-rust coating colour is phosphatizing coat. Phosphate coating is used for increased corrosion protection, and improved friction properties. This is applied to threaded parts and top coated with oil to add anti-galling and rust inhibiting characteristics. Its Colour is, dark grey / black.

The Flowfit FFPMT hydraulic motor fully interchanges with the Sauer Danfoss OMT range and all other leading brands.

- Disk valve type with geroler
- Low starting torque and high efficiency
- Optimized for small spaces
- Internal check valve
- Usage without drain line possible
- Tapered roller bearing for high radial load

| TYPE | | FFPMT 160 | FFPMT 200 | FFPMT 250 | FFPMT 315 | FFPMT 400 | FFPMT 500 | FFPMT 630 | FFPMT 800 |
|---|---|---|---|---|---|---|---|---|---|
| Displacement [cm'/REV] | | 161.1 | 201.4 | 251.8 | 326.3 | 410.9 | 523.6 | 629.1 | 801.8 |
| Max. Speed [RPM] | Cont. | 625 | 625 | 500 | 380 | 305 | 240 | 196 | 154 |
| | Int.(1) | 780 | 750 | 600 | 460 | 365 | 285 | 233 | 185 |
| Max. Torque [daNm] | Cont. | 47 | 59 | 73 | 95 | 108 | 122 | 131.8 | 146.4 |
| | Int.(1) | 56 | 71 | 88 | 114 | 126 | 137 | 149.8 | 152 |
| | Peak (2) | 66.9 | 83.8 | 103.6 | 134.6 | 145 | 164.4 | 161.9 | 166.5 |
| "Max. Output Power [kW]" | Cont. | 27.7 | 34.9 | 34.5 | 34.9 | 31.2 | 28.8 | 25.3 | 22.2 |
| | Int.(1) | 32 | 40 | 40 | 40 | 35 | 35 | 27.5 | 26.8 |
| Max. Pressure Drop [bar] | Cont. | 200 | 200 | 200 | 200 | 180 | 160 | 140 | 125 |
| | Int.(1) | 240 | 240 | 240 | 240 | 210 | 180 | 160 | 130 |
| | Peak(2) | 280 | 280 | 280 | 280 | 240 | 210 | 190 | 160 |
| "Max. Oil flow [Immil]" | Cont. | 80 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | Int.(1) | 125 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| Max. Input Pressure [bar] | Cont. | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 |
| | Int.(2) | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| Weight [kg] | | 19.5 | 20 | 20.5 | 21 | 22 | 23 | 24 | 25 |

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPMT160C | Hydraulic motor FFPMT160C, 160 ccm/REV, shaft 40mm, 4-hole flange | £328.46 | € 443.43 |
| FFPMT160SH | Hydraulic motor FFPMT160SH, 160 CCM/REV, SPLINED SHAFT 1 1/2", 4-hole flange | £332.93 | € 449.45 |
| FFPMT160SL | Hydraulic motor FFPMT160SL, 160,0 cm3/U, 6-34,85mm P.T.O. Splined, 4-hole flange | £336.53 | € 454.31 |
| FFPMT200C | Hydraulic motor FFPMT200C,200 ccm/REV, shaft 40mm, 4-hole flange | £329.38 | € 444.67 |
| FFPMT200K | Hydraulic motor FFPMT200K,200 ccm/REV, tapered shaft 1:10, 4-hole flange | £336.24 | € 453.91 |
| FFPMT200SH | Hydraulic motor FFPMT200SH, 200,0 ccm/REV, splined shaft 1 1/2", 4-hole flange | £333.17 | € 449.78 |
| FFPMT200SL | Hydraulic motor FFPMT200SL, 200 ccm/REV, PTO shaft, 4-hole flange | £337.46 | € 455.57 |
| FFPMT250C | Hydraulic motor FFPMT250C,250 ccm/REV, shaft 40mm, 4-hole flange | £334.88 | € 452.08 |
| FFPMT250SH | Hydraulic motor FFPMT250SH, 250,4 ccm/REV, splined shaft 1 1/2", 4-hole flange | £338.67 | € 457.21 |
| FFPMT250SL | Hydraulic motor FFPMT250SL, 250,4 ccm/REV, PTO shaft, 4-hole flange | £342.93 | € 462.96 |
| FFPMT315C | Hydraulic motor FFPMT315C, 319,5 ccm/REV, shaft 40mm, 4-hole flange | £338.93 | € 457.55 |
| FFPMT315SH | Hydraulic motor FFPMT315SH, 319,5 ccm/REV, splined shaft 1 1/2", 4-hole flange | £342.71 | € 462.65 |
| FFPMT315SL | Hydraulic motor FFPMT315SL, 319,5 ccm/REV, PTO shaft, 4-hole flange | £346.98 | € 468.43 |
| FFPMT400C | Hydraulic motor FFPMT400C, 401,8 ccm/REV, shaft 40mm, 4-hole flange | £352.06 | € 475.29 |
| FFPMT400K | Hydraulic motor FFPMT400K, 401,8 ccm/REV, tapered shaft 1:10, 4-hole flange | £358.92 | € 484.53 |
| FFPMT400SH | Hydraulic motor FFPMT400SH, 410,9 ccm/REV, splined shaft 1 1/2", 4-hole flange | £355.85 | € 480.39 |

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPMT500C | Hydraulic motor FFPMT500C, 523,5 ccm/REV, shaft 40mm, 4-hole flange | £378.31 | € 510.72 |
| FFPMT500K | Hydraulic motor FFPMT500K, 523,5 ccm/REV, tap. shaft 1:10, 4-hole flange | £385.24 | € 520.06 |
| FFPMT500SH | Hydraulic motor FFPMT500SH, 523,5 ccm/REV, splined shaft 1 1/2", 4-hole flange | £382.11 | € 515.85 |
| FFPMT800C | Hydraulic motor FFPMT800C, 801 ccm/REV, shaft 40mm, 4-hole flange | £398.48 | € 537.95 |
| FFPMTC400C | Hydraulic motor FFPMT400C, 401,8 ccm/REV, Welle 40mm, 4-hole SAE-C flange | £352.06 | € 475.29 |
| FFPMTC400SH | Hydraulic motor FFPMT400SH, 401,8 ccm/REV, splined shaft 1 1/2", 4-hole SAE-C flange | £355.85 | € 480.39 |
| FFPMTS160 | Hydraulic motor Short FFPMTS160, 160,0 cm3/U | £308.77 | € 416.85 |
| FFPMTS200 | Hydraulic motor Short FFPMTS200, 200,0 cm3/U | £309.70 | € 418.09 |
| FFPMTS250 | Hydraulic motor Short FFPMTS250, 250,4 cm3/U | £450.09 | € 607.62 |
| FFPMTS315 | Hydraulic motor Short FFPMTS315, 319,5 cm3/U | £319.26 | € 431.00 |
| FFPMTS400 | Hydraulic motor Short FFPMTS400, 401,8 cm3/U | £332.38 | € 448.71 |
| FFPMTS500 | Hydraulic motor Short FFPMTS500, 523,5 cm3/U | £358.66 | € 484.20 |
| FFPMTW160C | Hydraulic motor FFPMTW160C, 160,0 ccm/REV, 40mm shaft, wheelflange | £346.64 | € 467.96 |
| FFPMTW160K | Hydraulic motor FFPMTW160K, 160,0 ccm/REV, conical shaft 1:10, wheelflange | £353.48 | € 477.20 |
| FFPMTW200C | Hydraulic motor FFPMTW200C, 200,0 ccm/REV, 40mm shaft cyl., wheelflange | £347.55 | € 469.21 |
| FFPMTW200K | Hydraulic motor FFPMTW200K, 200,0 ccm/REV, conical shaft 1:10, wheelflange | £354.41 | € 478.45 |
| FFPMTW200SH | Hydraulic motor FFPMTW200SH, 200,0 ccm/REV, splined shaft 1 1/2", wheelflange | £351.35 | € 474.31 |
| FFPMTW250C | Hydraulic motor FFPMTW250C,250 ccm/REV, shaft 40mm, wheelflange | £353.05 | € 476.61 |
| FFPMTW250K | Hydraulic motor FFPMTW250K, 250,4 ccm/REV, conical shaft 1:10, wheelflange | £359.89 | € 485.85 |
| FFPMTW250SH | Hydraulic motor FFPMTW250SH,250 ccm/REV,splined shaft, wheelflange | £356.82 | € 481.71 |
| FFPMTW315C | Hydraulic motor FFPMTW315C, 319,5 ccm/REV, 40mm shaft, wheelflange | £357.10 | € 482.08 |
| FFPMTW315K | Hydraulic motor FFPMTW315K, 319,5 ccm/REV, conical shaft 1:10, wheelflange | £363.95 | € 491.32 |
| FFPMTW400C | Hydraulic motor FFPMTW400C, 401,8 ccm/REV, cyl. shaft 40mm, wheelflange | £370.23 | € 499.82 |
| FFPMTW400K | Hydraulic motor FFPMTW400K, 401,8 ccm/REV, conical shaft 1:10, wheelflange | £377.09 | € 509.07 |
| FFPMTW500C | Hydraulic motor FFPMTW500C, 523,5 ccm/REV, 40mm shaft, wheelflange | £396.49 | € 535.26 |
| FFPMTW500K | Hydraulic motor FFPMTW500K, 523,5 ccm/REV, conical shaft 1:10, wheelflange | £403.34 | € 544.51 |
| FFPMTW800C | Hydraulic motor FFPMTW800C, 801 ccm/REV, 40mm shaft, wheelflange | £415.30 | € 560.66 |
| FFPMTW800K | Hydraulic motor FFPMTW800K, 801 ccm/REV, conical shaft 1:10, wheelflange | £422.14 | € 569.89 |

# HYDRAULIC MOTOR SERIES FFPMV

www.flowfitonline.com
TECH. DATA SHEET
FHM08



The FFPMV motor provides high performance and high efficiency.

The Flowfit FFPMV hydraulic motor fully interchanges with the Sauer Danfoss OMV range and all other leading brands.

The anti-rust coating colour is phosphatizing coat. Phosphate coating is used for increased corrosion protection, and improved friction properties. This is applied to threaded parts and top coated with oil to add anti-galling and rust inhibiting characteristics. Its Colour is, dark grey / black.

- Disk valve type with geroler
- Low starting torque and high efficiency
- Internal check valve
- Usage without drain line possible
- Tapered roller bearing for high radial load
- High torque for ambitious applications

| TYPE | | FFPMV 315 | FFPMV 400 | FFPMV 500 | FFPMV 630 | FFPMV 800 | FFPMV 1000 |
|---|---|---|---|---|---|---|---|
| Displacement [ce /REV] | | 333 | 419 | 518 | 666 | 801 | 990 |
| Max. Speed [RPM] | Cont. | 510 | 500 | 400 | 320 | 250 | 200 |
| | Int.(1) | 630 | 600 | 480 | 380 | 300 | 240 |
| Max. Torque [daNm] | Cont. | 920 | 1180 | 1460 | 1660 | 1880 | 2015 |
| | Int.(1) | 1110 | 1410 | 1760 | 1940 | 2110 | 2280 |
| | Peak (2) | 1290 | 1640 | 2050 | 2210 | 2470 | 2400 |
| Max. Output Power [kW] | Cont. | 38 | 47 | 47 | 40 | 33 | 180 |
| | Int.(1) | 46 | 56 | 56 | 56 | 44 | 40 |
| Max. Pressure Drop [bar] | Cont. | 200 | 200 | 200 | 180 | 160 | 140 |
| | Int.(1) | 240 | 240 | 240 | 210 | 180 | 160 |
| | Peak (2) | 280 | 280 | 280 | 240 | 210 | 180 |
| Max. Oil flow [l/min] | Cont | 160 | 200 | 200 | 200 | 200 | 200 |
| | Int.(1) | 200 | 240 | 240 | 240 | 240 | 240 |
| Max. Input Pressure [bar] | Cont. | 210 | 210 | 210 | 210 | 210 | 210 |
| | Int.(1) | 250 | 250 | 250 | 250 | 250 | 250 |
| | Peak (2) | 300 | 300 | 300 | 300 | 300 | 300 |
| Weight [kg] | | 31.8 | 32.6 | 33.5 | 34.9 | 36.5 | 38.6 |

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FFPMV315C | Hydraulic motor FFPMV315C, 333 ccm/REV, cyl. shaft 50mm, 4-hole flange | £380.52 | € 513.69 |
| FFPMV315SH | Hydraulic motor FFPMV315SH, 333 ccm/REV, splined shaft, 4-hole flange | £387.67 | € 523.36 |
| FFPMV400C | Hydraulic motor FFPMV400C, 419 ccm/REV, cyl. shaft 50mm, 4-hole flange | £395.98 | € 534.58 |
| FFPMV500C | Hydraulic motor FFPMV500C, 518 ccm/REV, cyl. shaft 50mm, 4-hole flange | £419.13 | € 565.82 |
| FFPMV630C | Hydraulic motor FFPMV630C, 666 ccm/REV, cyl. shaft 50mm, 4-hole flange | £438.84 | € 592.42 |
| FFPMV800C | Hydraulic motor FFPMV800C, 801 ccm/REV, cyl. shaft 50mm, 4-hole flange | £492.11 | € 664.35 |
| FFPMV800K | Hydraulic motor FFPMV800K, 801 ccm/REV, conical shaft 1:10, 4-hole flange | £501.03 | € 676.39 |
| FFPMVW400K | Hydraulic motor FFPMVW400K, 419 ccm/REV, con. shaft 1:10, wheel flange | £433.57 | € 585.31 |
| FFPMVW500K | Hydraulic motor FFPMVW500K, 518 ccm/REV, con. shaft 1:10, wheel flange | £456.70 | € 616.54 |
| FFPMVW630C | Hydraulic motor FFPMVW630C, 666 ccm/REV, con. shaft 50mm, wheel flange | £467.49 | € 631.11 |
| FFPMVW630K | Hydraulic motor FFPMVW630K, 666 ccm/REV, con. shaft 1:10, wheel flange | £476.41 | € 643.15 |
| FFPMVW800C | Hydraulic motor FFPMVW800C, 801 ccm/REV, cyl. shaft 50mm, wheel flange | £520.77 | € 703.04 |
| FFPMVW800K | Hydraulic motor FFPMVW800K, 801 ccm/REV, conical shaft 1:10, wheel-flange | £529.68 | € 715.07 |

# HYDRAULIC MOTOR SERIES

## Calculation of hydraulic motors

### Calculation of wheel drives:

*1. Motor speed n of wheel drive:*

$$n = \frac{2{,}65 \cdot v_{km} \cdot i}{R_m}$$

$v_{km}$ = Vehicle speed [km/h]
$R_m$ = Wheel rolling radius [m]
i = Gear ratio between motor and wheels, if there's no gearbox use i=1

*2. Rolling resistance R, [daN]*

*The resistance force resulted in wheels contact with different surfaces:*

$$R = G \cdot \varphi$$

G = Total weight of vehicle [daN]
φ = Rolling resistance coefficient (s. below)

| Rolling resistance coefficient in case of rubber tire rolling on different surfaces | |
|---|---|
| **Surface** | **φ** |
| Concrete - faultless - | 0.010 |
| Concrete - good - | 0.015 |
| Concrete - bad - | 0.020 |
| Asphalt - faultless - | 0.012 |
| Asphalt - good - | 0.017 |
| Asphalt - bad - | 0.022 |
| Macadam - faultless - | 0.015 |
| Macadam - gut - | 0.022 |
| Macadam - bad - | 0.037 |
| Snow - 5cm - | 0.025 |
| Snow 10 cm - | 0.037 |
| Mud | 0.037 - 0.150 |
| Sand- gravel | 0.060 - 0.150 |
| Sand, loose | 0.160 - 0.300 |

*3. Grade resistance $G_R$, daN*

$$G_R = G \cdot (\sin \alpha + \rho \cdot \cos \alpha)$$

α = gradient negotiation angle (see below table)

| Grade [%] | α degrees | Grade [%] | α degrees |
|---|---|---|---|
| 1 | 0°35′ | 12 | 6°5′ |
| 2 | 1°9′ | 15 | 8°31′ |
| 5 | 2°51′ | 20 | 11°19′ |
| 6 | 3°26′ | 25 | 14°3′ |
| 8 | 4°35′ | 32 | 18° |
| 10 | 5°43′ | 60 | 31° |

*4. Accelerate force FA [daN]*

*Force FA necessary for acceleration from 0 to maximum speed v and time t can be calculated with::*

$$FA = \frac{v_{km} \cdot G}{3{,}6 \cdot t} [daN]$$

FA = Acceleration force [daN]
t = Time [s]

*Additional there are tractive efforts possible, e.g. if you use an additional trailor.*

*5. Total tractive effort $F_{ges}$ [daN]*

*The neccessary total tractive effort $F_{ges}$ of the vehicle is calculated with the sum of single forces (point 2. - 4.). It is also necessary to consider 10% for safety reasons (e.g. for air resistance).*

$$F_{ges} = 1{,}1 \cdot (R + G_R + FA)$$

R = Rolling resistance [daN]
$G_R$ = Grade resistance [daN]
FA = Acceleration force [daN]

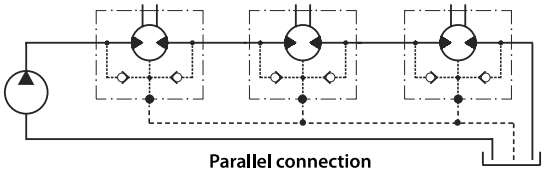
*6. Motordrehmoment $M_M$*

*Necessary torque for every hydraulic motor can be calculated with:*

$$M_M = \frac{F_{Ges} \cdot R_m}{N \cdot i \cdot \eta_M}$$

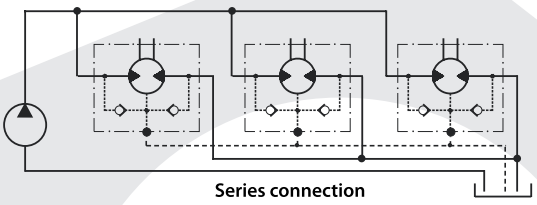
N = Number of motors
$\eta_M$ = Mechanical gear efficiency (if it is available)

*7. Connection of hydraulic motors*



Parallel connection

*We are allways advise to connect the drain port because the cooling and the lifetime of the motors is much better.*



Series connection

## HYDRAULIC MOTORS

# WHITE DRIVE MOTORS


| PRODUCT | PAGE |
|---|---|
| WHITES WM SERIES HYDRAULIC MOTOR | 207 |
| WHITES WP SERIES HYDRAULIC MOTOR | 209 |
| WHITES WR SERIES HYDRAULIC MOTOR | 210 |
| WHITES DT SERIES HYDRAULIC MOTOR | 211 |
| WHITES RE SERIES HYDRAULIC MOTOR | 211 |
| WHITES WS SERIES HYDRAULIC MOTOR | 211 |








QUALITY PRODUCTS

FREE ADVICE

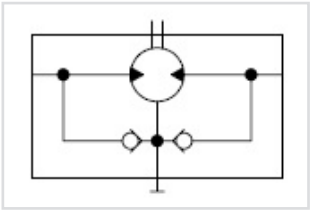
FLOWFIT
FREE SYSTEM EVALUATION
Send us your requirements and we will do the rest

# WHITES WM SERIES HYDRAULIC MOTOR 8,4CC 16MM SHAFT G 3/8" REAR PORTS, 3 HOLE ROUND MOUNT

WHITE DRIVE PRODUCTS

www.flowfitonline.com
TECH. DATA SHEET
WDM01





The WM product line with spool valve design is an economical motor with enhanced rotor technology. Intended of light-duty applications, the WM series offers many advantages such as compact size, high speed, medium torque and extreme low weight. The WM series motors are used primarily in the mobile, industrial and agricultural markets.

**Features:**

Built-in check valves offer versatility and increased seal life.

Bolt-on mounting flange relates to easy serviceability.

Spool valve design gives superior performance and smooth operation over a wide speed and torque range.

Enhanced rotor design provides smooth performance, compact volume and low weight.

**Typical Applications:**

Agriculture equipment, conveyors, carwashes, sweepers, food processing, grain augers, spreaders, feed rollers, augers, brush drives and more.

## SPECIFICATIONS

| CODE | Displacement $cm^3$ [$in^3$/rev] | Max. Speed rpm | | Max. Flow lpm [gpm] | | Max. Torque Nm [lb-in] | | Max. Pressure bar [psi] | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | cont. | inter. | cont. | inter. | cont. | inter. | cont. | inter. | peak |
| 008 | 8.4 [0.5] | 1864 | 2293 | 16 [4] | 20 [5] | 11 [97] | 14 [124] | 100 [1450] | 140 [2030] | 200 [2900] |
| 012 | 13.1 [0.8] | 1521 | 1871 | 20 [5] | 25 [7] | 17 [150] | 22 [195] | 100 [1450] | 140 [2030] | 200 [2900] |
| 020 | 20.1 [1.2] | 989 | 1229 | 20 [5] | 25 [7] | 26 [230] | 34 [301] | 100 [1450] | 140 [2030] | 200 [2900] |
| 032 | 31.8 [1.9] | 622 | 767 | 20 [5] | 25 [7] | 40 [354] | 55 [487] | 100 [1450] | 140 [2030] | 160 [2320] |
| 040 | 40.2 [2.5] | 495 | 620 | 20 [5] | 25 [7] | 49 [434] | 64 [566] | 100 [1450] | 140 [2030] | 160 [2320] |

► Performance data is typical. Performance of production units varies slightly from one motor to another. Running at intermittent ratings should not exceed 10% of every minute of operation.

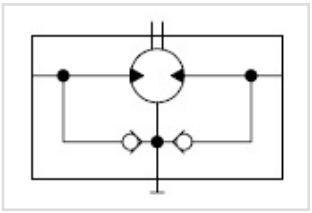
| PRODUCT NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| WM125012M BC4BAAAA | Whites WM Series hydraulic motor 13,1cc 16mm shaft G 3/8" Rear Ports,3 Hole Round Mount | £73.73 | € 99.54 |
| WM125020M BC4BAAAA | Whites WM Series hydraulic motor 20,1cc 16mm shaft G3/8" Rear Ports,3 Hole Round Mount | £75.14 | € 101.43 |
| WM125032M BC4BAAAA | Whites WM Series hydraulic motor 31,8cc 16mm shaft G3/8" Rear Ports,3 Hole Round Mount | £76.53 | € 103.32 |
| WM125040M BC4BAAAA | Whites WM Series hydraulic motor 40,2cc 16mm shaft G 3/8" Rear Ports,3 Hole Round Mount | £86.03 | € 116.15 |
| WM125050M BC4BAAAA | Whites WM Series hydraulic motor 50,3cc 16mm shaft G 3/8" Rear Ports,3 Hole Round Mount | £102.21 | € 137.98 |
| WM125008M BC4BAAAA | Whites WM Series hydraulic motor 8,4cc 16mm shaft G 3/8" Rear Ports,3 Hole Round Mount | £71.43 | € 96.43 |

# WHITES WM SERIES HYDRAULIC MOTOR 8,4CC 16MM SHAFT G 3/8" SIDE PORTS, 3 HOLE ROUND MOUNT

WHITE DRIVE PRODUCTS

www.flowfitonline.com
TECH. DATA SHEET
WDM01





The WM product line with spool valve design is an economical motor with enhanced rotor technology. Intended of light-duty applications, the WM series offers many advantages such as compact size, high speed, medium torque and extreme low weight. The WM series motors are used primarily in the mobile, industrial and agricultural markets.

**Features:**

Built-in check valves offer versatility and increased seal life.

Bolt-on mounting flange relates to easy serviceability.

Spool valve design gives superior performance and smooth operation over a wide speed and torque range.

Enhanced rotor design provides smooth performance, compact volume and low weight.

**Typical Applications:**

Agriculture equipment, conveyors, carwashes, sweepers, food processing, grain augers, spreaders, feed rollers, augers, brush drives and more.

## SPECIFICATIONS

| CODE | Displacement $cm^3$ [$in^3$/rev] | Max. Speed rpm | | Max. Flow lpm [gpm] | | Max. Torque Nm [lb-in] | | Max. Pressure bar [psi] | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | cont. | inter. | cont. | inter. | cont. | inter. | cont. | inter. | peak |
| 008 | 8.4 [0.5] | 1864 | 2293 | 16 [4] | 20 [5] | 11 [97] | 14 [124] | 100 [1450] | 140 [2030] | 200 [2900] |
| 012 | 13.1 [0.8] | 1521 | 1871 | 20 [5] | 25 [7] | 17 [150] | 22 [195] | 100 [1450] | 140 [2030] | 200 [2900] |
| 020 | 20.1 [1.2] | 989 | 1229 | 20 [5] | 25 [7] | 26 [230] | 34 [301] | 100 [1450] | 140 [2030] | 200 [2900] |
| 032 | 31.8 [1.9] | 622 | 767 | 20 [5] | 25 [7] | 40 [354] | 55 [487] | 100 [1450] | 140 [2030] | 160 [2320] |
| 040 | 40.2 [2.5] | 495 | 620 | 20 [5] | 25 [7] | 49 [434] | 64 [566] | 100 [1450] | 140 [2030] | 160 [2320] |

► Performance data is typical. Performance of production units varies slightly from one motor to another. Running at intermittent ratings should not exceed 10% of every minute of operation.

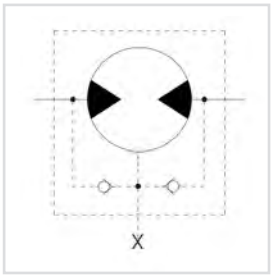
| PRODUCT NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| WM125012K BC4BAAAA | Whites WM Series hydraulic motor 13,1cc 16mm shaft G 3/8" Side Ports,3 Hole Round Mount | £73.73 | € 99.54 |
| WM125020K BC4BAAAA | Whites WM Series hydraulic motor 20,1cc 16mm shaft G 3/8" Side Ports,3 Hole Round Mount | £75.14 | € 101.43 |
| WM125032K BC4BAAAA | Whites WM Series hydraulic motor 31,8cc 16mm shaft G 3/8" Side Ports,3 Hole Round Mount | £76.53 | € 103.32 |
| WM125040K BC4BAAAA | Whites WM Series hydraulic motor 40,2cc 16mm shaft G 3/8" Side Ports,3 Hole Round Mount | £86.03 | € 116.15 |
| WM125050K BC4BAAAA | Whites WM Series hydraulic motor 50,3cc 16mm shaft G 3/8" Side Ports,3 Hole Round Mount | £102.21 | € 137.98 |
| WM125008K BC4BAAAA | Whites WM Series hydraulic motor 8,4cc 16mm shaft G 3/8" Side Ports,3 Hole Round Mount | £71.43 | € 96.43 |

# WHITES WP SERIES HYDRAULIC MOTOR 25CC 25MM SHAFT 2-HOLE SAE A MOUNT C/W 1/2" OFFSET MANIFOLD PORTS

WHITE DRIVE PRODUCTS

www.flowfitonline.com
TECH. DATA SHEET
WDM02






The WP motor series is an economical alternative to more complex geroler designs that still provides high efficiency across a wide performance range. These motors are intended for light-duty applications requiring high torque in a compact package and are suitable for industrial and mobile applications including car wash brushes, food processing equipment, conveyors, machine tools, agricultural equipment, sweepers, skid steer attachments and more

**Features:**

Built-in check valves offer versatility and increased seal life.

A variety of mounts and shafts provide flexibility in application design

Spool valve design gives superior performance and smooth operation over a wide speed and torque range.

Standard high pressure shaft seals offer superior seal life and performance

**Typical Applications:**

Agriculture equipment, conveyors, carwashes, sweepers, food processing, grain augers, spreaders, feed rollers, augers, brush drives and more.

## SPECIFICATIONS

| CODE | Displacement $cm^3$ [$in^3$/rev] | Max. Speed rpm | | Max. Flow lpm [gpm] | | Max. Torque Nm [lb-in] | | Max. Pressure bar [psi] | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | cont. | inter. | cont. | inter. | cont. | inter. | cont. | inter. | peak |
| 025 | 25 [1.5] | 1570 | 1687 | 40 [11] | 45 [12] | 35 [310] | 48 [425] | 100 [1450] | 140 [2030] | 225 [3260] |
| 032 | 32 [2.0] | 1550 | 1674 | 50 [13] | 55 [15] | 45 [398] | 57 [504] | 100 [1450] | 140 [2030] | 225 [3260] |
| 040 | 40 [2.5] | 1471 | 1670 | 60 [16] | 70 [19] | 65 [575] | 74 [655] | 100 [1450] | 140 [2030] | 225 [3260] |
| 050 | 50 [3.0] | 1208 | 1500 | 60 [16] | 75 [20] | 91 [805] | 108 [956] | 140 [2030] | 175 [2540] | 240 [3480] |
| 060 | 59 [3.6] | 1185 | 1271 | 60 [16] | 75 [20] | 125 [1106] | 136 [1204] | 160 [2320] | 175 [2540] | 240 [3480] |
| 080 | 78 [4.8] | 896 | 960 | 60 [16] | 75 [20] | 164 [1451] | 183 [1620] | 160 [2320] | 175 [2540] | 240 [3480] |
| 100 | 96 [5.9] | 728 | 780 | 60 [16] | 75 [20] | 195 [1726] | 213 [1885] | 160 [2320] | 175 [2540] | 240 [3480] |
| 125 | 125 [7.6] | 559 | 599 | 60 [16] | 75 [20] | 258 [2285] | 278 [2460] | 160 [2320] | 175 [2540] | 240 [3480] |
| 160 | 154 [9.4] | 452 | 483 | 60 [16] | 75 [20] | 321 [2840] | 362 [3205] | 160 [2320] | 175 [2540] | 240 [3480] |
| 200 | 190 [11.6] | 367 | 385 | 60 [16] | 75 [20] | 380 [3365] | 420 [3720] | 150 [2180] | 175 [2540] | 240 [3480] |
| 250 | 240 [14.6] | 291 | 312 | 60 [16] | 75 [20] | 445 [3940] | 557 [4930] | 140 [2030] | 175 [2540] | 240 [3480] |
| 315 | 303 [18.5] | 228 | 245 | 60 [16] | 75 [20] | 460 [4071] | 602 [5330] | 120 [1740] | 160 [2320] | 200 [2900] |
| 400 | 388 [23.7] | 155 | 189 | 60 [16] | 75 [20] | 488 [4320] | 625 [5532] | 95 [1380] | 125 [1810] | 180 [2610] |

▶ Performance data is typical. Performance of production units varies slightly from one motor to another. Running at intermittent ratings should not exceed 10% of every minute of operation.

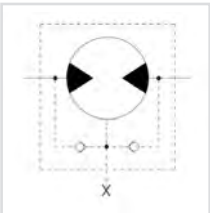
| PRODUCT NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| WP155250A6312BAAAA | Whites WP Series hydraulic motor 240cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £112.51 | € 151.89 |
| WP155125A6312BAAAA | Whites WP Series hydraulic motor 125cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £105.90 | € 142.97 |
| WP155160A6312BAAAA | Whites WP Series hydraulic motor 154cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £107.04 | € 144.50 |
| WP155200A6312BAAAA | Whites WP Series hydraulic motor 190cc 25mm shaft 2-hole SAE A mount c/w 1/2"offset manifold ports | £110.20 | € 148.77 |
| WP155025A6312BAAAA | Whites WP Series hydraulic motor 25cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £97.61 | € 131.78 |
| WP155315A6312BAAAA | Whites WP Series hydraulic motor 303cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £119.79 | € 161.72 |
| WP155032A6312BAAAA | Whites WP Series hydraulic motor 32cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £99.57 | € 134.42 |
| WP155400A6312BAAAA | Whites WP Series hydraulic motor 388cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £129.39 | € 174.68 |
| WP155040A6312BAAAA | Whites WP Series hydraulic motor 40cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £101.33 | € 136.78 |
| WP155045A6312BAAAA | Whites WP Series hydraulic motor 50cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £102.92 | € 138.94 |
| WP155060A6312BAAAA | Whites WP Series hydraulic motor 59cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £103.40 | € 139.59 |
| WP155080A6312BAAAA | Whites WP Series hydraulic motor 78cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £104.25 | € 140.73 |
| WP155100A6312BAAAA | Whites WP Series hydraulic motor 96cc 25mm shaft 2-hole SAE A mount c/w 1/2" offset manifold ports | £104.91 | € 141.62 |

# WHITES WR SERIES HYDRAULIC MOTOR 40CC 25MM SHAFT 2-HOLE SAE A MOUNT C/W 1/2" OFFSET MANIFOLD PORTS

WHITE DRIVE PRODUCTS

www.flowfitonline.com
TECH. DATA SHEET
WDM03






The WR motor series incorporates the latest advances for smooth performance, efficiency and durability. It features an optimized Roller Stator® geometry with seven precision rollers to eliminate sliding friction and provide rolling contact between the rotor and stator. This increases motor efficiency. A three-zone spool valve, integral check valves and a provision for a case drain reduce pressure on internal seals to improve product life. A wide variety of mounting, shaft, motor displacement and porting options are available to meet all application needs.

**Features:**

A variety of mounts and shafts provides flexibility in application.

A high pressure shaft seal offers superior seal life and performance

The spool valve design gives superior performance and smooth operation over a wide speed and torque range.

Built-in check valves (not shown) in the housing offer versatility and increased seal life.

Optimized Roller Stator® geometry provides a smooth running high efficient product.

**Typical Applications:**

Conveyors, carwashes, positioners, light-duty wheel drives, sweepers, food processing, grain augers, spreaders, feed rollers, screw drives, brush drives and more.

## SPECIFICATIONS

| CODE | Displacement $cm^3$ [$in^3$/rev] | Max. Speed rpm | | Max. Flow lpm [gpm] | | Max. Torque Nm [lb-in] | | Max. Pressure bar [psi] | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | cont. | inter. | cont. | inter. | cont. | inter. | cont. | inter. | peak |
| 040 | 40 [2.5] | 1116 | 1515 | 45 [12] | 61 [16] | 93 [823] | 123 [1088] | 155 [2250] | 207 [3000] | 224 [3250] |
| 050 | 50 [3.1] | 1058 | 1220 | 53 [14] | 61 [16] | 111 [982] | 149 [1319] | 155 [2250] | 207 [3000] | 224 [3250] |
| 060 | 59 [3.6] | 890 | 1142 | 53 [14] | 68 [18] | 138 [1221] | 172 [1522] | 155 [2250] | 207 [3000] | 224 [3250] |
| 070 | 71 [4.3] | 865 | 1078 | 61 [16] | 76 [20] | 176 [1558] | 207 [1832] | 172 [2500] | 207 [3000] | 241 [3500] |
| 080 | 79 [4.9] | 759 | 957 | 61 [16] | 76 [20] | 202 [1788] | 243 [2150] | 172 [2500] | 207 [3000] | 241 [3500] |
| 090 | 88 [5.4] | 691 | 864 | 61 [16] | 76 [20] | 222 [1965] | 263 [2327] | 172 [2500] | 207 [3000] | 241 [3500] |
| 100 | 100 [6.1] | 610 | 760 | 61 [16] | 76 [20] | 246 [2177] | 289 [2558] | 172 [2500] | 207 [3000] | 241 [3500] |
| 115 | 113 [6.9] | 539 | 672 | 61 [16] | 76 [20] | 284 [2513] | 327 [2894] | 172 [2500] | 207 [3000] | 241 [3500] |
| 130 | 129 [7.9] | 472 | 588 | 61 [16] | 76 [20] | 316 [2797] | 375 [3319] | 172 [2500] | 207 [3000] | 241 [3500] |
| 160 | 160 [9.8] | 379 | 469 | 61 [16] | 76 [20] | 400 [3540] | 454 [4018] | 172 [2500] | 207 [3000] | 241 [3500] |
| 200 | 198 [12.1] | 308 | 384 | 61 [16] | 76 [20] | 462 [4088] | 544 [4814] | 172 [2500] | 207 [3000] | 241 [3500] |
| 240 | 236 [14.4] | 249 | 315 | 61 [16] | 76 [20] | 548 [4850] | 642 [5682] | 172 [2500] | 207 [3000] | 224 [3250] |
| 250 | 250 [15.3] | 250 | 300 | 61 [16] | 76 [20] | 561 [4965] | 624 [5522] | 172 [2500] | 207 [3000] | 224 [3250] |
| 290 | 291 [17.8] | 210 | 256 | 61 [16] | 76 [20] | 526 [4655] | 664 [5876] | 138 [2000] | 190 [2750] | 207 [3000] |
| 320 | 322 [19.6] | 188 | 235 | 61 [16] | 76 [20] | 518 [4584] | 690 [6106] | 121 [1750] | 172 [2500] | 190 [2750] |
| 400 | 400 [24.4] | 152 | 190 | 61 [16] | 76 [20] | 551 [4873] | 698 [6177] | 104 [1500] | 138 [2000] | 155 [2250] |

► Performance data is typical. Performance of production units varies slightly from one motor to another. Running at intermittent ratings should not exceed 10% of every minute of operation.

| PRODUCT NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| WR255100A6312BAAAA | Whites WR Series hydraulic motor 100cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £122.95 | € 165.99 |
| WR255115A6312BAAAA | Whites WR Series hydraulic motor 113cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £122.95 | € 165.99 |
| WR255130A6312BAAAA | Whites WR Series hydraulic motor 129cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £125.25 | € 169.08 |
| WR255160A6312BAAAA | Whites WR Series hydraulic motor 160cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £127.55 | € 172.20 |
| WR255200A6312BAAAA | Whites WR Series hydraulic motor 198cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £133.30 | € 179.96 |
| WR255240A6312BAAAA | Whites WR Series hydraulic motor 236cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £139.06 | € 187.74 |
| WR255250A6312BAAAA | Whites WR Series hydraulic motor 250cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £139.06 | € 187.74 |
| WR255290A6312BAAAA | Whites WR Series hydraulic motor 291cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £145.17 | € 195.99 |
| WR255320A6312BAAAA | Whites WR Series hydraulic motor 322cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £151.29 | € 204.24 |
| WR255400A6312BAAAA | Whites WR Series hydraulic motor 400cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £160.96 | € 217.30 |
| WR255040A6312BAAAA | Whites WR Series hydraulic motor 40cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £121.21 | € 163.64 |
| WR255050A6312BAAAA | Whites WR Series hydraulic motor 50cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £121.79 | € 164.42 |
| WR255060A6312BAAAA | Whites WR Series hydraulic motor 59cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £121.79 | € 164.42 |
| WR255070A6312BAAAA | Whites WR Series hydraulic motor 71cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £121.79 | € 164.42 |
| WR255080A6312BAAAA | Whites WR Series hydraulic motor 79cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £122.95 | € 165.99 |
| WR255090A6312BAAAA | Whites WR Series hydraulic motor 88cc 25mm shaft 2-hole SAE A Mount c/w 1/2" offset manifold ports | £122.95 | € 165.99 |

# WHITES DT SERIES HYDRAULIC MOTOR



The most amazing aspect of the DT Series motor is its huge torque potential from its relatively small size. The DT Series motor is capable of producing output torque comparable to competitive designs, but from a package that is both shorter and lighter. The savings in space and weight in no way compromises durability, as the motor uses massive shafts, bearings and drive links to transmit the torque produced by this powerful package. The use of a case drain allows reduced pressure on the shaft seal while maintaining drive-line lubrication for maximum motor life. Standard mounting and shaft options offer interchange ability with competitive designs. An internal drain option is also available.

**Features / Benefits**

- Heavy-Duty Roller Bearing supports high side loads and received forced lubrication for cooling and increased life.
- Compact Housing contributes to high power-to-weight ratio of motor and offers front and rear mounting flanges.
- Heavy-Duty Drive Link received forced lubrication for long life and is capable of extreme duty cycles.
- Roller Stator Motor available in displacements up to 2093cm3 for high torque output.
- Three-Zone Orbiting Valve precisely meters oil to produce exceptional volumetric efficiencies

**Typical Applications**

Heavy-Duty wheel drives, augers, mixers,, pumping units, conveyors, boring machines, rotators, mining equipment, forestry equipment and more and more.

# WHITES RE SERIES HYDRAULIC MOTOR



RE Series motors offer the perfect compromise between price and performance by producing work horse power at a reasonable cost. Although these motors perform well in a wide range of applications, they are especially suited for low flow, high pressure applications. During startup pressure causes the balance plate to flex toward the rotor, vastly improving volumetric efficiency. As the motor reaches operating pressure, the balance plate relaxes, allowing the rotor to turn freely which translates into higher mechanical efficiencies. Transmitting this power to the output shaft is the most durable drive link in its class. Four bearing options, combined with standard mounting flanges and output shafts, allow the motor to be configured to suit nearly any application.

**Features / Benefits**

- High pressure shaft seal offers superior seal life and performance and eliminates need for case drain.
- Three bearing options allow load carrying capability of motor to be matched to application
- Heavy-duty drive link is the most durable in its class and received full flow lubrication to provide long life.
- Value-in-rotor design provides cost effective, efficient distribution of oil and reduces overall motor length.
- Pressure-compensated balance plate improves volumetric efficiency at low flow and high pressure.

**Typical applications**

Medium-duty wheel drives, augers, mixers, win drives, swing drives, grapple heads, feed rollers, broom drives and more.

# WHITES WS SERIES HYDRAULIC MOTOR



The WS targets agricultural equipment, skid steer attachments, and other applications that require greater torque under demanding conditions. A distinguishing feature of the WS in relation to competitive products is its heavy duty drive link with a larger pitch diameter. This enables the WS to better withstand pressure and torque spikes and it reflected in its intermitted and peak performance ratings. Additional product features include a three zone commutator valve, heavy-duty tapered roller bearings, and case drain with integral internal drain. The WS offers numerous housing, displacement and shaft options to meet most common SAE and European requirements.

**Features / Benefits**

- Nine shaft and seven mounting options to meet the most common SAE and European requirements
- Heavy-duty tapered roller bearings for extra side load capacity
- Heavy-duty drive link with larger pitch diameter than competitors for greater resistance to pressure and torque spikes
- Three zone commutator valve for high flow capacity
- Standard case drain with integral internal drain for extended shaft seal

**Typical Applications**

Medium-duty wheel drives, sweepers, grain augers, spreaders, feed rollers, brush drives, mowers, harvesting equipment gear box mounts and more.

# FLOWFIT®

## SEARCHING YOUR FILTER ELEMENT WILL BE CHILD'S PLAY!




For the last **25 years** at FILTREC our passion has been to manufacture the best filter element replacements for any hydraulic application and provide them to you in the easiest possible way.

Wherever you are, the **FILTREC Cross Navigator App** allows you to find the product you need from over 60,000 available codes.

### HOW IT WORKS...

1. **DOWNLOAD CROSS NAVIGATOR FROM THE APP STORE**
2. **OPEN APP AND SIMPLY ENTER YOUR FILTER CODE INTO THE CODE BOX, SELECT THE MANUFACTURER IF KNOWN AND PRESS SEARCH**
3. **IF YOU HAVE DIGITS MISSING FROM THE START, MIDDLE OR END THEN SIMPLY USE THE SYMBOL % AS A WILDCARD WHEREVER NEEDED**

Available on the App Store

Get it on GOOGLE PLAY

Available for Windows Phone

Tel: **+44 (0)1584 876 033**
Fax: **+44 (0)1584 876 044**
Email: **sales@flowfitonline.com**

**STILL CAN'T LOCATE YOUR FILTER? THEN PLEASE CALL THE SALES TEAM ON 01584 876033**

# www.flowfitonline.com

## HYDRAULIC MOTORS

# M&S HYDRAULIC MOTORS


| PRODUCT | PAGE |
|---|---|
| M+S HYDRAULIC MOTOR SERIES EPMM | 214 |
| M+S HYDRAULIC MOTOR SERIES EPM | 215 |
| M+S HYDRAULIC MOTOR SERIES EPRM | 216 |
| M+S HYDRAULIC MOTOR SERIES EPMS | 218 |
| M+S HYDRAULIC MOTOR SERIES EPMT | 219 |
| M+S HYDRAULIC MOTOR SERIES EPMV | 220 |
| ELB BRAKES | 221 |
| HKU & HKUS STEERING UNITS | 221 |











QUALITY PRODUCTS

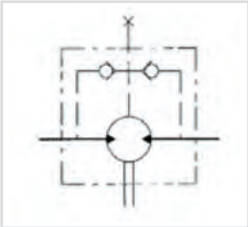
FREE ADVICE

FOR SALES & ADVICE CALL US 01584 876033

# M+S HYDRAULIC MOTOR SERIES EPMM

www.flowfitonline.com
TECH. DATA SHEET
MSM01





M+S Hydraulic motors are one of the top quality hydraulic motors available on the Worldwide market today.

Suitable for many low-speed applications, eliminating gears, shafts, chains, belts, pulleys and other speed reduction components. All motors are compact and light in weight in proportion to the torque and power delivered, all motors are fully reversible and fully interchangeable with all other brands on the market.

Use these Hydraulic Motors on machine tools, augers, drilling/tapping machines, conveyors, sweepers, fans etc. Compact size fits almost anywhere.

Interchangeable with danfoss OMM range of hydraulic motors.

2 YEARS MANUFACTURERS WARRANTY ON ALL M+S PRODUCTS

| TYPE | | EPMM 8 | EPMM 12.5 | EPMM 20 | EPMM 32 | EPMM 40 | EPMM 50 |
|---|---|---|---|---|---|---|---|
| Displacement [cm3/REV] | | 8,2 | 12,9 | 20 | 31,8 | 40 | 50 |
| Max. Speed [RPM] | Cont. | 1950 | 1550 | 1000 | 630 | 500 | 400 |
| | Int.(1) | 2440 | 1940 | 1250 | 790 | 625 | 500 |
| Max. Torque [daNm] | Cont. | 1,1 | 1,6 | 2,5 | 4,0 | 4,1 | 4,5 |
| | Int.(1) | 1,5 | 2,3 | 3,5 | 5,7 | 5,7 | 5,8 |
| | Peak (2) | 2,1 | 3,3 | 5,1 | 6,4 | 6,6 | 8 |
| Max. Output Power [kW] | Cont. | 1,8 | 2,4 | 2,4 | 2,4 | 1,8 | 1,7 |
| | Int.(1) | 2,6 | 3,2 | 3,2 | 3,2 | 3,0 | 2,1 |
| Max. Pressure Drop [bar] | Cont | 105 | 105 | 105 | 105 | 82,5 | 70 |
| | Int.(1) | 140 | 140 | 140 | 140 | 110 | 90 |
| | Peak (2) | 200 | 200 | 200 | 200 | 140 | 125 |
| Max.Oil flow [l/min] | Cont | 16 | 20 | 20 | 20 | 20 | 20 |
| | Int.(1) | 20 | 25 | 25 | 25 | 25 | 25 |
| Max. Input Pressure [bar] | Cont. | 140 | 140 | 140 | 140 | 140 | 140 |
| | Int.(1) | 175 | 175 | 175 | 175 | 175 | 175 |
| Weight [kg] | | 1.9 | 2 | 2.1 | 2.2 | 2.3 | 2.4 |

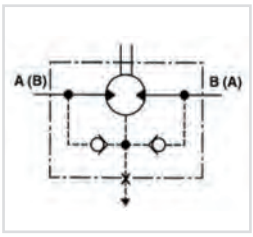
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| EPMM12,5C | Hydraulic motor EPMM12,5C, 12.9ccm/REV, shaft 16mm, G 3/8" BSP, rear ports | £144.36 | € 194.89 |
| EPMM20C | Hydraulic motor EPMM20C, 19.9ccm/REV, shaft 16mm, G 3/8" BSP, rear ports | £146.76 | € 198.13 |
| EPMM32C | Hydraulic motor EPMM32C, 31.8ccm/REV, shaft 16mm, G 3/8" BSP, rear ports | £149.27 | € 201.51 |
| EPMM40C | Hydraulic motor EPMM40C, 40ccm/REV, shaft 16mm, G 3/8" BSP, rear ports | £159.44 | € 215.24 |
| EPMM50C | Hydraulic motor EPMM50C, 50ccm/REV, shaft 16mm, G 3/8" BSP, rear ports | £178.36 | € 240.79 |
| EPMM8C | Hydraulic motor EPMM8C, 8.2ccm/REV, shaft 16mm, G 3/8" BSP, rear ports | £142.01 | € 191.71 |
| EPMM12,5CK | Hydraulic motor EPMM12,5CK, 12.9ccm/REV, shaft 14mm, G 3/8" BSP, rear ports | £144.36 | € 194.89 |
| EPMM20CK | Hydraulic motor EPMM20CK, 19.9ccm/REV, shaft 14mm, G 3/8" BSP, rear ports | £146.76 | € 198.13 |
| EPMM32CK | Hydraulic motor EPMM32CK, 31.8ccm/REV, shaft 14mm, G 3/8" BSP, rear ports | £149.27 | € 201.51 |
| EPMM40CK | Hydraulic motor EPMM40CK, 40ccm/REV, shaft 14mm, G 3/8" BSP, rear ports | £159.44 | € 215.24 |
| EPMM50CK | Hydraulic motor EPMM50CK, 50ccm/REV, shaft 14mm, G 3/8" BSP, rear ports | £178.36 | € 240.79 |
| EPMM8CK | Hydraulic motor EPMM8CK, 8.2ccm/REV, shaft 14mm, G 3/8" BSP, rear ports | £142.01 | € 191.71 |
| EPMMS12,5C | Hydraulic motor EPMM12,5C, 12.9ccm/REV, shaft 16mm, G 3/8" BSP, side ports | £144.36 | € 194.89 |
| EPMMS20C | Hydraulic motor EPMM20C, 19.9ccm/REV, shaft 16mm, G 3/8" BSP, side ports | £146.76 | € 198.13 |
| EPMMS32C | Hydraulic motor EPMM32C, 31.8ccm/REV, shaft 16mm, G 3/8" BSP, side ports | £149.27 | € 201.51 |
| EPMMS40C | Hydraulic motor EPMM40C, 40ccm/REV, shaft 16mm, G 3/8" BSP, side ports | £159.44 | € 215.24 |
| EPMMS50C | Hydraulic motor EPMM50C, 50ccm/REV, shaft 16mm, G 3/8" BSP, side ports | £178.36 | € 240.79 |
| EPMMS8C | Hydraulic motor EPMM8C, 8.2ccm/REV, shaft 16mm, G 3/8" BSP, side ports | £142.01 | € 191.71 |
| EPMMS12,5CK | Hydraulic motor EPMM12,5CK, 12.9ccm/REV, shaft 14mm, G 3/8" BSP, side ports | £144.36 | € 194.89 |
| EPMMS20CK | Hydraulic motor EPMM20CK, 19.9ccm/REV, shaft 14mm, G 3/8" BSP, side ports | £146.76 | € 198.13 |
| EPMMS32CK | Hydraulic motor EPMM32CK, 31.8ccm/REV, shaft 14mm, G 3/8" BSP, side ports | £149.27 | € 201.51 |
| EPMMS40CK | Hydraulic motor EPMM40CK, 40ccm/REV, shaft 14mm, G 3/8" BSP, side ports | £159.44 | € 215.24 |
| EPMMS50CK | Hydraulic motor EPMM50CK, 50ccm/REV, shaft 14mm, G 3/8" BSP, side ports | £178.36 | € 240.79 |
| EPMMS8CK | Hydraulic motor EPMM8CK, 8.2ccm/REV, shaft 14mm, G 3/8" BSP, side ports | £142.01 | € 191.71 |

For all other M+S prices please contact the Flowfit sales team.

# M+S HYDRAULIC MOTOR SERIES EPM

www.flowfitonline.com
TECH. DATA SHEET
MSM02






M+S Hydraulic motors are one of the top quality hydraulic motors available on the Worldwide market today.

Suitable for many low-speed applications, eliminating gears, shafts, chains, belts, pulleys and other speed reduction components. All motors are compact and light in weight in proportion to the torque and power delivered, all motors are fully reversible and fully interchangeable with all other brands on the market.

2 YEARS MANUFACTURERS WARRANTY ON ALL M+S PRODUCTS

| TYPE | | EPM 25 | EPM 32 | EPM 40 | EPM 50 | EPM 80 | EPM 100 | EPM 125 | EPM 160 | EPM 200 | EPM 250 | EPM 315 | EPM 400 | EPM 500 | EPM 630 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Displacement [cm;/REV] | | 25 | 32 | 40 | 49,5 | 79,2 | 99 | 123,8 | 158,4 | 198 | 247,5 | 316,8 | 396 | 495 | 623,6 |
| Max. Speed [RPM] | Cont | 1600 | 1560 | 1500 | 1210 | 755” | 605 | 486 | 378 | 303 | 242 | 190 | 150 | 120 | 95 |
| | Int.(3) | 1815 | 1720 | 1750 | 1515 | 945 | 755 | 605 | 472 | 378 | 303 | 236 | 189 | 150 | 120 |
| Max. Torque [daNm] | Cont. | 3,3 | 4,3 | 6,2 | 9,4 | 15,1 | 19,3 | 23,7 | 31,3 | 36,6 | 38 | 38 | 36 | 39 | 44 |
| | Int.(3) | 4,7 | 6,1 | 8,2 | 11,9 | 19,5 | 23,7 | 29,8 | 37,8 | 45,6 | 58,3 | 56 | 59 | 57 | 64 |
| | Peak (4) | 6,7 | 8,6 | 10,7 | 14,3 | 22,4 | 27,5 | 36,5 | 43,8 | 55 | 68,5 | 85 | 85,4 | 78 | 82 |
| Max. Output Power [kW] | Cont. | 4,5 | 5,8 | 8,4 | 10,1 | 10,2 | 10,5 | 10,2 | 10,1 | 10 | 7,5 | 5,8 | 4,6 | 3,5 | 3,3 |
| | Int.(3) | 6,1 | 7,8 | 11,6 | 12,2 | 12,5 | 12,8 | 12 | 12,1 | 12 | 12 | 9 | 7,8 | 7,2 | 5,6 |
| Max. Pressure Drop [bar] | Cont | 100 | 100 | 120 | 140 | 140 | 140 | 140 | 140 | 140 | 110 | 90 | 70 | 60 | 55 |
| | Int.(3) | 140 | 140 | 155 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 140 | 115 | 90 | 80 |
| | Peak (4) | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 180 | 130 | 110 |
| Max. Oil flow [l/min] | Cont | 40 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| | Int.(3) | 45 | 55 | 70 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Max. Input Pressure bar [PSI] | Cont. | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 140 | 140 |
| | Int.(3) | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 175 | 175 |
| | Peak (4) | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 |
| Max. Return Pressure [bar] | Cont | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 140 | 140 |
| | Int. | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 175 | 175 |
| | Peak | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 |
| Weight [kg] | | 5,6 | 5,6 | 5,7 | 5,8 | 5,9 | 6,1 | 6,2 | 6,4 | 6,6 | 6,8 | 7,1 | 7,6 | 8,9 | 9,5 |

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| EPM025CD | HYDRAULIC MOTOR 25CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £152.33 | € 205.65 |
| EPM032CD | HYDRAULIC MOTOR 32CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £161.18 | € 217.59 |
| EPM040CD | HYDRAULIC MOTOR 40CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £154.99 | € 209.24 |
| EPM050CD | HYDRAULIC MOTOR 50CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £156.19 | € 210.86 |
| EPM080CD | HYDRAULIC MOTOR 80CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £160.39 | € 216.53 |
| EPM100CD | HYDRAULIC MOTOR 100CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £163.19 | € 220.31 |
| EPM125CD | HYDRAULIC MOTOR 125CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £167.44 | € 226.04 |
| EPM160CD | HYDRAULIC MOTOR 160CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £171.64 | € 231.72 |
| EPM200CD | HYDRAULIC MOTOR 200CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £177.23 | € 239.26 |
| EPM250CD | HYDRAULIC MOTOR 250CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £181.42 | € 244.91 |
| EPM315CD | HYDRAULIC MOTOR 315CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £185.65 | € 250.64 |
| EPM400CD | HYDRAULIC MOTOR 400CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £192.66 | € 260.10 |
| EPM500CD | HYDRAULIC MOTOR 500CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £235.06 | € 317.34 |
| EPM630CD | HYDRAULIC MOTOR 630CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £273.75 | € 369.55 |
| EPM025COD | HYDRAULIC MOTOR 25.4CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £152.33 | € 205.65 |

Continued on next page

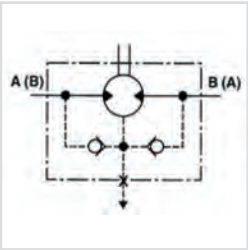
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| EPM032COD | HYDRAULIC MOTOR 32CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £161.18 | € 217.59 |
| EPM040COD | HYDRAULIC MOTOR 40CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £154.99 | € 209.24 |
| EPM050COD | HYDRAULIC MOTOR 50CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £156.19 | € 210.86 |
| EPM080COD | HYDRAULIC MOTOR 80CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £160.39 | € 216.53 |
| EPM100COD | HYDRAULIC MOTOR 100CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £163.19 | € 220.31 |
| EPM125COD | HYDRAULIC MOTOR 125.4CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £167.44 | € 226.04 |
| EPM160COD | HYDRAULIC MOTOR 160CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £171.64 | € 231.72 |
| EPM200COD | HYDRAULIC MOTOR 200CCM/REV, 25.4.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £177.23 | € 239.26 |
| EPM250COD | HYDRAULIC MOTOR 25.40CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £181.42 | € 244.91 |
| EPM315COD | HYDRAULIC MOTOR 315CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £185.65 | € 250.64 |
| EPM400COD | HYDRAULIC MOTOR 400CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £192.66 | € 260.10 |
| EPM500COD | HYDRAULIC MOTOR 500CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £235.06 | € 317.34 |
| EPM630COD | HYDRAULIC MOTOR 630CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS | £273.75 | € 369.55 |

For all other M+S prices please contact the Flowfit sales team.

# M+S HYDRAULIC MOTOR SERIES EPRM

www.flowfitonline.com
TECH. DATA SHEET
MSM03






M+S Hydraulic motors are one of the top quality hydraulic motors available on the Worldwide market today.

Suitable for many low-speed applications, eliminating gears, shafts, chains, belts, pulleys and other speed reduction components. All motors are compact and light in weight in proportion to the torque and power delivered, all motors are fully reversible and fully interchangeable with all other brands on the market.

Interchangeable with Danfoss OMR range of hydraulic motors.

2 YEARS MANUFACTURERS WARRANTY ON ALL M+S PRODUCTS

| TYPE | | EPRM 50 | EPRM 80 | EPRM 100 | EPRM 125 | EPRM 160 | EPRM 200 | EPRM 250 | EPRM 315 | EPRM 400 |
|---|---|---|---|---|---|---|---|---|---|---|
| Displacement [cm3/REV] | | 51,5 | 80,3 | 99,8 | 125,7 | 159,6 | 199,8 | 250,1 | 315,7 | 397 |
| Max. Speed [RPM] | Cont. | 775 | 750 | 600 | 475 | 375 | 300 | 240 | 190 | 150 |
| | Int.(3) | 970 | 940 | 750 | 600 | 470 | 375 | 300 | 240 | 190 |
| Max. Torque [daNm] | Cont. | 10 | 20 | 24 | 30 | 39 | 38,5 | 39 | 36 | 38 |
| | Int.(3) | 13 | 22 | 28 | 34 | 43 | 46 | 47 | 47 | 47 |
| | Peak (4) | 17 | 27 | 32 | 37 | 46 | 56 | 60 | 61 | 61 |
| "Max. Output Power [kW]" | Cont. | 7 | 12,5 | 13 | 12,5 | 11,5 | 9 | 8 | 5 | 4,8 |
| | Int.(3) | 8,5 | 15 | 15 | 14,5 | 14 | 12 | 9,5 | 8 | 6,8 |
| Max. Pressure Drop [bar] | Cont. | 140 | 175 | 175 | 175 | 175 | 140 | 110 | 85 | 65 |
| | Int.(3) | 175 | 200 | 200 | 200 | 200 | 175 | 140 | 115 | 90 |
| | Peak (4) | 225 | 225 | 225 | 225 | 225 | 225 | 200 | 150 | 115 |
| Max. Oil flow [l/min] | Cont | 40 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| | Int.(3) | 50 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Max. Input Pressure [bar] | Cont. | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| | Int.(3) | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| | Peak (4) | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 |
| Weight [kg] | | 6,8 | 6,9 | 7,2 | 7,3 | 7,5 | 8 | 8,4 | 9,1 | 9,8 |

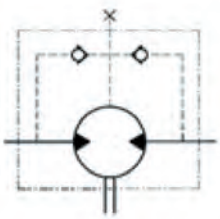
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| EPRM050CD | HYDRAULIC MOTOR 50CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £211.52 | € 285.55 |
| EPRM080CD | HYDRAULIC MOTOR 80CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £217.29 | € 293.34 |
| EPRM100CD | HYDRAULIC MOTOR 100CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £221.12 | € 298.51 |
| EPRM125CD | HYDRAULIC MOTOR 125CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £226.95 | € 306.39 |
| EPRM160CD | HYDRAULIC MOTOR 160CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £221.08 | € 298.46 |
| EPRM200CD | HYDRAULIC MOTOR 200CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £240.07 | € 324.10 |
| EPRM250CD | HYDRAULIC MOTOR 250CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £246.20 | € 332.37 |
| EPRM315CD | HYDRAULIC MOTOR 315CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £252.12 | € 340.35 |
| EPRM400CD | HYDRAULIC MOTOR 400CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS | £261.62 | € 353.18 |
| EPRM050COD | HYDRAULIC MOTOR 50CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS | £211.52 | € 285.55 |
| EPRM080COD | HYDRAULIC MOTOR 80CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS | £217.29 | € 293.34 |
| EPRM100COD | HYDRAULIC MOTOR 100CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS | £221.12 | € 298.51 |
| EPRM125COD | HYDRAULIC MOTOR 125CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS | £226.95 | € 306.39 |
| EPRM160COD | HYDRAULIC MOTOR 160CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS | £221.08 | € 298.46 |
| EPRM200COD | HYDRAULIC MOTOR 200CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS | £240.07 | € 324.10 |
| EPRM250COD | HYDRAULIC MOTOR 250CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS | £246.20 | € 332.37 |
| EPRM315COD | HYDRAULIC MOTOR 315CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS | £252.12 | € 340.35 |
| EPRM400COD | HYDRAULIC MOTOR 400CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS | £261.62 | € 353.18 |

For all other M+S prices please contact the Flowfit sales team.

# M+S HYDRAULIC MOTOR SERIES EPMS

www.flowfitonline.com
TECH. DATA SHEET
MSM04





M+S Hydraulic motors are one of the top quality hydraulic motors available on the Worldwide market today.

Suitable for many low-speed applications, eliminating gears, shafts, chains, belts, pulleys and other speed reduction components. All motors are compact and light in weight in proportion to the torque and power delivered, all motors are fully reversible and fully interchangeable with all other brands on the market.

Interchangeable with Danfoss OMS range of Hydraulic Motors

2 YEARS MANUFACTURERS WARRANTY ON ALL M+S PRODUCTS

| TYPE | | EPMS 80 | EPMS 100 | EPMS 125 | EPMS 160 | EPMS 200 | EPMS 250 | EPMS 315 | EPMS 400 | EPMS 475 | EPMS 525 | EPMS 565 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Displacement [ce/REV] | | 80,5 | 100 | 125,7 | 159,7 | 200 | 250 | 314,9 | 397 | 474,6 | 522,7 | 564,9 |
| Max. Speed [RPM] | Cont | 810 | 750 | 600 | 470 | 375 | 300 | 240 | 190 | 160 | 145 | 130 |
| | Int.(1) | 1000 | 900 | 720 | 560 | 450 | 360 | 290 | 230 | 190 | 175 | 160 |
| Max. Torque [daNm] | Cont. | 24 | 30,5 | 37,5 | 49 | 61 | 72 | 82,5 | 86,5 | 85 | 85 | 85 |
| | Int.(1) | 31 | 39 | 49 | 60 | 72 | 87 | 100 | 99 | 99 | 99 | 99 |
| Max. Output Power [kW] | Cont | 15,5 | 18 | 18 | 16,5 | 16,5 | 14,5 | 15 | 11 | 8,4 | 7,6 | 6,9 |
| | Int.(1) | 19,5 | 22,8 | 22,5 | 23 | 22 | 18 | 17 | 12,5 | 11,3 | 10,4 | 9,6 |
| Max. Pressure Drop [bar] | Cont. | 210 | 210 | 210 | 210 | 210 | 200 | 200 | 160 | 130 | 115 | 105 |
| | Int.(1) | 275 | 275 | 275 | 275 | 275 | 250 | 240 | 190 | 150 | 135 | 125 |
| | Peak (2) | 295 | 295 | 295 | 295 | 295 | 270 | 260 | 210 | 170 | 155 | 145 |
| Max. Oil flow [l/min] | Cont | 65 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| | Int.(1) | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| Max. Input Pressure [bar] | Cont. | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 |
| | Int.(1) | 295 | 295 | 295 | 295 | 295 | 295 | 295 | 295 | 295 | 295 | 295 |
| | Peak (2) | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| Weight [kg] | | 9,9 | 10,1 | 10,4 | 10,8 | 11,2 | 11,7 | 12,4 | 13,1 | 14,1 | 14,6 | 15 |

(1) Intermittend operation rating applies to 6 sec. of every minute (2) Peak load rating applies to 0,6 sec of every minute

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| EPMS080C | HYDRAULIC MOTOR 80CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £327.56 | € 442.22 |
| EPMS100C | HYDRAULIC MOTOR 100CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £332.01 | € 448.22 |
| EPMS125C | HYDRAULIC MOTOR 125CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £337.20 | € 455.22 |
| EPMS160C | HYDRAULIC MOTOR 160CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £344.91 | € 465.63 |
| EPMS200C | HYDRAULIC MOTOR 200CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £350.69 | € 473.43 |
| EPMS250C | HYDRAULIC MOTOR 250CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £356.93 | € 481.85 |
| EPMS315C | HYDRAULIC MOTOR 315CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £377.65 | € 509.84 |
| EPMS400C | HYDRAULIC MOTOR 400CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £396.91 | € 535.83 |

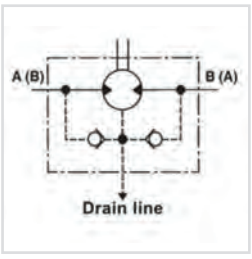
For all other M+S prices please contact the Flowfit sales team.

If the part number needed is not listed please ask the Flowfit Sales Team

# M+S HYDRAULIC MOTOR SERIES EPMT

www.flowfitonline.com
TECH. DATA SHEET
MSM05






M+S Hydraulic motors are one of the top quality hydraulic motors available on the Worldwide market today.

Suitable for many low-speed applications, eliminating gears, shafts, chains, belts, pulleys and other speed reduction components. All motors are compact and light in weight in proportion to the torque and power delivered, all motors are fully reversible and fully interchangeable with all other brands on the market.

Hydraulic motor, 160cc 4 bolt mount, 40mm straight keyed shaft.

Interchangeable with Danfoss OMT Hydraulic motors

2 YEARS MANUFACTURERS WARRANTY ON ALL M+S PRODUCTS

| TYPE | | EPMT 160 | EPMT 200 | EPMT 250 | EPMT 315 | EPMT 400 | EPMT 500 | EPMT 630 | EPMT 725 |
|---|---|---|---|---|---|---|---|---|---|
| Displacement [cm3/REV] | | 161,1 | 201,4 | 251,8 | 326,3 | 410,9 | 523,6 | 631,2 | 724,3 |
| Max. Speed [RPM] | Cont. | 622 | 620 | 496 | 382 | 304 | 238 | 197 | 172 |
| | Int.(1) | 775 | 752 | 601 | 461 | 368 | 289 | 234 | 209 |
| Max. Torque [daNm] | Cont. | 47 | 59 | 73 | 95 | 108 | 122 | 130 | 127 |
| | Int.(1) | 56 | 71 | 88 | 114 | 126 | 137 | 148 | 147 |
| | Peak (2) | 66 | 82 | 102 | 133 | 144 | 160 | 176 | 175 |
| Max. Output Power [kW] | Cont. | 26,5 | 33,5 | 33,5 | 33,5 | 30 | 26,5 | 24,3 | 20,2 |
| | Int.(1) | 32 | 40 | 40 | 40 | 35 | 30 | 27,5 | 26,8 |
| Max. Pressure Drop [bar] | Cont. | 200 | 200 | 200 | 200 | 180 | 160 | 140 | 120 |
| | Int.(1) | 240 | 240 | 240 | 240 | 210 | 180 | 160 | 140 |
| | Peak (2) | 280 | 280 | 280 | 280 | 240 | 210 | 190 | 165 |
| Max. Oil flow [l/min] | Cont | 100 | 125 | 125 | 125 | 125 | 125 | 125 | 125 |
| | Int.(1) | 125 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| Weight [kg] | | 20 | 21,5 | 21 | 22 | 23 | 24 | 23,5 | 24,5 |

(1) Intermittend operation rating applies to 6 sec. of every minute (2) Peak load rating applies to 0,6 sec of every minute

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| EPMT160C | HYDRAULIC MOTOR 160CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £585.80 | € 790.83 |
| EPMT200C | HYDRAULIC MOTOR 200CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £598.31 | € 807.72 |
| EPMT250C | HYDRAULIC MOTOR 250CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £617.34 | € 833.40 |
| EPMT315C | HYDRAULIC MOTOR 315CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £633.23 | € 854.85 |
| EPMT400C | HYDRAULIC MOTOR 400CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £658.54 | € 889.03 |
| EPMT500C | HYDRAULIC MOTOR 500CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £702.85 | € 948.86 |
| EPMT630C | HYDRAULIC MOTOR 630CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £733.65 | € 990.44 |
| EPMT725C | HYDRAULIC MOTOR 725CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT | £772.85 | € 1,043.34 |

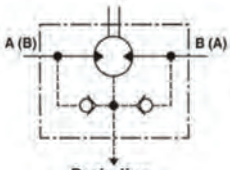
For all other M+S prices please contact the Flowfit sales team.



# M+S HYDRAULIC MOTOR SERIES EPMV

www.flowfitonline.com
TECH. DATA SHEET
MSM06






M+S Hydraulic motors are one of the top quality hydraulic motors available on the Worldwide market today.

Suitable for many low-speed applications, eliminating gears, shafts, chains, belts, pulleys and other speed reduction components. All motors are compact and light in weight in proportion to the torque and power delivered, all motors are fully reversible and fully interchangeable with all other brands on the market.

Interchangeable with danfoss OMV series motors

2 YEARS MANUFACTURERS WARRANTY ON ALL M+S PRODUCTS

| TYPE | | FFPMT | EPMV | EPMV | EPMV | EPMV |
|---|---|---|---|---|---|---|
| | | 315 | 400 | 500 | 630 | 800 |
| Displacement [cm'/REV] | | 314,5 | 400,9 | 499,6 | 629,1 | 801,8 |
| Max. Speed [RPM] | Cont. | 510 | 500 | 400 | 320 | 250 |
| | Int.(1) | 630 | 600 | 480 | 380 | 300 |
| Max. Torque [daNm] | Cont. | 92 | 118 | 146 | 166 | 188 |
| | Int.(1) | 111 | 141 | 176 | 194 | 211 |
| | Peak (2) | 129 | 164 | 205 | 221 | 247 |
| "Max. Output Power [kW]" | Cont. | 42,5 | 53,5 | 53,5 | 48 | 42,5 |
| | Int.(1) | 51 | 64 | 64 | 56 | 48 |
| Max. Pressure Drop [bar] | Cont. | 200 | 200 | 200 | 180 | 160 |
| | Int.(1) | 240 | 240 | 240 | 210 | 180 |
| | Peak(2) | 280 | 280 | 280 | 240 | 210 |
| "Max. Oil flow [Immil]" | Cont. | 160 | 200 | 200 | 200 | 200 |
| | Int.(1) | 200 | 240 | 240 | 240 | 240 |
| Weight [kg] | | 31,8 | 32,6 | 33,5 | 34,9 | 36,5 |

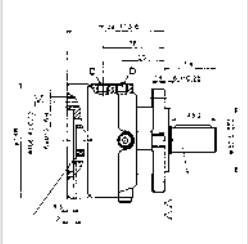
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| EPMV315C | HYDRAULIC MOTOR 315CCM/REV, 50MM SHAFT 1" BSP PORTS STD 4 BOLT MOUNT | £835.29 | € 1,127.65 |
| EPMV400C | HYDRAULIC MOTOR 400CCM/REV, 50MM SHAFT 1" BSP PORTS STD 4 BOLT MOUNT | £868.65 | € 1,172.69 |
| EPMV500C | HYDRAULIC MOTOR 500CCM/REV, 50MM SHAFT 1" BSP PORTS STD 4 BOLT MOUNT | £927.06 | € 1,251.54 |
| EPMV630C | HYDRAULIC MOTOR 630CCM/REV, 50MM SHAFT 1" BSP PORTS STD 4 BOLT MOUNT | £1,085.55 | € 1,465.50 |
| EPMV800C | HYDRAULIC MOTOR 800CCM/REV, 50MM SHAFT 1" BSP PORTS STD 4 BOLT MOUNT | £1,143.72 | € 1,544.02 |

For all other M+S prices please contact the Flowfit sales team.

# ELB BRAKES

www.flowfitonline.com
TECH. DATA SHEET
MSM07





Hydraulic Disc Brakes are designed for use with heavy duty machinery and off-highway vehicles in the construction, material handling, agriculture, mining, sanitation and timber industries. They are also used in a multitude of winching applications and in hydrostatic engine drive systems.

The Hydraulic Disk Brake is sprung loaded to apply the brake, and hydraulic pressure is required to release the brake. Normal operation is to have the brake pressurized in the released position with the vehicle hydraulic system running. Any function which reduced the hydraulic system pressure below the release pressure of the brake will allow the springs to apply the brake.

This brake is designed to be a parking brake only. Dynamic braking is not recommended.

## Code example

| ELB288- | 43- | C |
|---|---|---|
| MOTOR TYPE | SIZE | OUTPUT SHAFT OPTION |

| OUTPUT SHAFT OPTIONS | | | | | |
|---|---|---|---|---|---|
| ELB288 | | ELB289/90 | | ELB314/315 | |
| C | 25mm straight keyed shaft | CB | 32mm straight keyed shaft | C | 40mm straight keyed shaft |
| CO | 1" straight keyed shaft | KB | 35mm dia 1:10 taper shaft | CO | 1 1/2" straight keyed shaft |
| SH | 1" 6B splined shaft | | | SH | 1 1/2" 17T splined shaft |
| | | | | K | 45mm dia 1:10 taper shaft |

| | | SIZE | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PART NUMBER | | 7 | 14 | 21 | 29 | 32 | 43 | 63 | 65 | 85 | 110 | 130 |
| TYPE ELB 288 -***-** | EPM, EPRM,EPMS | * | * | * | | * | * | * | | | | |
| TYPE ELB 289 -***-** | EPMSS (standard mount) | | | * | | * | * | * | | | | |
| TYPE ELB 290 -***-** | EPMSS (wheel mount) | | | * | | * | * | * | | | | |
| TYPE ELB 314 -***-** | EPMTS (standard mount) | | | * | * | | * | | * | * | * | * |
| TYPE ELB 315 -***-** | EPMTS (wheel mount) | | | * | * | | * | | * | * | * | * |
| Static torque, [daNm] | | 6-8 | 13-15 | 20-22 | 28-29 | 31-34 | 42-45 | 61-64 | 61-70 | 83-92 | 108-118 | 126-136 |
| Opening pressure min, [bar] | | 4-5 | 8-9 | 12-13 | 6-7 | 18-20 | 24-26 | 38-39 | 13-15 | 18-20 | 23-25 | 27-29 |
| Opening pressure max, [bar] | | 300 | | | | | | | | | | |

# HKU & HKUS STEERING UNITS

www.flowfitonline.com
TECH. DATA SHEET
MSM08



The M+S Hydraulic Hydrostatic Steering units are used in low-speed vehicles which driving speed does not exceed 60 km/h - such as : building machines, fork-lift trucks, harvesting machines, off-highway eqipment and others. These hydraulic units amplify the torgue to the steering wheels, with no need of hard mechanical connection.

The XY hydrostatic steering unit incorporates an axially displaced tracing valve and a metering pump in one housing. The working liguid is supplied by a seperate pump and then is directed by he metering pump to the steering cylinders.

The XY steering unit is manufactured with a built-in check valves, and there is an option for a built-in relief valve in the inlet.

## VARIOUS OPTIONS AVAILABLE. PLEASE CONTACT US FOR FURTHER DETAILS.



## HYDRAULIC MOTORS

# BOLT ON HYDRAULIC VALVES TO SUIT FLOWFIT AND M+S HYDRAULIC MOTORS


| PRODUCT | PAGE |
|---|---|
| BDR TYPE | 223 |
| BDS TYPE | 223 |
| BVR TYPE | 224 |




FROM ONLY £150.58 +VAT



FROM ONLY £60.17 +VAT



FROM ONLY £61.79 +VAT

QUALITY PRODUCTS

FREE ADVICE

FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

# BDR TYPE

## MOTOR MOUNTED, LEVER OPERATED DIRECTIONAL CONTROL VALVES C/W 3 POSITION DETENT KIT

www.flowfitonline.com
TECH. DATA SHEET
BOHV1





Manifold mounts directly onto ports of EPM & EPRM (OMP & OMR) motor.

**TECHNICAL DATA**

- Nominal flow rate 25 l/min for X = 38
- Nominal flow rate 50 l/min for X = 12
- Nominal pressure 210 bar
- Relief valve variation ratio 10-250 bar

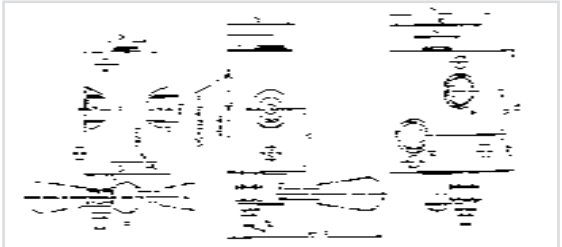
| PART NO. | FLOW L/MIN | NOMINAL PRESSURE (BAR) | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| BDR-38-04 | 25 | 210 | £150.58 | € 203.29 |
| BDR-38-05 | 25 | 210 | £150.58 | € 203.29 |
| BDR-12-04 | 50 | 210 | £150.58 | € 203.29 |
| BDR-12-05 | 50 | 210 | £150.58 | € 203.29 |

# BDS TYPE

## MOTOR MOUNTED, LEVER OPERATED DIRECTIONAL CONTROL VALVES C/W 3 POSITION DETENT KIT AND INTEGRAL RELIEF VALVE

www.flowfitonline.com
TECH. DATA SHEET
BOHV2





Manifold mounts directly onto ports of EPMS (OMS) motor.

TECHNICAL DATA

Nominal flow rate 25 l/min for X = 38
Nominal flow rate 50 l/min for X = 12
Nominal pressure 210 bar
Relief valve variation ratio 10-250 bar

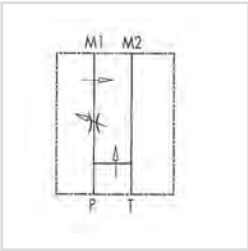
| PART NO. | FLOW L/MIN | NOMINAL PRESSURE (BAR) | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| BDS-38-04 | 25 | 210 | £150.58 | € 203.29 |
| BDS-38-05 | 25 | 210 | £150.58 | € 203.29 |
| BDS-12-04 | 50 | 210 | £150.58 | € 203.29 |
| BDS-12-05 | 50 | 210 | £150.58 | € 203.29 |



# 3 PORT FLOW CONTROL VALVE EXCESS TO TANK FLANGEABLE ON DANFOSS MOTORS OMP/OMR

www.flowfitonline.com
TECH. DATA SHEET
BOHV3






USE AND OPERATION

This valve enables to keep “P” flow constant to a certian setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained directly in T (tank).

Body: zinc-plated steel, Internal parts: Hardened and ground steel,
Seals: Buna N standard, Tightness: By diameter combination. Minor leakage (few drops per minute), Applications: Connect M1 and M2 to the motor and P and T to the pressure.

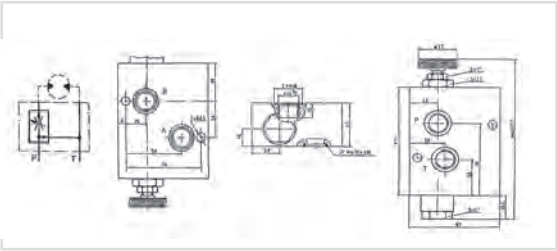
| PART NO. | TYPE | BSP PORTS | MAX INLET FLOW | MAX ADJUSTED FLOW | MAX PRESSURE (BAR) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| V1121 | RFP3 1/2” OMP/OMR | 1/2” | 50 L/MIN | 30 L/MIN | 350 | £89.15 | € 120.36 |

## BVR TYPE

# BVR TYPE MOTOR MOUNTED PRESSURE COMPENSATED FLOW CONTROL VALVE

www.flowfitonline.com
TECH. DATA SHEET
BOHV4





Manifold mounts directly onto ports of EPM and EPRM (OMP + OMR MOTORS)

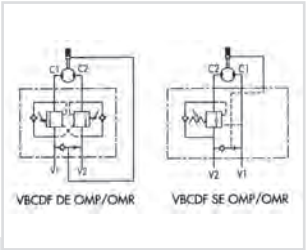
| PART NO. | FLOW L/MIN | MAX PRESSURE (BAR) | PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| BV/R/12/05 | 100 | 250 | £143.62 | € 193.89 |

# OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMP/OMR

www.flowfitonline.com
TECH. DATA SHEET
BOHV5





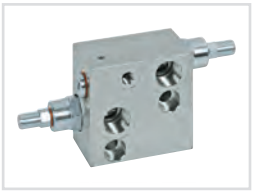



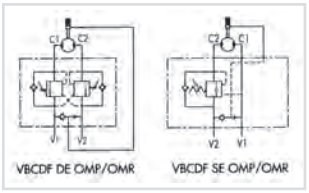

Direct flange is ideal for Danfoss motor type omp-omr and provides a maximum safety, very low pressure drops and solid installation

| CODE | TYPE | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0415 | VBCDF 1/2” SE OMP-OMR | 1:4,5 | 50 | 350 | £61.79 | € 83.41 |
| V0425 | VBCDF 1/2” DE OMP-OMR | 1:4,5 | 50 | 350 | £108.71 | € 146.76 |
| V0415/SF | VBCDF 1/2” SE OMP-OMR SF/ BRAKE UNCLAPING | 1:4,5 | 50 | 350 | £68.36 | € 92.30 |
| V0425/SF | VBCDF 1/2” DE OMP-OMR SF/ BRAKE UNCLAPING | 1:4,5 | 50 | 350 | £110.24 | € 148.81 |
| NB. BRAKE UNCLAPING MEANS “ A MECHANICAL FAIL SAFE BRAKE “ | | | | | | |

# OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMS

www.flowfitonline.com
TECH. DATA SHEET
BOHV6





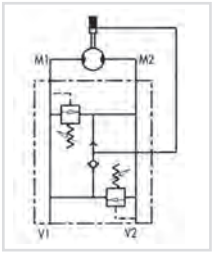

Direct flange is ideal for Danfoss motors type oms and provides a maximum safety, very low pressure drops and solid installation

| CODE | TYPE | PILOT RATIO | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| V0416 | VBCDF 1/2" SE OMS | 1:4,5 | 50 | 350 | £60.17 | € 81.23 |
| V0426 | VBCDF 1/2" DE OMS | 1:4,5 | 50 | 350 | £98.16 | € 132.52 |
| V0416/SF | VBCDF 1/2" SE OMS /SF BRAKE UNCLAPING | 1:8 | 50 | 350 | £65.55 | € 88.48 |
| V0426/SF | VBCDF 1/2" DE OMS SF/ BRAKE UNCLAPING | 1:8 | 50 | 350 | £107.76 | € 145.48 |
| NB. BRAKE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE " | | | | | | |

# DUAL CROSS RELIEF VALVE FLANGEABLE ON DANFOSS MOTORS OMS-OMP/OMR-OMT

www.flowfitonline.com
TECH. DATA SHEET
BOHV7






USE AND OPERATION
Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well. Direct flange is ideal for Danfoss motors type OMS, OMP/OMR and OMT and provides a maximum safety, very low pressure drops and solid installation.

Body: Zinc-plated steel Internal parts: Hardened and ground steel, Seals: Buna N standard, Poppet type: minor leakage
Applications: Flange M1 and M2 directly to the motor and connect V1 and V2 to pressure flow.

ON REQUEST: Different setting range available (See table below) Other settings available (CODE/T: please specify the desired setting). Single acting with just 1 relief available (CODE/ SE). Brake unclaping (CODE/ SF)

| CODE | TYPE | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| V0490 | VAU 1/2" OMS | 50 | 300 | £46.71 | € 63.06 |
| V0500 | VAU 1/2" OMP/OMR | 60 | 300 | £49.98 | € 67.48 |
| V0505 | VAU 3/4" OMT | 100 | 300 | £56.94 | € 76.86 |
| V0490/SE | VAU 1/2" OMS SE/ SINGLE ACTING | 50 | 300 | £44.98 | € 60.73 |
| V0500/SE | VAU 1/2" OMP/OMR SE/SINGLE ACTING | 60 | 300 | £46.45 | € 62.70 |
| V0505/SE | VAU 3/4" OMT SE/SINGLE ACTING | 100 | 300 | £55.65 | € 75.14 |
| V0490/T | VAU 1/2" OMS PRESSURE PRESET | 50 | 300 | £48.89 | € 66.00 |
| V0500/T | VAU 1/2" OMP/OMR PRESSURE PRESET | 60 | 300 | £49.99 | € 67.49 |
| V0505/T | VAU 3/4" OMT PRESSURE PRESET | 100 | 300 | £59.21 | € 79.93 |
| V0490/V | VAU 1/2" OMS HANDKNOB | 50 | 300 | £51.19 | € 69.11 |
| V0500/V | VAU 1/2" OMP/OMR HANDKNOB | 60 | 300 | £52.41 | € 70.76 |
| V0505/V | VAU 3/4" OMT HANDKNOB | 100 | 300 | £50.79 | € 68.57 |
| V0490/P | VAU 1/2" OMS SEALING CAP | 50 | 300 | £52.39 | € 70.73 |
| V0500/P | VAU 1/2" OMP/OMR SEALING CAP | 60 | 300 | £53.45 | € 72.15 |
| V0505/P | VAU 3/4" OMT SEALING CAP | 100 | 300 | £62.66 | € 84.60 |
| V0490/SF | VAU 1/2" OMS SF/ BRAKE UNCLAPING | 50 | 300 | £52.20 | € 70.47 |
| V0500/SF | VAU 1/2" OMP/OMR SF/ BRAKE UNCLAPING | 60 | 300 | £53.25 | € 71.90 |
| V0505/SF | VAU 3/4" OMT SF/ BRAKE UNCLAPING | 100 | 300 | £62.50 | € 84.37 |
| NB. BRACE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE " | | | | | |

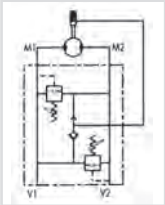
SPRINGS

| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTINGBAR |
|---|---|---|
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 (Standard) | 30 | 90 |
| 50 - 250 | 45 | 130 |
| 80 - 300 | 50 | 150 |
| * = For setting less than 70 Bar Q = 12 l/m | | |

# DUAL CROSS RELIEF VALVE FLANGEABLE ON SAMHYDRAULIK MOTORS AG - AR

www.flowfitonline.com
TECH. DATA SHEET
BOHV8






USE AND OPERATION
Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well. Direct flange is ideal for Samhydraulic motors type AG - AR and provides a maximum safety, very low pressure drops and solid installation.

Body: Zinc-plated steel Internal parts: Hardened and ground steel, Seals: Buna N standard, Poppet type: minor leakage
Applications: Flange M1 and M2 directly to the motor and connect V1 and V2 to pressure flow.
ON REQUEST: Different setting range available (See table below) Other settings available (CODE/T: please specify the desired setting). Brake unclaping (CODE/ SF)

| CODE | TYPE | MAX FLOW L/MIN | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| V0455 | VAU 1/" AG - AR | 60 | 300 | £46.70 | € 63.04 |
| V0455/T | VAU 1/" AG - AR PRESSURE PRESET | 60 | 300 | £48.83 | € 65.91 |
| V0455/V | VAU 1/" AG - AR HANDKNOB | 60 | 300 | £51.00 | € 68.85 |
| V0455/P | VAU 1/" AG - AR SEALING CAP | 60 | 300 | £52.08 | € 70.31 |
| V0455/SF | VAU 1/" AG - AR SF/ BRAKE UNCLAPING | 60 | 300 | £52.08 | € 70.31 |

BRACE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE "

SPRINGS

| SETTING RANGE BAR | PRESSURE INCREASE ( BAR/TURN) | STANDARD SETTINGBAR |
|---|---|---|
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 (Standard) | 30 | 90 |
| 50 - 250 | 45 | 130 |
| 80 - 300 | 50 | 150 |
| * = For setting less than 70 Bar Q = 12 l/m | | |

## HYDRAULIC MOTORS

# GEAR MOTORS


| PRODUCT | PAGE |
|---|---|
| GROUP 2 | 228 |
| GROUP 3 | 229 |





QUALITY PRODUCTS

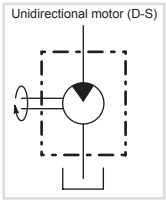
FREE ADVICE



# GROUP 2

www.flowfitonline.com
TECH. DATA SHEET
GM01



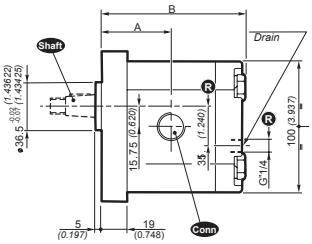


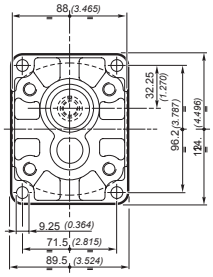

Motors with external gears from group 2 to group 3, divided into 17 displacements from 4 to 61,1cc, up to 270 bar of max working pressure and maximum speed up to 4000 rpm, with hidrostatic balance to reduce the axial slack.

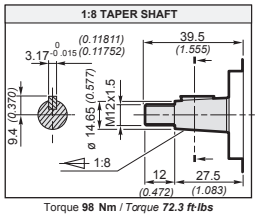
Gear motors are available in unidirectional and reversible versions (reversible motors can be used same in serie circuit).

The motors are available in unidirectional D - S and reversible R version.

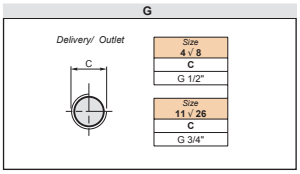
- Temperature 20°C ÷ 65°C
- Max. temperature - 15 °C ÷ 80°C
- Suction allowed pressure min. 0.7 max. 3 bar (absolute)
- Recommended viscosity 15 ÷ 92 mm² /s
- Start max. viscosity 3000 mm² /s
- Filtering 26/23 150 ISO DIS 4406 until 2175 psi 23/20 ISO DIS 4406 for higher pressure




Torque **98 Nm** / *Torque* ***72.3 ft·lbs***




| CLOCKWISE | | | |
|---|---|---|---|
| **PART NUMBER** | **DISPLACEMENT (CC)** | **NETT. PRICE** | |
| | | **£ STERLING** | **€ EUROS** |
| 2SMA4D10G | 4 | £100.93 | € 136.26 |
| 2SMA6D10G | 6 | £100.93 | € 136.26 |
| 2SMA8D10G | 8.5 | £100.93 | € 136.26 |
| 2SMA11D10G | 11 | £100.93 | € 136.26 |
| 2SMA14D10G | 14 | £100.93 | € 136.26 |
| 2SMA16D10G | 16.5 | £100.93 | € 136.26 |
| 2SMA19D10G | 19.5 | £100.93 | € 136.26 |
| 2SMA22D10G | 22.5 | £100.93 | € 136.26 |
| 2SMA26D10G | 26 | £100.93 | € 136.26 |

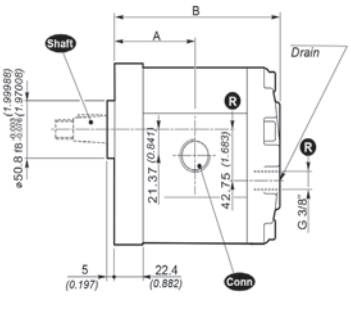
| ANTI-CLOCKWISE | | | |
|---|---|---|---|
| **PART NUMBER** | **DISPLACEMENT (CC)** | **NETT. PRICE** | |
| | | **£ STERLING** | **€ EUROS** |
| 2SMA4S10G | 4 | £100.93 | € 136.26 |
| 2SMA6S10G | 6 | £100.93 | € 136.26 |
| 2SMA8S10G | 8.5 | £100.93 | € 136.26 |
| 2SMA11S10G | 11 | £100.93 | € 136.26 |
| 2SMA14S10G | 14 | £100.93 | € 136.26 |
| 2SMA16S10G | 16.5 | £100.93 | € 136.26 |
| 2SMA19S10G | 19.5 | £100.93 | € 136.26 |
| 2SMA22S10G | 22.5 | £100.93 | € 136.26 |
| 2SMA26S10G | 26 | £100.93 | € 136.26 |

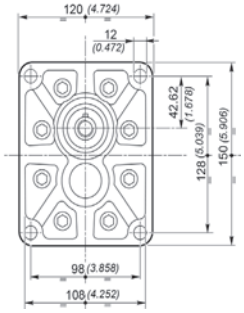
| REVERSIBLE (WITH EXTERNAL DRAIN) | | | |
|---|---|---|---|
| **PART NUMBER** | **DISPLACEMENT (CC)** | **NETT. PRICE** | |
| | | **£ STERLING** | **€ EUROS** |
| 2SMA4R10G | 4 | £124.74 | € 168.40 |
| 2SMA6R10G | 6 | £124.74 | € 168.40 |
| 2SMA8R10G | 8.5 | £124.74 | € 168.40 |
| 2SMA11R10G | 11 | £124.74 | € 168.40 |
| 2SMA14R10G | 14 | £124.74 | € 168.40 |
| 2SMA16R10G | 16.5 | £124.74 | € 168.40 |
| 2SMA19R10G | 19.5 | £124.74 | € 168.40 |
| 2SMA22R10G | 22.5 | £124.74 | € 168.40 |
| 2SMA26R10G | 26 | £124.74 | € 168.40 |

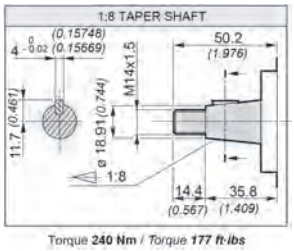
# GROUP 3

www.flowfitonline.com
TECH. DATA SHEET
GM02

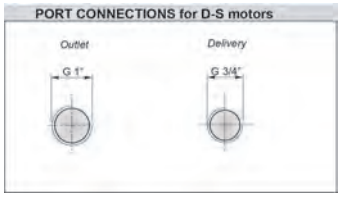


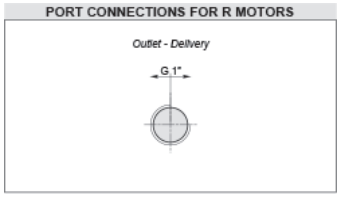



Torque **240 Nm** / *Torque* **177 ft·lbs**




| CLOCKWISE | | | |
|---|---|---|---|
| **PART NUMBER** | **DISPLACEMENT (CC)** | **NETT. PRICE** | |
| | | **£ STERLING** | **€ EUROS** |
| 3SMA19D10G | 19 | £236.47 | € 319.23 |
| 3SMA22D10G | 22.3 | £236.47 | € 319.23 |
| 3SMA29D10G | 29.3 | £236.47 | € 319.23 |
| 3SMA33D10G | 32.9 | £236.47 | € 319.23 |
| 3SMA36D10G | 36.4 | £236.47 | € 319.23 |
| 3SMA44D10G | 43.5 | £236.47 | € 319.23 |
| 3SMA52D10G | 51.7 | £236.47 | € 319.23 |
| 3SMA62D10G | 61.1 | £236.47 | € 319.23 |

FOR ALL POWER CALCULATIONS AND PERFORMANCE GRAPHS PLEASE DOWNLOAD TECHNICAL DATA

| ANTI-CLOCKWISE | | | |
|---|---|---|---|
| **PART NUMBER** | **DISPLACEMENT (CC)** | **NETT. PRICE** | |
| | | **£ STERLING** | **€ EUROS** |
| 3SMA19S10G | 19 | £236.47 | € 319.23 |
| 3SMA22S10G | 22.3 | £236.47 | € 319.23 |
| 3SMA29S10G | 29.3 | £236.47 | € 319.23 |
| 3SMA33S10G | 32.9 | £236.47 | € 319.23 |
| 3SMA36S10G | 36.4 | £236.47 | € 319.23 |
| 3SMA44S10G | 43.5 | £236.47 | € 319.23 |
| 3SMA52S10G | 51.7 | £236.47 | € 319.23 |
| 3SMA62S10G | 61.1 | £236.47 | € 319.23 |

| REVERSIBLE (WITH EXTERNAL DRAIN) | | | |
|---|---|---|---|
| **PART NUMBER** | **DISPLACEMENT (CC)** | **NETT. PRICE** | |
| | | **£ STERLING** | **€ EUROS** |
| 3SMA19R10G | 19 | £255.38 | € 344.76 |
| 3SMA22R10G | 22.3 | £255.38 | € 344.76 |
| 3SMA29R10G | 29.3 | £255.38 | € 344.76 |
| 3SMA33R10G | 32.9 | £255.38 | € 344.76 |
| 3SMA36R10G | 36.4 | £255.38 | € 344.76 |
| 3SMA44R10G | 43.5 | £255.38 | € 344.76 |
| 3SMA52R10G | 51.7 | £255.38 | € 344.76 |
| 3SMA62R10G | 61.1 | £255.38 | € 344.76 |

## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# GEAR PUMPS


| PRODUCT | PAGE |
|---|---|
| PUMPS GROUP 1 | 231 |
| PUMPS GROUP 2 | 232 |
| PUMPS GROUP 3 | 233 |
| MULTIPLE TANDEM/TRIPLE HYDRAULIC PUMP KITS | 234 |
| PUMPS AND MOTORS ELBOW CONNECTORS | 234 |








QUALITY PRODUCTS

FREE ADVICE



# GEAR PUMPS



Galtech gear pumps are manufactured in 29 displacements ranging from 09cc to 62cc and working pressures up to 320 bar.

Huge range of Group 1, Group 2 and Group 3 pumps are available in stock with 1:8 taper shafts, 4 bolt European flange and bsp ports as standard.

A huge range of pumps with various shafts, flanges and assembly covers fitted with flow control and pressure relief valves are available upon request

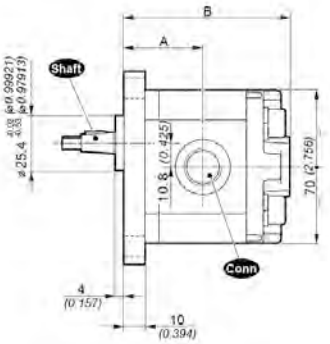
www.flowfitonline.com
TECH. DATA SHEET
GP01

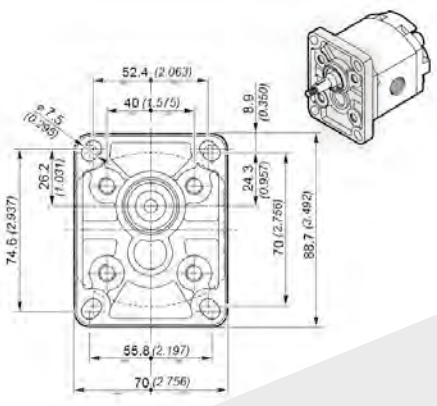
## PUMPS GROUP 1

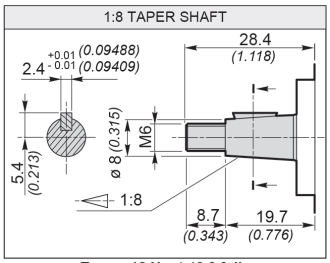
| PART NUMBER | DISPLACEMENT | MAX. WORKING PRESSURE | | | MAX. SPEED | MAX. FLOW | MIN. SPEED | MIN. FLOW | DIMENSIONS | | MASS | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | | | | | A | B | | | |
| | [cm³/rev] (in³/rev) | [bar] (PSI) | [bar] (PSI) | [bar] (PSI) | [g/min] (rpm) | [lt/min] (Gal/min) | [g/min] (rpm) | [lt/min] (Gal/min) | [mm] (inch) | [mm] (inch) | [Kg] (lbs) | £ STERLING | € EUROS |
| 1SPA0.9D10GG | 0.89 (0.05) | 240 (3480) | 260 (3770) | 290 (4205) | 6000 | 5.3 (1.40) | 600 | 0.49 (0.13) | 34.80 (1.370) | 73.6 (2.898) | 0.91 (2.01) | £82.78 | € 111.76 |
| 1SPA1.2D10GG | 1.18 (0.07) | 240 (3480) | 260 (3770) | 290 (4205) | 6000 | 7.1 (1.88) | 600 | 0.65 (0.17) | 35.35 (1.392) | 74.7 (2.941) | 0.93 (2.05) | £82.78 | € 111.76 |
| 1SPA1.6D10GG | 1.6 (0.10) | 240 (3480) | 260 (3770) | 290 (4205) | 6000 | 9.6 (2.54) | 400 | 0.61 (0.16) | 36.20 (1.425) | 76.4 (3.008) | 0.95 (2.09) | £82.78 | € 111.76 |
| 1SPA2.0D10GG | 2.0 (0.12) | 220 (3190) | 250 (3625) | 270 (3915) | 5500 | 11 (2.91) | 400 | 0.76 (0.20) | 36.95 (1.455) | 77.9 (3.067) | 0.97 (2.14) | £82.78 | € 111.76 |
| 1SPA2.5D10GG | 2.5 (0.15) | 220 (3190) | 250 (3625) | 270 (3915) | 5000 | 12.5 (3.30) | 400 | 0.95 (0.25) | 37.95 (1.494) | 79.9 (3.146) | 1.00 (2.21) | £82.78 | € 111.76 |
| 1SPA3.2D10GG | 3.2 (0.20) | 210 (3045) | 240 (3480) | 260 (3770) | 4500 | 14.4 (3.80) | 400 | 1.21 (0.32) | 39.30 (1.547) | 82.6 (3.252) | 1.04 (2.29) | £82.78 | € 111.76 |
| 1SPA3.7D10GG | 3.7 (0.23) | 210 (3045) | 240 (3480) | 260 (3770) | 4000 | 14.8 (3.91) | 400 | 1.40 (0.37) | 40.30 (1.587) | 84.6 (3.331) | 1.07 (2.36) | £82.78 | € 111.76 |
| 1SPA4.2D10GG | 4.2 (0.26) | 190 (2755) | 210 (3045) | 230 (3335) | 3500 | 14.7 (3.88) | 400 | 1.60 (0.42) | 41.25 (1.624) | 86.5 (3.406) | 1.10 (2.43) | £82.78 | € 111.76 |
| 1SPA5.0D10GG | 5.0 (0.31) | 180 (2610) | 210 (3045) | 230 (3335) | 3000 | 15 (3.96) | 400 | 1.90 (0.50) | 42.80 (1.685) | 89.6 (3.528) | 1.14 (2.51) | £82.78 | € 111.76 |
| 1SPA6.3D10GG | 6.3 (0.38) | 170 (2465) | 190 (2755) | 210 (3045) | 2700 | 17 (4.49) | 400 | 2.39 (0.63) | 45.35 (1.785) | 94.7 (3.728) | 1.22 (2.69) | £82.78 | € 111.76 |
| 1SPA7.8D10GG | 7.76 (0.47) | 170 (2465) | 190 (2755) | 210 (3045) | 2500 | 19.4 (5.13) | 400 | 2.95 (0.78) | 48.20 (1.898) | 100.4 (3.953) | 1.30 (2.87) | £82.78 | € 111.76 |
| 1SPA9.8D10GG | 9.78 (0.60) | 150 (2175) | 170 (2465) | 190 (2755) | 2000 | 19.6 (5.18) | 400 | 3.71 (0.98) | 52.15 (2.053) | 108.3 (4.264) | 1.41 (3.11) | £82.78 | € 111.76 |

* Value collected during the testing at 1500 rpm)

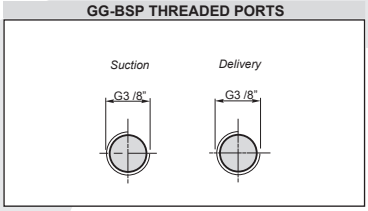
*Dimensions mm (inch)*




Torque **18 Nm** / ***13.3 ft·lbs***



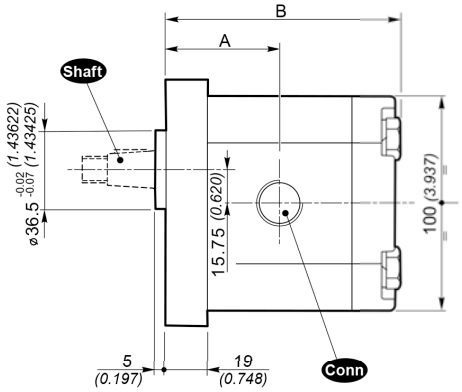
# PUMPS GROUP 2

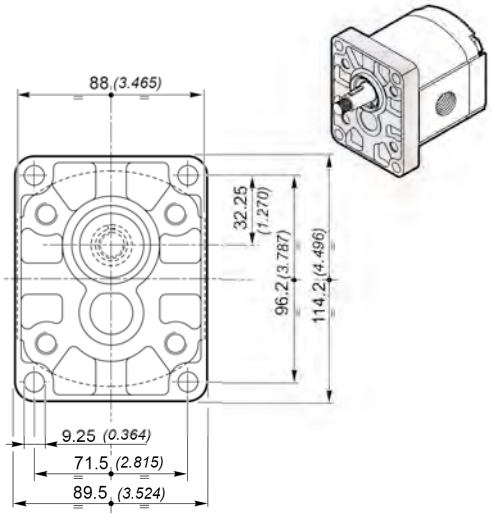
www.flowfitonline.com
TECH. DATA SHEET
GP02

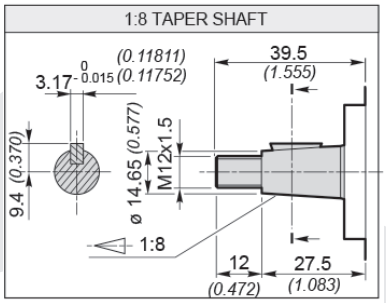
| PART NUMBER | DISPLACEMENT | MAX. WORKING PRESSURE | | | MAX. SPEED | MAX. FLOW | MIN. SPEED | MIN. FLOW | DIMENSIONS | | MASS | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | | | | | A | B | | | |
| | [cm³/rev] (in³/rev) | [bar] (PSI) | [bar] (PSI) | [bar] (PSI) | [g/min] (rpm) | [lt/min] (Gal/min) | [g/min] (rpm) | [lt/min] (Gal/min) | [mm] (inch) | [mm] (inch) | [Kg] (lbs) | £ STERLING | € EUROS |
| 2SPA4D10G | 4 (0.24) | 250 (3625) | 270 (3915) | 290 (4205) | 4000 | 16 (4.23) | 500 | 1.9 (0.50) | 44.4 (1.748) | 93 (3.661) | 2.30 (5.07) | £96.39 | € 130.13 |
| 2SPA6D10G | 6 (0.37) | 250 (3625) | 270 (3915) | 290 (4205) | 4000 | 24 (6.34) | 500 | 2.85 (0.75) | 46 (1.811) | 96.3 (3.791) | 2.45 (5.40) | £96.39 | € 130.13 |
| 2SPA8D10G | 8.5 (0.52) | 250 (3625) | 270 (3915) | 290 (4205) | 3500 | 29.7 (7.85) | 500 | 4.03 (1.06) | 48.1 (1.894) | 100.5 (3.957) | 2.60 (5.73) | £96.39 | € 130.13 |
| 2SPA11D10G | 11 (0.67) | 250 (3625) | 270 (3915) | 290 (4205) | 3500 | 38.5 (10.17) | 500 | 5.22 (1.38) | 50.2 (1.976) | 104.6 (4.118) | 2.70 (5.95) | £96.39 | € 130.13 |
| 2SPA14D10G | 14 (0.85) | 250 (3625) | 270 (3915) | 290 (4205) | 3500 | 49 (12.95) | 500 | 6.65 (1.76) | 52.7 (2.075) | 109.6 (4.315) | 2.80 (6.17) | £96.39 | € 130.13 |
| 2SPA16D10G | 16.5 (1.01) | 230 (3335) | 240 (3480) | 250 (3625) | 3500 | 57.7 (15.24) | 500 | 7.83 (2.07) | 54.8 (2.157) | 113.8 (4.480) | 2.95 (6.51) | £96.39 | € 130.13 |
| 2SPA19D10G | 19.5 (1.19) | 210 (3045) | 220 (3190) | 230 (3335) | 3300 | 64.3 (16.99) | 500 | 9.26 (2.45) | 57.3 (2.256) | 118.8 (4.677) | 3.10 (6.84) | £96.39 | € 130.13 |
| 2SPA22D10G | 22.5 (1.37) | 190 (2755) | 200 (2900) | 210 (3045) | 2800 | 63 (16.64) | 500 | 10.68 (2.82) | 59.8 (2.354) | 123.8 (4.874) | 3.25 (7.17) | £96.39 | € 130.13 |
| 2SPA26D10G | 26 (1.59) | 170 (2465) | 180 (2610) | 190 (2755) | 2500 | 65 (17.17) | 500 | 12.35 (3.26) | 62.7 (2.469) | 129.6 (5.102) | 3.40 (7.50) | £96.39 | € 130.13 |

* Value collected during the testing at 1500 rpm)

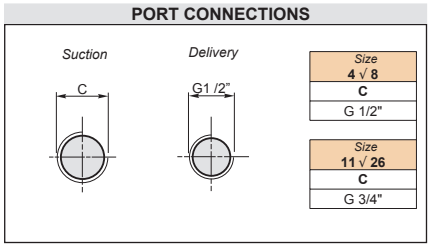
*Dimensions mm (inch)*




Torque **98 Nm** / ***72.3 ft·lbs***



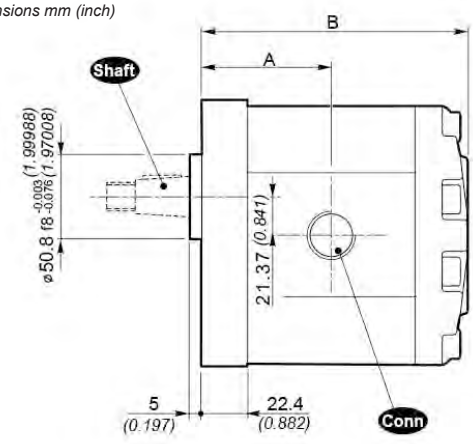
# PUMPS GROUP 3

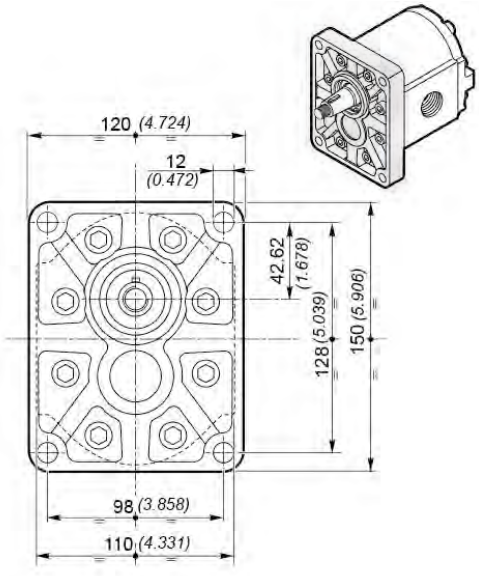
www.flowfitonline.com
TECH. DATA SHEET
GP03

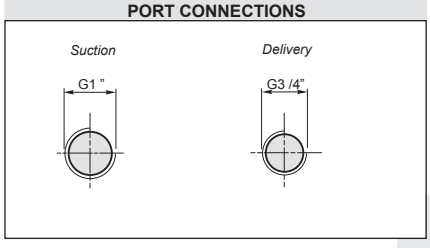
| PART NUMBER | DISPLACEMENT | MAX. WORKING PRESSURE | | | MAX. SPEED | MAX. FLOW | MIN. SPEED | MIN. FLOW | DIMENSIONS | | MASS | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | | | | | A | B | | | |
| | [cm³/rev] (in³/rev) | [bar] (PSI) | [bar] (PSI) | [bar] (PSI) | [g/min] (rpm) | [lt/min] (Gal/min) | [g/min] (rpm) | [lt/min] (Gal/min) | [mm] (inch) | [mm] (inch) | [Kg] (lbs) | £ STERLING | € EUROS |
| 3SPA19D10G | 19 (1.16) | 250 (3625) | 270 (3915) | 300 (4350) | 3500 | 66.5 (17.57) | 700 | 12.64 (3.34) | 62.4 (2.457) | 128.3 (5.051) | 5.23 (11.53) | £167.83 | € 226.57 |
| 3SPA22D10G | 22.3 (1.36) | 240 (3480) | 260 (3770) | 290 (4205) | 3500 | 78 (20.61) | 700 | 14.83 (3.92) | 63.9 (2.516) | 131.3 (5.169) | 5.36 (11.82) | £167.83 | € 226.57 |
| 3SPA29D10G | 29.3 (1.79) | 220 (3190) | 240 (3480) | 260 (3770) | 3300 | 96.7 (25.55) | 700 | 19.48 (5.15) | 66.9 (2.634) | 137.3 (5.406) | 5.64 (12.44) | £167.83 | € 226.57 |
| 3SPA33D10G | 32.9 (2.01) | 220 (3190) | 230 (3335) | 260 (3770) | 3300 | 108.6 (28.69) | 700 | 21.88 (5.78) | 68.4 (2.693) | 140.3 (5.524) | 5.78 (12.75) | £167.83 | € 226.57 |
| 3SPA36D10G | 36.4 (2.22) | 210 (3045) | 230 (3335) | 250 (3625) | 3300 | 120.1 (31.73) | 700 | 24.21 (6.4) | 69.9 (2.752) | 143.3 (5.642) | 5.91 (13.03) | £167.83 | € 226.57 |
| 3SPA44D10G | 43.5 (2.65) | 200 (2900) | 220 (3190) | 240 (3480) | 3000 | 130.5 (34.48) | 700 | 28.93 (7.64) | 72.9 (2.87) | 149.3 (5.878) | 6.19 (13.65) | £167.83 | € 226.57 |
| 3SPA52D10G | 51.7 (3.15) | 200 (2900) | 210 (3045) | 240 (3480) | 3000 | 155.1 (40.98) | 700 | 34.38 (9.08) | 76.4 (3.008) | 156.3 (6.154) | 6.5 (14.33) | £167.83 | € 226.57 |
| 3SPA62D10G | 61.1 (3.73) | 180 (2610) | 190 (2755) | 200 (2900) | 2500 | 152.7 (40.34) | 700 | 40.63 (10.73) | 80.4 (3.165) | 164.3 (6.469) | 6.87 (15.15) | £167.83 | € 226.57 |

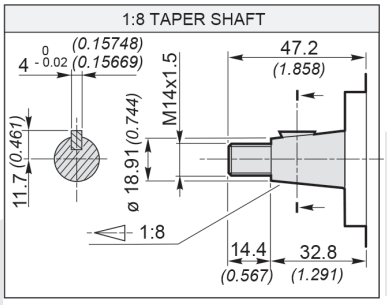
* Value collected during the testing at 1500 rpm)

*Dimensions mm (inch)*




Torque **240 Nm** / ***177 ft·lbs***

# MULTIPLE TANDEM/TRIPLE HYDRAULIC PUMP KITS

www.flowfitonline.com
TECH. DATA SHEET
GP04



Tandem pump kits are a great way of assembling muliple standard pumps together.

All the standard gear pumps are already designed to engage another pump on the rear.

All standard pumps require 1 kit for a tandem pump assembly, 2 kits for a triple pump assembly and 3 kits for a quadruple pump assembliy.

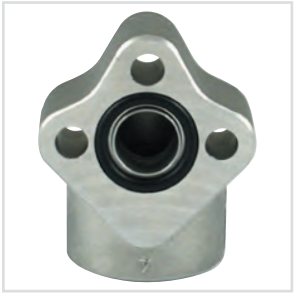


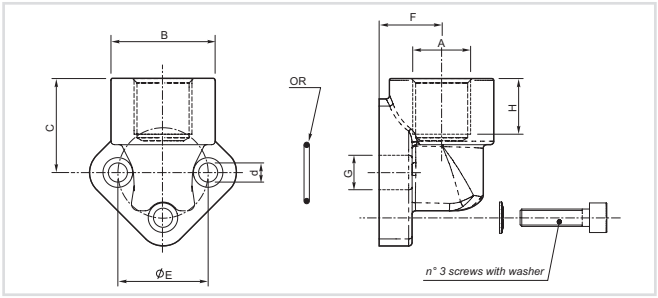

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 010911000000000 | Hydraulic Tandem Pump Kit Group 1 to Group 1 | £39.69 | € 53.58 |
| 010921100000000 | Hydraulic Tandem Pump Kit Group 2 to Group 1 | £43.09 | € 58.18 |
| 010922000000000 | Hydraulic Tandem Pump Kit Group 2 to Group 2 | £43.09 | € 58.18 |
| 010931100000000 | Hydraulic Tandem Pump Kit Group 3 to Group 1 | £63.50 | € 85.73 |
| 010932000000000 | Hydraulic Tandem Pump Kit Group 3 to Group 2 | £68.04 | € 91.85 |
| 010933000000000 | Hydraulic Tandem Pump Kit Group 3 to Group 3 | £81.65 | € 110.22 |

# PUMPS AND MOTORS ELBOW CONNECTORS

## ELBOW CONNECTORS FOR PUMP PORT CONNECTIONS TYPE 'N'

www.flowfitonline.com
TECH. DATA SHEET
GP05



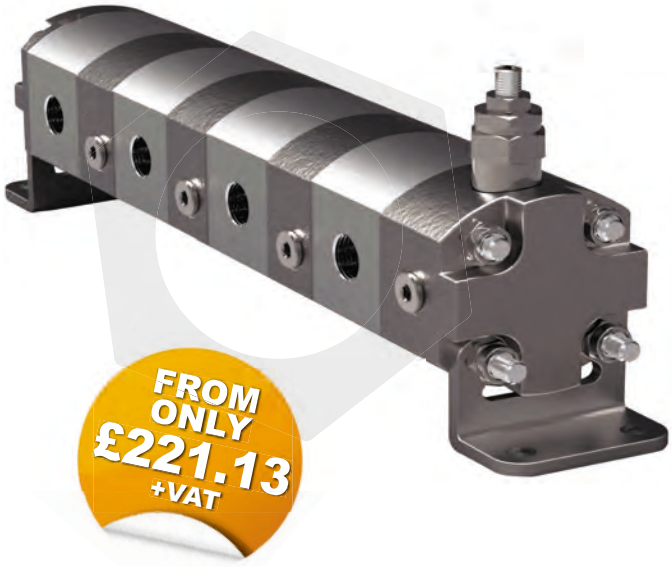



| PART NUMBER | A | B | C | d | E | F | G | H | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| FG3826 | 3/8" BSP | 30 *(1.181)* | 27.5 *(1.083)* | 5.5 *(0.217)* | 26 *(1.024)* | 17 *(0.669)* | 11 *(0.433)* | 12 *(0.472)* | £6.34 | € 8.55 |
| FG3830 | 3/8" BSP | 30 *(1.181)* | 27.5 *(1.083)* | 6.5 *(0.256)* | 30 *(1.181)* | 17 *(0.669)* | 12 *(0.472)* | 12 *(0.472)* | £6.34 | € 8.55 |
| FG1230 | 1/2" BSP | 30 *(1.181)* | 27.5 *(1.083)* | 6.5 *(0.256)* | 30 *(1.181)* | 17 *(0.669)* | 12 *(0.472)* | 12 *(0.472)* | £6.34 | € 8.55 |
| FG3440 | 3/4" BSP | 38 *(1.496)* | 36 *(1.417)* | 8.5 *(0.335)* | 40 *(1.575)* | 21 *(0.817)* | 19 *(0.748)* | 16 *(0.630)* | £8.10 | € 10.94 |
| FG151 | 1" BSP | 45 *(1.772)* | 47 *(1.850)* | 10.5 *(0.413)* | 51 *(2.008)* | 26 *(1.024)* | 25 *(0.984)* | 18 *(0.709)* | £13.12 | € 17.71 |
| FG112725 | 1"1/2 BSP | 63 *(2.480)* | 56 *(2.205)* | 13 *(0.512)* | 72.5 *(2.854)* | 34.5 *(1.358)* | 40 *(1.575)* | 24 *(0.945)* | £29.83 | € 40.27 |

## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# FLOW DIVIDERS


| PRODUCT | PAGE |
|---|---|
| FLOW DIVIDERS | 236 |

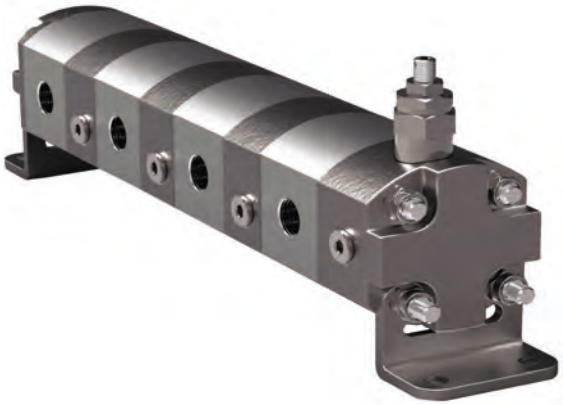

**QUALITY PRODUCTS**

**FREE ADVICE**

If the part number needed is not listed please ask the Flowfit Sales Team

# FLOW DIVIDERS

www.flowfitonline.com
TECH. DATA SHEET
FD01



Galtech introduces new line of flow dividers DF, in response to market demands that every day challenges us to broaden the range of products.

The DF range is available with aluminum body and flange, displacements from 0.9 to 26 cm3 and on-demand with relief valves for the equalization of hydraulic cylinders

External flow gear dividers are non-dissipative hydraulic components consisting of multiple interconnected sectios, which divide the inflow into equal or mutually proportional parts, allowing for synchronised movement of multiple actuators independenly of the load. Flow dividers can also be used as pressure intensifiars to increase the working pressure of a plant.

| PART NO | DIMENSION | | DISPLACEMENT | | MAX WORK PRESSURE | | PEAK PRESSURE | | MAX DP PRESSURE BETWEEN DIFFERENT SECTIONS | | SPEED [REV/MIN] | | NETT. PRICE PER SECTION | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IN | OUT | CC/REV | IN³ | BAR | PSI | BAR | PSI | BAR | PSI | MIN | MAX | | |
| | | | | | | | | | | | | | £ STERLING | € EUROS |
| **DF1** | | | | | | | | | | | | | | |
| DF1-1.2 | G 3/8" | G 3/8" | 1.18 | (0.07) | 240 | (3480) | 260 | (3770) | 180 | (2611) | 700 | (4800) | £92.99 | € 125.54 |
| DF1-1.6 | G 3/8" | G 3/8" | 1.6 | (0.1) | 240 | (3480) | 260 | (3770) | 180 | (2611) | 700 | (4800) | £92.99 | € 125.54 |
| DF1-2.5 | G 3/8" | G 3/8" | 2.5 | (0.15) | 220 | (3190) | 250 | (3625) | 180 | (2611) | 700 | (4800) | £92.99 | € 125.54 |
| DF1-3.7 | G 3/8" | G 3/8" | 3.7 | (0.23) | 210 | (3045) | 240 | (3480) | 180 | (2611) | 700 | (3600) | £92.99 | € 125.54 |
| DF1-5.0 | G 3/8" | G 3/8" | 5.0 | (0.31) | 180 | (2610) | 210 | (3045) | 160 | (2321) | 700 | (3600) | £99.79 | € 134.72 |
| DF1-7.8 | G 3/8" | G 3/8" | 7.76 | (0.47) | 170 | (2465) | 190 | (2755) | 130 | (1885) | 700 | (3600) | £99.79 | € 134.72 |
| DF1INRV | Group 1 with Relief Valve on Inlet only 0.9 cc/rev to 7.8 cc/rev. (Pump not included) | | | | | | | | | | | | £35.15 | € 47.46 |
| DF1RVAN | Group 1 with Relief and Anticavitation Valves on each Stage/Section (Pump not included) | | | | | | | | | | | | £35.15 | € 47.46 |
| **DF2** | | | | | | | | | | | | | | |
| DF2-8 | G 3/4" | G 1/2" | 8.5 | (0.52) | 250 | (3625) | 270 | (3915) | 210 | (3046) | 700 | (4000) | £122.47 | € 165.34 |
| DF2-11 | G 3/4" | G 3/4" | 11 | (0.67) | 250 | (3625) | 270 | (3915) | 210 | (3046) | 700 | (3000) | £122.47 | € 165.34 |
| DF2-14 | G 3/4" | G 3/4" | 14 | (0.85) | 250 | (3625) | 270 | (3915) | 210 | (3046) | 700 | (3000) | £122.47 | € 165.34 |
| DF2-16 | G 3/4" | G 3/4" | 16.5 | (1.01) | 230 | (3335) | 240 | (3480) | 200 | (2901) | 700 | (3000) | £122.47 | € 165.34 |
| DF2-22 | G 3/4" | G 3/4" | 22.5 | (1.37) | 190 | (2755) | 200 | (2900) | 170 | (2466) | 700 | (3000) | £132.68 | € 179.12 |
| DF2-26 | G 3/4" | G 3/4" | 26 | (1.59) | 170 | (2465) | 180 | (2610) | 150 | (2176) | 700 | (3000) | £132.68 | € 179.12 |
| DF2RVAN | Group 2 with Relief and Anticavation Valves on each Stage/Section. (Pump not included) | | | | | | | | | | | | £60.10 | € 81.14 |

## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# KOMPASS PUMPS


| PRODUCT | PAGE |
|---|---|
| 70 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP | 238 |
| 140 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP | 238 |
| 210 - 250 BAR VARIABLE DISPLACEMENT PISTON PUMPS 250 BAR | 239 |
| 210 - 286 BAR VARIABLE DISPLACEMENT PISTON PUMPS 286 BAR | 239 |
| 350 BAR VARIABLE DISPLACEMENT PISTON PUMPS 350 BAR | 239 |











**QUALITY PRODUCTS**

**FREE ADVICE**

FOR SALES & ADVICE CALL US 01584 876033

# 70 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP

www.flowfitonline.com
TECH. DATA SHEET
KP01



KOMPASS

Tandem on request.

Pump supplied with parallel shaft, 4 bolt flange and BSP ports.

| CODE | FLOW @ 1500 RPM | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| VA1-08F-★ | 6.7 litre | £262.23 | € 354.02 |
| VA1-12F-★ | 10 litre | £262.23 | € 354.02 |
| VA1-15F-★ | 12.5 litre | £262.23 | € 354.02 |
| VB1-20F-★ | 16.7 litre | £312.45 | € 421.80 |
| VB1-24F-★ | 20 litre | £312.45 | € 421.80 |
| VC1-26F-★ | 21.7 litre | £368.24 | € 497.11 |
| VD1-25F-★ | 21 litre | £368.24 | € 497.11 |
| VD1-30F-★ | 25 litre | £368.24 | € 497.11 |
| VE1-35F-★ | 29.2 litre | £368.24 | € 497.11 |
| VE1-40F-★ | 33.3 litre | £368.24 | € 497.11 |
| VE1-45F-★ | 37.5 litre | £368.24 | € 497.12 |

Pressure Ranges A1 = 8 - 20 Bar, A2 = 15 - 35 Bar, A3 = 30 - 70 Bar ★ Please specify

# 140 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP

www.flowfitonline.com
TECH. DATA SHEET
KP01



KOMPASS

Tandem on request.

Pump supplied with 19.05mm parallel shaft, 4 bolt flange and BSP ports.

| CODE | FLOW @ 1500 RPM | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| VD2-30F-★ | 25 litre | £589.19 | € 795.41 |
| VE2-40F-★ | 33.3 litre | £612.63 | € 827.05 |
| VF2-54F-★ | 45 litre | £1,356.07 | € 1,830.70 |
| VK2-70F-★ | 58 litre | £1,356.07 | € 1,830.70 |
| Pressure Ranges A3 = 50 - 150 Bar, A4 = 70 - 140 Bar ★ Please specify | | | |

FLOWFIT®
FREE SYSTEM EVALUATION
Send us your requirements and we will do the rest

# 210 - 250 BAR VARIABLE DISPLACEMENT PISTON PUMPS 250 BAR

www.flowfitonline.com TECH. DATA SHEET KP01



KOMPASS

Controlled Pressure Compensating Type with Unloading Device, Duel Pressure, Duel & Remote Pressure, Two Flow & Two.

Pressure p.c. by Solenoid Operated Valve, Two Flow & Two Pressure p.c. by Solenoid Operated Remote Valve, Power Matching, Load Sensing, Load Sensing & Proportional Electrohydraulic Pilot Relief Valve, Proportional Electro-hydraulic. Load sensing & Load-sensing & Proportional Flow Control.

Pumps supplied with parallel shaft, SAE 'A', 'B' & 'C' MTG flange and flanged ports. Side or axial ports available.

Splined shaft optional.

| CODE | FLOW @ 1500 RPM | MAX. PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| V15-A★ | 22.5 litre | 250 | £753.61 | € 1,017.37 |
| V18-A★ | 26.7 litre | 140 | £737.73 | € 995.92 |
| V23-A★ | 34.5 litre | 250 | £796.74 | € 1,075.59 |
| V38-A★ | 56.7 litre | 250 | £1,265.41 | € 1,708.31 |
| V50-A★ | 77.25 litre | 210 | £2,296.49 | € 3,100.26 |
| V70-A★ | 104.55 litre | 210 | £2,446.12 | € 3,302.27 |
| Pressure Ranges 1 = 8 - 70 Bar, 2 = 15 - 140 Bar, 3 = 20 - 210 Bar, 4 = 20 - 250 Bar • ★ = Please specify | | | | |

Prices are for Manual Compensators, please contact sales for other variations

# 210 - 286 BAR VARIABLE DISPLACEMENT PISTON PUMPS 286 BAR

www.flowfitonline.com TECH. DATA SHEET KP01



KOMPASS

Compensators available are Remote, Two Pressure Two Flow, Solenoid Cut-Off, Two Pressure Cut- Off & Load Sensing.

SAE 'A', 'B' & 'C' MTG flange. Side or axial ports available.

A4 pressure range only available on PVS70 and PVS100 Series Piston Pumps

| CODE | FLOW @ 1500 RPM | MAX PRESS.BAR | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| P08-A★ | 12 litre | 255 | £553.47 | € 747.19 |
| P16-A★ | 24.7 litre | 255 | £584.71 | € 789.36 |
| P22-A★ | 33 litre | 255 | £630.47 | € 851.14 |
| P36-A★ | 54 litre | 255 | £979.74 | € 1,322.65 |
| P46-A★ | 69 litre | 255 | £1,182.82 | € 1,596.80 |
| P70-A★ | 105 litre | 286 | £2,404.72 | € 3,246.36 |
| Pressure Ranges 0 = 10 - 40 Bar, 1 = 20 - 70 Bar, 2 = 30 - 140 Bar, 3 = 40 - 210 Bar, 4 = 30 - 280 Bar • ★ = Please specify | | | | |

Prices are for Manual Compensators, please contact sales for other variations

# 350 BAR VARIABLE DISPLACEMENT PISTON PUMPS 350 BAR

www.flowfitonline.com TECH. DATA SHEET KP01



KOMPASS

Compensators available are Manual, Load Sensing, 2 Valve Load Sensing with Interface NG6, Remote Pressure with Interface

NG6, Remote Pressure, Horsepower Pilot Flow Internal Pressure Valve Included, Proportional Electro-Hydraulic Load Sensing and Load-Sensing with Interface NG6.

Pumps supplied with parallel shaft, 4 bolt flange and flanged ports.

Splined shaft optional.

| CODE | FLOW @ 1500 RPM | MAX. SPEED | MAX PRESS.BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| PV16-A★ | 24 litre | 2750 RPM | 350 | £1,347.99 | € 1,819.78 |
| PV20-A★ | 30 litre | 2750 RPM | 350 | £1,470.73 | € 1,985.48 |
| PV23-A★ | 34.5 litre | 2750 RPM | 350 | £1,548.84 | € 2,090.93 |
| PV63-A★ | 94.5 litre | 2100 RPM | 350 | £3,140.52 | € 4,239.70 |
| PV80-A★ | 120 litre | 2000 RPM | 350 | £3,456.98 | € 4,666.93 |
| PV92-A* | 138 litre | 1900 RPM | 350 | £3,646.67 | € 4,923.01 |
| Pressure Ranges 2 = 10 - 140 Bar, 3 = 40 - 210 Bar, 4 = 70 - 350 Bar ★ = Please specify | | | | | |

Prices are for Manual Compensators, please contact sales for other variations

## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# HYDRAULIC TWO STAGE HI-LO GEAR PUMPS


| PRODUCT | PAGE |
|---|---|
| HYDRAULIC GEAR PUMP MODEL GP-CBN TECHNICAL DATA | 241 |




FROM ONLY £88.60 +VAT

QUALITY PRODUCTS

FREE ADVICE

FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

# HYDRAULIC GEAR PUMP MODEL GP-CBN TECHNICAL DATA

www.flowfitonline.com
TECH. DATA SHEET
TSHL01



These 2 stage pumps can give you much faster cycle times and higher possible pressures with a small engine. Excellent for use on log splitters. 85% efficient.

Model GP-CBN is a HI/LO Hydraulic Gear Pump with 12 displacement combinations with maximum pressures of 950 psi for the low pressure pump and 3000 psi for the high pressure pump.

The change from LO to HI pressure is automatic with the LO side pressure pre set from 400 psi to 900 psi. The HI/LO section of the pump is all aluminum and the endplates are cast steel.

Applications for the HI/LO pump are log splitters, presses etc. where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.

**Recommended working conditions:**

1. FILTRATION 25 micron or better
2. OIL VISCOSITY 6 to 200 cSt
3. INLET PRESSURE 12 to 32 psi abs.
4. OIL TEMPERATURE -25 to 80 degrees C (-12 to 175 degrees F).
5. AMBIENT -22 to 55 degrees C (-8 to 130 degrees F).

Flow rate in gpm
Displacement (cu.in/rev) X speed (rpm) / 231
Volumetric efficency 93%
1 cu/in = 16.387 cc/rev
Clockwise Rotation

| MODEL PREFIX GP | FLOW GPM AT 3600 RPM | DISPLACEMENT LO | | DISPLACEMENT HIGH | | PRESSURE PSI | | SPEED RPM | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | CU IN/REV | CC/REV | CU IN/REV | CC/REV | LO | HI | | £ STERLING | € EUROS |
| GPCBN080PC* | 8 | 0.130 | 2.1 | 0.385 | 6.3 | 406/913 | 3000 | 3600 | £88.60 | € 119.61 |
| GPCBN110PC* | 11 | 0.220 | 3.6 | 0.537 | 8.8 | 654 | 3000 | 3600 | £88.60 | € 119.61 |
| GPCBN160PC* | 16 | 0.256 | 4.2 | 0.793 | 13 | 654 | 3000 | 3600 | £88.60 | € 119.61 |
| GPCBN220PC | 22 | 0.429 | 7.04 | 0.989 | 16.22 | 400/900 | 3000 | 3600 | £94.64 | € 127.76 |

# HYDRAULIC GEAR PUMP MODEL GP-CBN ORDERING INFORMATION

**GP** – **CBN** – **080** – **P** – **C**

**GP** — Gear Pump

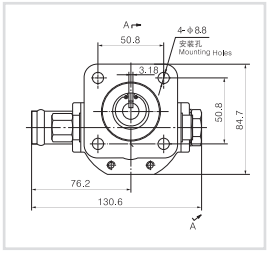
**CBN** — HI/LO series

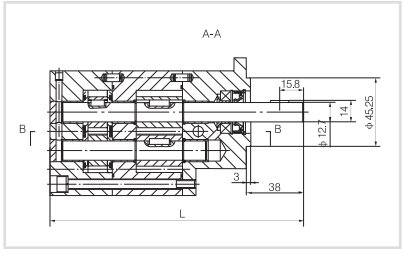
**080** — Nominal Flow GPM at 3600 rpm.
080/110/160/220

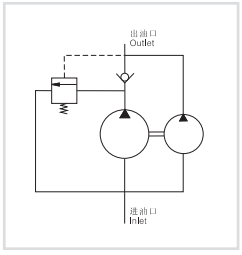
**P** — Drive Shaft P-1/2 in. Dia Straight

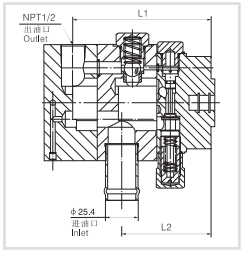
**C** — Rotation Direction
C– Clockwise
A–Counter Clockwise
(viewed from drive shaft end)

# HYDRAULIC GEAR PUMP MODEL GP-CBN INSTALLATION DATA

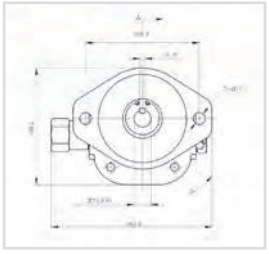


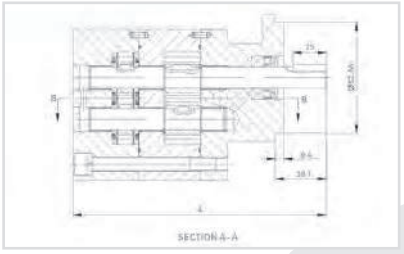



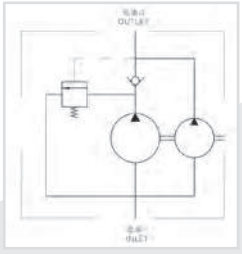




Port Sizes Inlet - 1in. Pipe Outlet - 1/2 NPT









| MODEL | DIMENSIONS | | |
|---|---|---|---|
| | L INCHES (MM) | L1 INCHES (MM) | L2 INCHES (MM) |
| GPCBN080PC | 6.09 (154.7) | 3.71 (94.4) | 2.42 (61.6) |
| GPCBN110PC | 6.61 (167.9) | 4.23 (107.6) | 2.74 (69.6) |

| MODEL | DIMENSIONS | | |
|---|---|---|---|
| | L INCHES (MM) | L1 INCHES (MM) | L2 INCHES (MM) |
| GPCBN160PC | 7.27 (184.7) | 4.80 (122.1) | 3.31 (84.1) |
| GPCBN2200PC | 7.40 (188) | 4.96 (126) | 3.13 (79.6) |

## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# TWO STAGE HI-LO GEAR PUMP SETS


| PRODUCT | PAGE |
|---|---|
| HYDRAULIC 8 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX120/GX160/GX200 | 243 |
| HYDRAULIC 11 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX240/GX270 | 243 |
| HYDRAULIC 11 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX240/GX270 | 244 |
| HYDRAULIC 22 GPM TWO STAGE HI-LOW PUMP C/W BELL HOUSING ENGINE KIT GX630 | 244 |








QUALITY PRODUCTS

FREE ADVICE

FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

# HYDRAULIC 8 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX120/GX160/GX200

www.flowfitonline.com
TECH. DATA SHEET
TSHLPK1



**Two Stage Hi-Low Gear Pump Features:**

This 2 stage Hi-Low gear pump can give you much faster cycle times and highermaximum pressures with a small engine. Excellent for use on log splitters and hydraulic press applications and run at 85% efficiency.

Model GP-CBN is a HI/LO hydraulic gear pump with 12 different displacement combinations with maximum pressures of 900 psi for the low pressure pump and 3000 psi for the high pressure. The change from LO to HI pressure is automatic with the LO side pressure pre set from 400 psi to 900 psi.

The HI/LO section of the pump is all aluminium and the end plates are cast steel. Applications for the HI/LO pump are hydraulic log splitters and hydraulic presses etc where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.

**Complete with Petrol Engine Bell Housing and Drive Coupling Kit**

Flowfit offer a full range of bell housings and drive couplings to suit Honda and Loncin engines from stock, we offer a selection of bellhousings & couplings to be fitted with all other brands of petrol engines please ask our Flowfit sales team for full information.

**Brands covered include** :- Honda, Loncin, Lister Petter, Launtop, Kohler, Villiers, Briggs and Stratton,Robin and many more.

**Please note: These kits do not include any engines.**

| CODE | FLOW GPM AT 3600 RPM | DISPLACEMENT LO | | DISPLACEMENT HIGH | | ENGINE TO START Q-SHAFT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | CU IN/REV | CC/REV | CU IN/REV | CC/REV | | £ STERLING | € EUROS |
| ZZ007484 | 8 | 0.13 | 2.1 | 0.385 | 6.3 | GX120, GX160, GX200 | £170.16 | € 229.73 |

# HYDRAULIC 11 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX240/GX270

www.flowfitonline.com
TECH. DATA SHEET
TSHLPK2



**Two Stage Hi-Low Gear Pump Features:**

This 2 stage Hi-Low gear pump can give you much faster cycle times and highermaximum pressures with a small engine. Excellent for use on log splitters and hydraulic press applications and run at 85% efficiency.

Model GP-CBN is a HI/LO hydraulic gear pump with 12 different displacement combinations with maximum pressures of 900 psi for the low pressure pump and 3000 psi for the high pressure. The change from LO to HI pressure is automatic with the LO side pressure pre set from 400 psi to 900 psi.

The HI/LO section of the pump is all aluminium and the end plates are cast steel. Applications for the HI/LO pump are hydraulic log splitters and hydraulic presses etc where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.

**Complete with Petrol Engine Bell Housing and Drive Coupling Kit**

Flowfit offer a full range of bell housings and drive couplings to suit Honda and Loncin engines from stock, we offer a selection of bellhousings & couplings to be fitted with all other brands of petrol engines please ask our Flowfit sales team for full information.

**Brands covered include** :- Honda, Loncin, Lister Petter, Launtop, Kohler, Villiers, Briggs and Stratton,Robin and many more.

**Please note: These kits do not include any engines.**

| CODE | FLOW GPM AT 3600 RPM | DISPLACEMENT LO | | DISPLACEMENT HIGH | | ENGINE TO START Q-SHAFT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | CU IN/REV | CC/REV | CU IN/REV | CC/REV | | £ STERLING | € EUROS |
| ZZ007485 | 11 | 0.22 | 3.6 | 0.537 | 8.8 | GX240, GX270 | £170.16 | € 229.73 |

# HYDRAULIC 11 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX240/GX270

www.flowfitonline.com
TECH. DATA SHEET
TSHLPK3



**Two Stage Hi-Low Gear Pump Features:**

This 2 stage Hi-Low gear pump can give you much faster cycle times and highermaximum pressures with a small engine. Excellent for use on log splitters and hydraulic press applications and run at 85% efficiency.

Model GP-CBN is a HI/LO hydraulic gear pump with 12 different displacement combinations with maximum pressures of 900 psi for the low pressure pump and 3000 psi for the high pressure. The change from LO to HI pressure is automatic with the LO side pressure pre set from 400 psi to 900 psi.

The HI/LO section of the pump is all aluminium and the end plates are cast steel. Applications for the HI/LO pump are hydraulic log splitters and hydraulic presses etc where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.

**Complete with Petrol Engine Bell Housing and Drive Coupling Kit**

Flowfit offer a full range of bell housings and drive couplings to suit Honda and Loncin engines from stock, we offer a selection of bellhousings & couplings to be fitted with all other brands of petrol engines please ask our Flowfit sales team for full information.

**Brands covered include** :-Honda, Loncin, Lister Petter,Launtop,Kohler,Villiers, Briggs and Stratton,Robin and many more.

**Please note: These kits do not include any engines.**

| CODE | FLOW GPM AT 3600 RPM | DISPLACEMENT LO | | DISPLACEMENT HIGH | | ENGINE TO START Q-SHAFT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | CU IN/REV | CC/REV | CU IN/REV | CC/REV | | £ STERLING | € EUROS |
| ZZ007486 | 16 | 0.256 | 4.2 | 0.793 | 13 | GX270, GX390 | £170.16 | € 229.73 |

# HYDRAULIC 22 GPM TWO STAGE HI-LOW PUMP C/W BELL HOUSING ENGINE KIT GX630

www.flowfitonline.com
TECH. DATA SHEET
TSHLPK4



**Two Stage Hi-Low Gear Pump Features:**

This 2 stage Hi-Low gear pump can give you much faster cycle times and highermaximum pressures with a small engine. Excellent for use on log splitters and hydraulic press applications and run at 85% efficiency.

Model GP-CBN is a HI/LO hydraulic gear pump with 12 different displacement combinations with maximum pressures of 900 psi for the low pressure pump and 3000 psi for the high pressure. The change from LO to HI pressure is automatic with the LO side pressure pre set from 400 psi to 900 psi.

The HI/LO section of the pump is all aluminium and the end plates are cast steel. Applications for the HI/LO pump are hydraulic log splitters and hydraulic presses etc where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.

**Complete with Petrol Engine Bell Housing and Drive Coupling Kit**

Flowfit offer a full range of bell housings and drive couplings to suit Honda and Loncin engines from stock, we offer a selection of bellhousings & couplings to be fitted with all other brands of petrol engines please ask our Flowfit sales team for full information.

**Brands covered include** :- Honda, Loncin, Lister Petter,Launtop,Kohler,Villiers, Briggs and Stratton,Robin and many more.

**Please note: These kits do not include any engines.**

| CODE | FLOW GPM AT 3600 RPM | DISPLACEMENT LO | | DISPLACEMENT HIGH | | ENGINE TO START Q-SHAFT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | CU IN/REV | CC/REV | CU IN/REV | CC/REV | | £ STERLING | € EUROS |
| ZZ007487 | 22 | 0.429 | 7.04 | 0.989 | 16.22 | GX630 | £186.45 | € 251.70 |

## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# BELL HOUSINGS AND DRIVE COUPLINGS FOR ELECTRIC MOTORS, PETROL AND DIESEL ENGINES


| PRODUCT | PAGE |
|---|---|
| FLOWFIT ELECTRIC MOTOR BELL HOUSINGS | 246 |
| FLOWFIT ELECTRIC MOTOR DRIVE COUPLINGS | 247 |
| FLOWFIT BELL HOUSING AND DRIVE COUPLING KITS | 248 |











QUALITY PRODUCTS

FREE ADVICE



# FLOWFIT ELECTRIC MOTOR BELL HOUSINGS

www.flowfitonline.com
TECH. DATA SHEET
BHDC01



Flowfit bell housings for use with Galtech and Bucher gear pump coupled to an electric motor. If unsure of suitability to your application please ask a member of our sales team.




| NEW PT NO | GEAR PUMP GROUP | ELECTRIC MOTOR SIZE B5 4 POLE KW RATING | MOTOR FRAME SIZE | DRAWING KIT NUMBER SEE TECH DATA SHEET | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| BH4057 | GP1-1SPA-AP100 | 0.18KW | D63 | 1 | £23.43 | € 31.63 |
| BH4061 | GP1-1SPA-AP100 | 0.25-0.37KW | D71 | 2 | £23.43 | € 31.63 |
| BH4116 | GP1-1SPA-AP100 | 0.55-0.75KW | D80 | 3 | £29.85 | € 40.29 |
| BH4115 | GP1-1SPA-AP100 | 1.1-1.5KW | D90 | 4 | £29.85 | € 40.29 |
| BH4174 | GP1-1SPA-AP100 | 2.2-4KW | D100/D112 | 5 | £40.76 | € 55.02 |
| BH4104 | GP2-2SPA-AP200 | 0.25KW | D71 | 6 | £73.49 | € 99.22 |
| BH4141 | GP2-2SPA-AP200 | 0.55-0.75KW | D80 | 7 | £31.77 | € 42.90 |
| BH4141 | GP2-2SPA-AP200 | 1.1-1.5KW | D90 | 8 | £31.77 | € 42.90 |
| BH4177 | GP2-2SPA-AP200 | 2.2-4KW | D100/D112 | 9 | £40.76 | € 55.02 |
| BH4202 | GP2-2SPA-AP200 | 5.5-7.5KW | D132 | 10 | £65.79 | € 88.82 |
| BH4212 | GP2-2SPA-AP200 | 11-15KW | D160 | 11 | £75.43 | € 101.82 |
| BH4212 | GP2-2SPA-AP200 | 18.5-22KW | D180 | 12 | £77.36 | € 104.44 |
| BH4239 | GP2-2SPA-AP200 | 30KW | D200 | 13 | £174.58 | € 235.68 |
| BH4148 | GP3-3SPA-AP300 | 1.1-1.5KW | D90 | 14 | £105.27 | € 142.12 |
| BH4184 | GP3-3SPA-AP300 | 2.2-4KW | D100/D112 | 15 | £42.68 | € 57.62 |
| BH4205 | GP3-3SPA-AP300 | 5.5-7.5KW | D132 | 16 | £65.79 | € 88.82 |
| BH4223 | GP3-3SPA-AP300 | 11-15KW | D160 | 17 | £101.09 | € 136.47 |
| BH4223 | GP3-3SPA-AP300 | 18.5-22KW | D180 | 18 | £101.09 | € 136.47 |
| BH4251 | GP3-3SPA-AP300 | 30KW | D200 | 19 | £174.58 | € 235.68 |
| BH4267 | GP3-3SPA-AP300 | 37-45kw | D225 | 20 | £266.38 | € 359.61 |
| BH4278 | GP3-3SPA-AP300 | 55KW | D250 | 21 | £397.95 | € 537.22 |

# FLOWFIT ELECTRIC MOTOR DRIVE COUPLINGS

www.flowfitonline.com
TECH. DATA SHEET
BHDC01



Flowfit drive couplings for use with Galtech and Bucher gear pump coupled to an electric motor. If unsure of suitability to your application please ask a member of our sales team.




| GEAR PUMP GROUP | ELECTRIC MOTOR SIZE B5 4 POLE KW RATING | MOTOR FRAME SIZE | MOTOR HALF ONLY | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| GP1-1SPA-AP100 | 0.18KW | D63 | MH6038 | £19.62 | € 26.48 |
| GP1-1SPA-AP100 | 0.25-0.37KW | D71 | MH6017 | £7.70 | € 10.39 |
| GP1-1SPA-AP100 | 0.55-0.75KW | D80 | MH6021 | £7.70 | € 10.39 |
| GP1-1SPA-AP100 | 1.1-1.5KW | D90 | MH6024 | £7.70 | € 10.39 |
| GP1-1SPA-AP100 | 2.2-4KW | D100/D112 | MH6313 | £13.79 | € 18.62 |
| GP2-2SPA-AP200 | 0.25KW | D71 | MH6273 | £12.20 | € 16.47 |
| GP2-2SPA-AP200 | 0.55-0.75KW | D80 | MH6277 | £12.20 | € 16.47 |
| GP2-2SPA-AP200 | 1.1-1.5KW | D90 | MH6280 | £12.20 | € 16.47 |
| GP2-2SPA-AP200 | 2.2-4KW | D100/D112 | MH6313 | £13.88 | € 18.74 |
| GP2-2SPA-AP200 | 5.5-7.5KW | D132 | MH6540 | £16.69 | € 22.52 |
| GP2-2SPA-AP200 | 11-15KW | D160 | MH6781 | £26.96 | € 36.39 |
| GP2-2SPA-AP200 | 18.5-22KW | D180 | MH7141 | £38.51 | € 51.99 |
| GP2-2SPA-AP200 | 30KW | D200 | MH7162 | £60.65 | € 81.89 |
| GP3-3SPA-AP300 | 1.1-1.5KW | D90 | MH6312 | £13.80 | € 18.63 |
| GP3-3SPA-AP300 | 2.2-4KW | D100/D112 | MH6301 | £12.20 | € 16.47 |
| GP3-3SPA-AP300 | 5.5-7.5KW | D132 | MH6540 | £16.73 | € 22.58 |
| GP3-3SPA-AP300 | 11-15KW | D160 | MH6781 | £26.96 | € 36.39 |
| GP3-3SPA-AP300 | 18.5-22KW | D180 | MH7141 | £38.51 | € 51.99 |
| GP3-3SPA-AP300 | 30KW | D200 | MH7162 | £60.65 | € 81.89 |
| GP3-3SPA-AP300 | 37-45KW | D225 | MH7355 | £96.29 | € 129.99 |
| GP3-3SPA-AP300 | 55KW | D250 | MH7444 | £118.42 | € 159.87 |

| PUMP HALF ONLY | PUMP KEYWAY WIDTH | NETT. PRICE | | SPIDER ONLY | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| PH6090 | 2.4MM | £8.01 | € 10.82 | SP6000 | £2.57 | € 3.48 |
| PH6090 | 2.4MM | £8.01 | € 10.82 | SP6000 | £2.57 | € 3.48 |
| PH6090 | 2.4MM | £8.01 | € 10.82 | SP6000 | £2.57 | € 3.48 |
| PH6090 | 2.4MM | £8.01 | € 10.82 | SP6000 | £2.57 | € 3.48 |
| PH6350 | 2.4MM | £11.87 | € 16.03 | SP6250 | £3.21 | € 4.33 |
| PH6352 | 3.17MM | £11.87 | € 16.03 | SP6250 | £3.21 | € 4.33 |
| PH6352 | 3.17MM | £11.87 | € 16.03 | SP6250 | £3.21 | € 4.33 |
| PH6352 | 3.17MM | £11.87 | € 16.03 | SP6250 | £3.21 | € 4.33 |
| PH6352 | 3.17MM | £11.87 | € 16.03 | SP6250 | £3.21 | € 4.33 |
| PH6570 | 3.17MM | £14.10 | € 19.04 | SP6500 | £5.14 | € 6.93 |
| PH6840 | 3.17MM | £24.70 | € 33.34 | SP6750 | £6.74 | € 9.09 |
| PH7170 | 3.17MM | £35.31 | € 47.66 | SP7000 | £10.59 | € 14.30 |
| PH7170 | 3.17MM | £35.31 | € 47.66 | SP7000 | £10.59 | € 14.30 |
| PH6354 | 4MM | £14.10 | € 19.04 | SP6250 | £3.21 | € 4.33 |
| PH6354 | 4MM | £14.10 | € 19.04 | SP6250 | £3.21 | € 4.33 |
| PH6572 | 4MM | £14.10 | € 19.04 | SP6500 | £5.14 | € 6.93 |
| PH6832 | 4MM | £24.70 | € 33.34 | SP6750 | £6.74 | € 9.09 |
| PH7172 | 4MM | £35.31 | € 47.66 | SP7000 | £10.59 | € 14.30 |
| PH7172 | 4MM | £35.31 | € 47.66 | SP7000 | £10.59 | € 14.30 |
| PH7369 | 4MM | £75.43 | € 101.82 | SP7200 | £14.45 | € 19.50 |
| PH7495 | 4MM | £96.29 | € 129.99 | SP7400 | £25.61 | € 34.57 |

# PETROL + DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KITS

www.flowfitonline.com
TECH. DATA SHEET
BHDC02



Flowfit offer a full range of bell housings and drive couplings to suit Honda and Loncin engines from stock, we offer a selection of bell housings and drive couplings to be fitted with all major brands on the market, if you aren't sure please contact the Flowfit sales team for full information.

Brands covered include Honda, Loncin, Lister Petter, LaUntop, Kohler, Villiers, Briggs and Stratton and many more.




## FLOWFIT PETROL ENGINES BELL HOUSINGS ONLY

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BHE111C02AR102 | BELL HOUSING GROUP 1 PUMP TO HONDA PETROL ENGINE GX120, GX160, GX200, LONCIN ENGINE G120, G160, G200 | £51.70 | € 69.79 |
| BHE152C02AR302 | BELL HOUSING GROUP 1 PUMP TO HONDA PETROL ENGINE GX240, GX270, GX340, GX390, LONCIN ENGINE G240, G270, G340, G390 | £75.90 | € 102.46 |
| BHE152C04AR304 | BELL HOUSING GROUP 2 PUMP TO HONDA PETROL ENGINE GX240, GX270, GX340, GX390 LONCIN ENGINE G240, G270, G340, G390 | £53.42 | € 72.10 |
| BHE112C/04 | PETROL ENGINE BELL HOUSING GROUP 2 PUMP TO HONDA ENGINE GX120, GX160, GX200 LONCIN ENGINE G120, G160, G200 | £49.89 | € 67.35 |
| BHE112/045A | PETROL ENGINE BELL HOUSING HI-LO PUMP TO HONDA ENGINE GX120, GX160, GX200, LONCIN ENGINE G120, G160, G200 | £50.33 | € 67.94 |
| BHE152/045A | PETROL ENGINE BELL HOUSING HI-LO PUMP TO HONDA ENGINE GX240, GX270, GX340, GX390 LONCIN ENGINE G240, G270, G340, G390 | £51.93 | € 70.10 |

## FLOWFIT PETROL ENGINES DRIVE COUPLINGS ONLY

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| HC119MC050E100HC101A | DRIVE COUPLING GRP 1 PUMP TO HONDA PETROL ENGINES GX120, GX160, GX200 3/4" AND LONCIN G120, G160, G200 3/4" | £12.37 | € 16.69 |
| HC325NC048ER300HC301A | DRIVE COUPLING GRP 1 PUMP TO HONDA PETROL ENGINE GX240, GX270, GX340, GX390 1" AND LONCIN G240, G270, G340, G390 1" | £22.02 | € 29.73 |
| HC325NC048ER300HC302AB | DRIVE COUPLING GRP 2 PUMP TO HONDA GX240, GX270, GX340, GX390 1" AND LONCIN G240, G270, G340, G390 1" | £20.08 | € 27.10 |
| HC319MC048ER300HC302AB | PETROL ENGINE DRIVE COUPLING GRP 2 PUMP TO HONDA GX120 GX160 GX200 3/4" AND LONCIN G120, G160, G200 3/4" | £21.98 | € 29.67 |
| HC219MC048ER200HC212HB03 | PETROL ENGINE DRIVE COUPLING HI-LO PUMP TO HONDA GX120, GX160, GX200 3/4" ANDLONCIN G120, G160, G200 3/4" | £30.72 | € 41.47 |
| HC325NC048ER300HC312 | PETROL ENGINE DRIVE COUPLING HI-LO PUMP TO HONDA GX240, GX270, GX340, GX390, 1" Q SHAFT AND LONCIN G240, G270, G340, G390 1" Q SHAFT | £26.02 | € 35.12 |

# FLOWFIT BELL HOUSINGS AND DRIVE COUPLING ENGINE KITS

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ004727 | **BELL HOUSING AND DRIVE COUPLING ENGINE KIT.**<br>TO SUIT GROUP 1 PUMP<br>SUITS HONDA GX120, GX160 AND GX200<br>SUITS LONCIN G120, G160 AND G200<br>KIT COMPRISING:- BHE111C02 BELL HOUSING, HC119MC050 ENGINE HALF, ER100 SPIDER AND HC101A PUMP HALF | £64.49 | € 87.06 |
| ZZ004724 | **BELL HOUSING AND DRIVE COUPLING ENGINE KIT.**<br>TO SUIT GROUP 1 PUMP<br>SUITS HONDA GX240, GX270, GX340 AND GX390<br>SUITS LONCIN G240, G270, G340 AND G390<br>KIT COMPRISING:- BHE152C02 BELL HOUSING, HC325NC048 ENGINE HALF, ER300 SPIDER, HC301A PUMP HALF AND AR3/02 ADAPTOR RING | £97.92 | € 132.19 |
| ZZ004729 | **BELL HOUSING AND DRIVE COUPLING ENGINE KIT**<br>TO SUIT GROUP 2 PUMP.<br>SUITS HONDA GX120, GX160 AND GX200<br>SUITS LONCIN G120, G160 AND G200<br>KIT COMPRISING BHE 112C/04 BELL HOUSING, HC319MC048 ENGINE HALF, ER300 SPIDER, HC302AB PUMP HALF AND AR3/02 ADAPTOR RING. | £70.77 | € 95.55 |
| ZZ004725 | **BELL HOUSING AND DRIVE COUPLING ENGINE KIT**<br>TO SUIT GROUP 2 PUMP.<br>SUITS HONDA GX240, GX270, GX340 AND GX390<br>SUITS LONCIN G240, G270, G340 AND G390<br>KIT COMPRISING :- BHE152C04 BELL HOUSING, HC325NC048 ENGINE HALF, ER300 SPIDER, HC302AB PUMP HALF AND AR3/04 ADAPTOR RING | £72.96 | € 98.50 |
| ZZ004728 | **BELL HOUSING AND DRIVE COUPLING ENGINE KIT TO SUIT HI-LO PUMP**<br>SUITS HONDA GX120, GX160 AND GX200<br>SUITS LONCIN G120, G160 AND G200<br>KIT COMPRISING BHE112/045A BELL HOUSING, HC219MC048 ENGINE HALF, HC212HB035 PUMP HALF AND ER200 SPIDER. | £81.56 | € 110.11 |
| ZZ004726 | **BELL HOUSING AND DRIVE COUPLING ENGINE KIT TO SUIT HI-LO PUMP**<br>SUITS HONDA GX240, GX270, GX340 AND GX390<br>SUITS LONCIN G240, G270, G340 AND G390<br>KIT COMPRISING BHE152/045A BELL HOUSING, HC325NC048 ENGINE HALF, HC312HB035 PUMP HALF AND ER300 SPIDER | £77.94 | € 105.21 |

# DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KITS

www.flowfitonline.com
TECH. DATA SHEET
BHDC02



Flowfit offer a full range of bell housings and drive couplings to suit Hatz and other diesel engines from stock, we offer a selection of bell housings and drive couplings to be fitted with all major brands on the market, if you aren't sure please contact the Flowfit sales team for full information.




| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| ZZ002363 | DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KIT. FITS GROUP 1 PUMP TO A HATZ 1B20 4.2HP | £111.65 | € 150.74 |
| ZZ002364 | DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KIT. FITS GROUP 1 PUMP TO A HATZ 1B20 4.2HP | £150.74 | € 203.48 |
| ZZ002365 | DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KIT. FITS GROUP 1 PUMP TO A HATZ 1B40 9.2HP | £179.91 | € 242.88 |
| ZZ002366 | DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KIT. FITS GROUP 2 PUMP TO A HATZ 1B40 9.2HP | £206.02 | € 278.13 |

## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# ELECTRIC MOTORS


| PRODUCT | PAGE |
|---|---|
| SERIES ALUMINIUM HOUSING SINGLE-PHASE 110V MULTI-MOUNT ASYNCHRONOUS MOTOR-DUAL CAPACITORS | 251 |
| SERIES ALUMINIUM HOUSING SINGLE-PHASE 230V MULTI-MOUNT ASYNCHRONOUS MOTOR-DUAL CAPACITORS | 252 |
| SERIES ALUMINIUM HOUSING THREE-PHASE MULTI-MOUNT ASYNCHRONOUS MOTOR | 253 |











QUALITY PRODUCTS

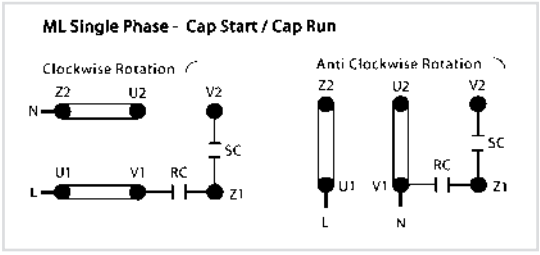
FREE ADVICE



# SERIES ALUMINIUM HOUSING SINGLE-PHASE 110V MULTI-MOUNT ASYNCHRONOUS MOTOR-DUAL CAPACITORS

www.flowfitonline.com
TECH. DATA SHEET
EM01






TCC aluminium multi-mount single phase 110V dual capacitor asynchronous motors are manufactured to the latest design. All motors conform to IEC standards and offer a comprehensive range up to 3.7KW and aesthetically pleasing design with the flexibility of a multi-mount terminal box and available in all mounting configurations including B14B and B5R. They are suitable for applications where torque requirements are 1.8-2.5 times F.L.T.



**B3 – Foot mount**



**B5 – Flange mount**



**B14 – Face mount**

Add this code into the part code instead of the ** for the relevant mount



**B34 – Face and Foot mount**



**B35 – Flange and Foot mount**

| | | NETT. PRICE | | | |
|---|---|---|---|---|---|
| **PART NO** | **DESCRIPTION** | **B3 - FOOT MOUNT** | | **ALL OTHER MOUNTS** | |
| | | **£ STERLING** | **€ EUROS** | **£ STERLING** | **€ EUROS** |
| 0.3721TCC** | 0.37Kw 1 Phase 110v 2 Pole 3000 RPM, 160mm DIA, 14mm Shaft, D71 Frame, CAP Start - CAP Run | £84.66 | € 114.30 | £90.59 | € 122.30 |
| 0.5521TCC** | 0.55Kw 1 Phase 110v 2 Pole 3000 RPM, 200mm DIA, 19mm Shaft, D80 Frame, CAP Start - CAP Run | £92.46 | € 124.82 | £98.93 | € 133.55 |
| 0.7521TCC** | 0.75Kw 1 Phase 110v 2 Pole 3000 RPM, 200mm DIA, 19mm Shaft, D80 Frame, CAP Start - CAP Run | £118.57 | € 160.08 | £126.87 | € 171.27 |
| 1.121TCC** | 1.1Kw 1 Phase 110v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D90S Frame, CAP Start - CAP Run | £133.46 | € 180.17 | £142.81 | € 192.79 |
| 1.521TCC** | 1.5Kw 1 Phase 110v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D90L Frame, CAP Start - CAP Run | £179.93 | € 242.90 | £192.54 | € 259.93 |
| 2.221TCC** | 2.2Kw 1 Phase 110v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D100 Frame, CAP Start - CAP Run | £197.21 | € 266.23 | £211.01 | € 284.86 |
| 3.021TCC** | 3.0Kw 1 Phase 110v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D100 Frame, CAP Start - CAP Run | £222.87 | € 300.88 | £238.45 | € 321.92 |

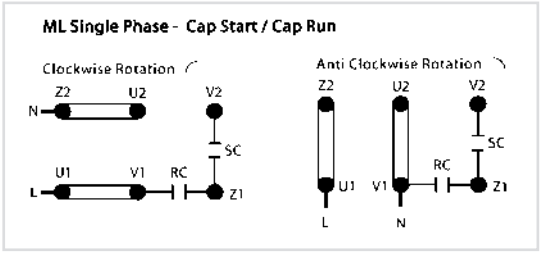
| | | NETT. PRICE | | | |
|---|---|---|---|---|---|
| **PART NO** | **DESCRIPTION** | **B3 - FOOT MOUNT** | | **ALL OTHER MOUNTS** | |
| | | **£ STERLING** | **€ EUROS** | **£ STERLING** | **€ EUROS** |
| 0.2541TCC** | 0.25Kw 1 Phase 110v 4 Pole 1500 RPM, 160mm DIA, 14mm Shaft, D71 Frame, CAP Start - CAP Run | £82.92 | € 111.94 | £88.71 | € 119.76 |
| 0.3741TCC** | 0.37Kw 1 Phase 110v 4 Pole 1500 RPM, 160mm DIA, 14mm Shaft, D71 Frame, CAP Start - CAP Run | £92.26 | € 124.56 | £98.71 | € 133.26 |
| 0.5541TCC** | 0.55Kw 1 Phase 110v 4 Pole 1500 RPM, 200mm DIA, 19mm Shaft, D80 Frame, CAP Start - CAP Run | £120.71 | € 162.96 | £129.18 | € 174.39 |
| 0.7541TCC** | 0.75Kw 1 Phase 110v 4 Pole 1500 RPM, 200mm DIA, 19mm Shaft, D80 Frame, CAP Start - CAP Run | £130.79 | € 176.57 | £139.92 | € 188.90 |
| 1.141TCC** | 1.1Kw 1 Phase 110v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D90S Frame, CAP Start - CAP Run | £161.04 | € 217.40 | £172.31 | € 232.62 |
| 1.541TCC** | 1.5Kw 1 Phase 110v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D90L Frame, CAP Start - CAP Run | £195.08 | € 263.36 | £208.73 | € 281.78 |
| 2.241TCC** | 2.2Kw 1 Phase 110v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D100 Frame, CAP Start - CAP Run | £256.13 | € 345.78 | £274.07 | € 370.00 |
| 3.041TCC** | 3.0Kw 1 Phase 110v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D100 Frame, CAP Start - CAP Run | £298.73 | € 403.28 | £319.64 | € 431.51 |
| 3.741TCC** | 3.7Kw 1 Phase 110v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D112 Frame, CAP Start - CAP Run | £397.77 | € 537.00 | £425.62 | € 574.58 |

N.B.: it is recommended that single phase motors are not stop/started more than 15 times within a 1 hour period in order to allow safe discharge of capacitors.

# SERIES ALUMINIUM HOUSING SINGLE-PHASE 230V MULTI-MOUNT ASYNCHRONOUS MOTOR-DUAL CAPACITORS

www.flowfitonline.com
TECH. DATA SHEET
EM01






TCC aluminium multi-mount single phase 230V dual capacitor asynchronous motors are manufactured to the latest design. All motors conform to IEC standards and offer a comprehensive range up to 3.7KW and aesthetically pleasing design with the flexibility of a multi-mount terminal box and available in all mounting configurations including B14B and B5R. They are suitable for applications where torque requirements are 1.8-2.5 times F.L.T.



B3 – Foot mount

Add this code into the part code instead of the ** for the relevant mount



B34 – Face and Foot mount



B5 – Flange mount



B35 – Flange and Foot mount



B14 – Face mount

| | | NETT. PRICE | | | |
|---|---|---|---|---|---|
| PART NO | DESCRIPTION | B3 - FOOT MOUNT | | ALL OTHER MOUNTS | |
| | | £ STERLING | € EUROS | £ STERLING | € EUROS |
| 0.3721TCC** | 0.37Kw 1 Phase 230v 2 Pole 3000 RPM, 160mm DIA, 14mm Shaft, D71 Frame, CAP Start - CAP Run | £81.65 | € 110.22 | £92.99 | € 125.54 |
| 0.5521TCC** | 0.55Kw 1 Phase 230v 2 Pole 3000 RPM, 200mm DIA, 19mm Shaft, D71 Frame, CAP Start - CAP Run | £89.59 | € 120.94 | £100.93 | € 136.25 |
| 0.7521TCC** | 0.75Kw 1 Phase 230v 2 Pole 3000 RPM, 200mm DIA, 19mm Shaft, D71 Frame, CAP Start - CAP Run | £100.93 | € 136.25 | £112.27 | € 151.56 |
| 1.121TCC** | 1.1Kw 1 Phase 230v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D71 Frame, CAP Start - CAP Run | £110.00 | € 148.50 | £124.74 | € 168.40 |
| 1.521TCC** | 1.5Kw 1 Phase 230v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D71 Frame, CAP Start - CAP Run | £141.75 | € 191.37 | £155.36 | € 209.74 |
| 2.221TCC** | 2.2Kw 1 Phase 230v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D71 Frame, CAP Start - CAP Run | £153.09 | € 206.67 | £168.97 | € 228.11 |
| 3.021TCC** | 3.0Kw 1 Phase 230v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D71 Frame, CAP Start - CAP Run | £189.38 | € 255.66 | £206.39 | € 278.63 |

| | | NETT. PRICE | | | |
|---|---|---|---|---|---|
| PART NO | DESCRIPTION | B3 - FOOT MOUNT | | ALL OTHER MOUNTS | |
| | | £ STERLING | € EUROS | £ STERLING | € EUROS |
| 0.2541TCC** | 0.25Kw 1 Phase 230v 4 Pole 1500 RPM, 160mm DIA, 14mm Shaft, D71 Frame, CAP Start - CAP Run | £66.06 | € 89.19 | £70.72 | € 95.47 |
| 0.3741TCC** | 0.37Kw 1 Phase 230v 4 Pole 1500 RPM, 160mm DIA, 14mm Shaft, D71 Frame, CAP Start - CAP Run | £85.05 | € 114.81 | £96.39 | € 130.13 |
| 0.5541TCC** | 0.55Kw 1 Phase 230v 4 Pole 1500 RPM, 200mm DIA, 19mm Shaft, D71 Frame, CAP Start - CAP Run | £98.66 | € 133.19 | £110.00 | € 148.50 |
| 0.7541TCC** | 0.75Kw 1 Phase 230v 4 Pole 1500 RPM, 200mm DIA, 19mm Shaft, D71 Frame, CAP Start - CAP Run | £102.06 | € 137.79 | £113.40 | € 153.09 |
| 1.141TCC** | 1.1Kw 1 Phase 230v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D71 Frame, CAP Start - CAP Run | £123.61 | € 166.87 | £137.21 | € 185.24 |
| 1.541TCC** | 1.5Kw 1 Phase 230v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D71 Frame, CAP Start - CAP Run | £146.86 | € 198.26 | £163.30 | € 220.45 |
| 2.241TCC** | 2.2Kw 1 Phase 230v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D71 Frame, CAP Start - CAP Run | £193.91 | € 261.78 | £210.92 | € 284.75 |
| 3.041TCC** | 3.0Kw 1 Phase 230v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D71 Frame, CAP Start - CAP Run | £221.13 | € 298.52 | £237.65 | € 320.84 |
| 3.741TCC** | 3.7Kw 1 Phase 230v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D71 Frame, CAP Start - CAP Run | £316.96 | € 427.90 | £339.13 | € 457.82 |

N.B.: it is recommended that single phase motors are not stop/started more than 15 times within a 1 hour period in order to allow safe discharge of capacitors.

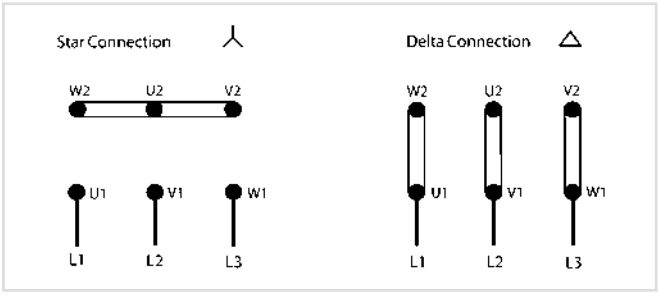
# SERIES ALUMINIUM HOUSING THREE-PHASE MULTI-MOUNT ASYNCHRONOUS MOTOR

www.flowfitonline.com
TECH. DATA SHEET
EM01



TECA series Aluminium Housing 3 Phase Multi-mount motors up to 200 frame, utilising new automated production technology. The motors are manufactured to IEC standard.

Motors are: Easily maintained, light weight with high performance and low noise levels. The multi-mount design offers both O.E.M and stockist greater flexibility where terminal box position is important.




**SERIES THREE-PHASE INDUCTION MOTORS CAST IRON HOUSING**

Multi-mount from 80 to 200 frame

| | |
|---|---|
| • Frame size | H63-355 |
| • Power | 0.12~315kw |
| • Synchronous speed | 3000; 1500; 1000; 750RPM |
| • Voltage | 230/400V; 400/690V |
| • Frequency | 50Hz, 60Hz |
| • Protection class | IP55 |
| • Insulation class | F |
| • Ambi temperature | -30~+40ŻC |
| • Altitude above sea level | < 1000m |

Note – Motors up to and including 15kw are Aluminium housings. 18.5kw upwards are Cast Iron Housing.

| | | NETT. PRICE | | | |
|---|---|---|---|---|---|
| PART NO | DESCRIPTION | B3 - FOOT MOUNT | | ALL OTHER MOUNTS | |
| | | £ STERLING | € EUROS | £ STERLING | € EUROS |
| 0.7523TECA**-IE2 | 0.75Kw 3 Phase 400v 2 Pole 3000 RPM, 200mm DIA, 19mm Shaft, D80 Frame | £98.66 | € 133.19 | £110.00 | € 148.50 |
| 1.123TECA**-IE2 | 1.1Kw 3 Phase 400v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D90 Frame | £107.73 | € 145.43 | £122.47 | € 165.34 |
| 1.523TECA**-IE2 | 1.5Kw 3 Phase 400v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D90 Frame | £138.35 | € 186.78 | £153.09 | € 206.67 |
| 2.223TECA**-IE2 | 2.2Kw 3 Phase 400v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D100 Frame | £140.62 | € 189.83 | £155.36 | € 209.74 |
| 3.023TECA**-IE2 | 3.0Kw 3 Phase 400v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D112 Frame | £176.90 | € 238.82 | £175.77 | € 237.29 |
| 4.023TECA**-IE2 | 4.0Kw 3 Phase 400v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D112 Frame | £195.42 | € 263.81 | £211.04 | € 284.90 |
| 5.523TECA**-IE2 | 5.5Kw 3 Phase 400v 2 Pole 3000 RPM, 300mm DIA, 38mm Shaft, D132 Frame | £293.54 | € 396.28 | £316.39 | € 427.12 |
| 7.523TECA**-IE2 | 7.5Kw 3 Phase 400v 2 Pole 3000 RPM, 300mm DIA, 38mm Shaft, D132 Frame | £331.21 | € 447.14 | £357.73 | € 482.93 |
| 11.023TECA**-IE2 | 11.0Kw 3 Phase 400v 2 Pole 3000 RPM, 350mm DIA, 42mm Shaft, D160 Frame | £510.00 | € 688.50 | £550.80 | € 743.58 |
| 15.023TECA**-IE2 | 15.0Kw 3 Phase 400v 2 Pole 3000 RPM, 350mm DIA, 42mm Shaft, D180 Frame | £577.94 | € 780.22 | £624.19 | € 842.65 |
| 18.523TECA**-IE2 | 18.5Kw 3 Phase 400v 2 Pole 3000 RPM, 350mm DIA, 48mm Shaft, D200 Frame | £676.59 | € 913.39 | £697.65 | € 941.82 |
| 22.023TECA**-IE2 | 22.0Kw 3 Phase 400v 2 Pole 3000 RPM, 350mm DIA, 48mm Shaft, D200 Frame | £756.41 | € 1,021.15 | £816.94 | € 1,102.87 |
| 30.023TECA**-IE2 | 30.0Kw 3 Phase 400v 2 Pole 3000 RPM, 450mm DIA, 60mm Shaft, D250 Frame | £1,043.87 | € 1,409.23 | £1,127.38 | € 1,521.96 |
| 37.023TECA**-IE2 | 37.0Kw 3 Phase 400v 2 Pole 3000 RPM, 450mm DIA, 60mm Shaft, D250 Frame | £1,203.11 | € 1,624.20 | £1,290.77 | € 1,742.55 |



B3 – Foot mount



B5 – Flange mount



B14 – Face mount



B34 – Face and Foot mount



B35 – Flange and Foot mount

Add this code into the part code instead of the ** for the relevant mount

| | | NETT. PRICE | | | |
|---|---|---|---|---|---|
| PART NO | DESCRIPTION | B3 - FOOT MOUNT | | ALL OTHER MOUNTS | |
| | | £ STERLING | € EUROS | £ STERLING | € EUROS |
| 0.7543TECA**-IE2 | 0.75Kw 3 Phase 400v 4 Pole 1500 RPM, 200mm DIA, 19mm Shaft, D80 Frame | £99.79 | € 134.72 | £111.13 | € 150.03 |
| 1.143TECA**-IE2 | 1.1Kw 3 Phase 400v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D90 Frame | £121.34 | € 163.80 | £133.81 | € 180.65 |
| 1.543TECA**-IE2 | 1.5Kw 3 Phase 400v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D90 Frame | £140.62 | € 189.83 | £155.36 | € 209.74 |
| 2.243TECA**-IE2 | 2.2Kw 3 Phase 400v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D100 Frame | £163.30 | € 220.45 | £176.90 | € 238.82 |
| 3.043TECA**-IE2 | 3.0Kw 3 Phase 400v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D112 Frame | £173.50 | € 234.23 | £196.18 | € 264.85 |
| 4.043TECA**-IE2 | 4.0Kw 3 Phase 400v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D112 Frame | £222.17 | € 299.93 | £239.93 | € 323.91 |
| 5.543TECA**-IE2 | 5.5Kw 3 Phase 400v 4 Pole 1500 RPM, 300mm DIA, 38mm Shaft, D132 Frame | £306.14 | € 413.28 | £330.62 | € 446.34 |
| 7.543TECA**-IE2 | 7.5Kw 3 Phase 400v 4 Pole 1500 RPM, 300mm DIA, 38mm Shaft, D132 Frame | £347.37 | € 468.95 | £375.15 | € 506.46 |
| 11.043TECA**-IE2 | 11.0Kw 3 Phase 400v 4 Pole 1500 RPM, 350mm DIA, 42mm Shaft, D160 Frame | £549.51 | € 741.84 | £593.49 | € 801.22 |
| 15.043TECA**-IE2 | 15.0Kw 3 Phase 400v 4 Pole 1500 RPM, 350mm DIA, 42mm Shaft, D180 Frame | £618.29 | € 834.69 | £667.76 | € 901.49 |
| 18.543TECA**-IE2 | 18.5Kw 3 Phase 400v 4 Pole 1500 RPM, 350mm DIA, 48mm Shaft, D200 Frame | £714.84 | € 965.03 | £772.02 | € 1,042.22 |
| 22.043TECA**-IE2 | 22.0Kw 3 Phase 400v 4 Pole 1500 RPM, 350mm DIA, 48mm Shaft, D200 Frame | £832.04 | € 1,123.25 | £898.62 | € 1,213.14 |
| 30.043TECA**-IE2 | 30.0Kw 3 Phase 400v 4 Pole 1500 RPM, 450mm DIA, 60mm Shaft, D250 Frame | £1,130.91 | € 1,526.73 | £1,221.34 | € 1,648.80 |



## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# ELECTRIC MOTOR PUMP SET


| PRODUCT | PAGE |
|---|---|
| HYDRAULIC MOTOR PUMP SETS 240V AND 415V | 256 |
| HYDRAULIC ELECTRIC MOTOR PUMP SET 3.7KW 240V SINGLE PHASE (1PH) WITH 8GPM HI-LO PUMP | 256 |








QUALITY PRODUCTS

FREE ADVICE

FLOWFIT 24 HOUR DELIVERY

# HYDRAULIC MOTOR PUMP SETS 240V AND 415V

www.flowfitonline.com
TECH. DATA SHEET
EMPS1



**ASSEMBLED FROM STOCK ANY COMBINATION OF ELECTRIC MOTOR AND GEAR OR PISTON PUMP.**

**ALL SIZES OF ELECTRIC MOTORS AND PUMPS CATERED FOR, PLEASE ASK FOR DETAILS.**

| PART NO. | FLOW L/MIN | MAX. WORK BAR | PUMP SPEED CC/REV | MOTOR SPEC 50HZ-60HZ | | | ROTATION SPEED RPM | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | VOLTAGE V | POWER KW | PHASE | | £ STERLING | € EUROS |
| ZZ001005 | 3.6 | 210 | 2.5 | 240 | 1.1 | SINGLE | 1450 | £282.21 | € 380.99 |
| ZZ000130 | 5 | 210 | 3.2 | 240 | 2.2 | SINGLE | 1450 | £338.81 | € 457.39 |
| ZZ000129 | 7.2 | 210 | 5.0 | 240 | 3.0 | SINGLE | 1450V | £376.66 | € 508.50 |
| ZZ000119 | 5 | 210 | 3.2 | 415 | 2.2 | 3 | 1450 | £254.46 | € 343.52 |
| ZZ000121 | 7.2 | 210 | 5.0 | 415 | 3.0 | 3 | 1450 | £401.25 | € 541.70 |
| ZZ000122 | 9 | 210 | 6 | 415 | 4.0 | 3 | 1450 | £387.45 | € 523.05 |
| ZZ000123 | 16 | 175 | 11 | 415 | 5.5 | 3 | 1450 | £615.03 | € 830.28 |
| ZZ000124 | 22 | 175 | 14 | 415 | 7.5 | 3 | 1450 | £590.03 | € 796.53 |

# HYDRAULIC ELECTRIC MOTOR PUMP SET 3.7KW 240V SINGLE PHASE (1PH) WITH 8GPM HI-LO PUMP





This two stage motor pump set can offer a faster cycle time than a conventional gear motor setup. The Hi-Lo Pump is preset at 900 psi for the low pressure pump and 3000 psi for the high pressure. The change from Lo to Hi pressure is automatic with the Lo side pressure pre set from 400 psi to 900 psi.

www.flowfitonline.com
TECH. DATA SHEET
EMPS1

Applications for the Hi-Lo pump are log splitters and presses where rapid movement of cylinder at low pressure is required prior to automatically switching to high pressure mode to meet load requirements.

**The Hi-Lo pump set consists of:**

- Single Phase 240V 3.7KW 2 Pole Motor.
- Flowfit 8 GPM Hi-Lo gear pump, giving 24 L/min @ 900PSI at 2850 RPM and 6 L/min @ 300 PSI at 2850 RPM
- Flowfit bell housing and drive coupling.
- 22 Amp Load current – To be wired direct on line from a starter. (Does not include wiring).
- Industrial wiring to be used.
- If you are in doubt on the wiring then please consult a fully qualified electrician.

These units are perfect for installations where it is not suitable for engine driven log splitter or presses.

| TOTAL FLOW | TOTAL FLOW |
|---|---|
| 24 L/min @ 900PSI and 2850 RPM | 6 L/min @ 300PSI and 2850 RPM |
| 24 L/min | 6 L/min |

| PART NO. | MOTOR SPEC 50HZ-60HZ | | | GPM | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | VOLTAGE V | POWER KW | PHASE | | £ STERLING | € EUROS |
| ZZ005464 | 240 | 3.7 | SINGLE | 8 | £540.58 | € 729.79 |

## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# HYDRAULIC HANDPUMPS


| PRODUCT | PAGE |
|---|---|
| PMP20S 20CM3 SINGLE ACTING HANDPUMP | 258 |
| PMO50S 50CM3 SINGLE ACTING HANDPUMP | 258 |
| PMO70S 70CM3 SINGLE ACTING HANDPUMP | 259 |
| PMP20 BYBS 20CM3 SINGLE ACTING HANDPUMP | 259 |
| PMO50 BYBS 50CM3 DOUBLE ACTING HANDPUMP FOR SINGLE ACTING CIRCUITS | 260 |
| PMO70 BYBS 70CM3 DOUBLE ACTING HANDPUMP FOR SINGLE ACTING CIRCUITS | 260 |
| PM 6-12-25-45 BYB-S SINGLE ACTING HANDPUMPS | 261 |
| PMD 6-12-25-45 BYB-S DOUBLE ACTING HANDPUMPS | 261 |
| PMDVB 6-12-25-45 BYAB-S DOUBLE ACTING HANDPUMPS | 262 |
| PMP25E SINGLE ACTING HANDPUMPS | 262 |
| PPSE15 BYB SINGLE ACTING HANDPUMPS | 263 |
| STRAIGHT LEVERS FOR HAND PUMPS | 263 |
| FOLD LEVERS FOR HAND PUMPS | 263 |
| STEEL OIL TANKS FOR HANDPUMPS | 264 |











**QUALITY PRODUCTS**

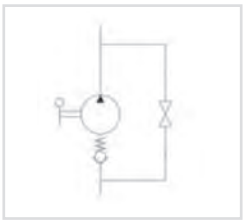
**FREE ADVICE**

If the part number needed is not listed please ask the Flowfit Sales Team

# PMP20S 20cm³ SINGLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
HH01



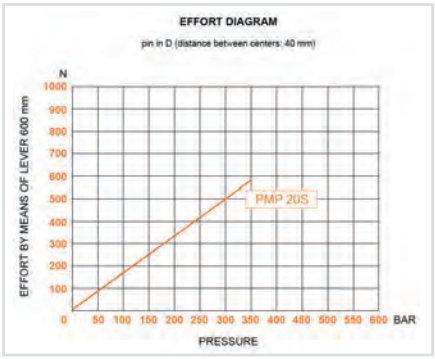


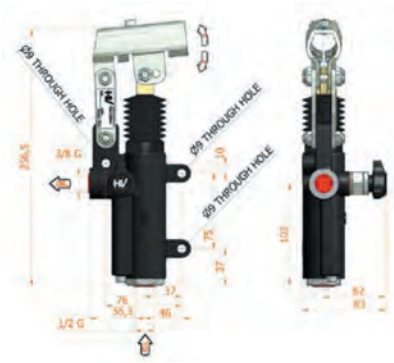
With release hand knob

To operate a single acting cylinder and to provide manual handpump flow

**SPECIFICATIONS**

- Piston treated with Niploy
- Lever connection: Ø 27
- Standard colour: Black



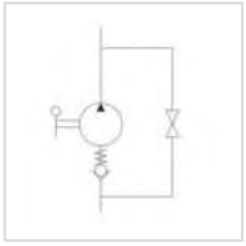




| DISPLACEMENT CM³ | D ° | E ° | ACTUAL DISPLACEMENT CM³ | PRESSURE BAR | | MASS KG | CODE WITH BELLOWS | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | WORK P. | MAX | | | £ STERLING | € EUROS |
| 20 | 32 | 30 | 20,090 | 280 | 350 | 2,650 | 6074.0059 | £63.50 | € 85.73 |

# PMO50S 50cm³ SINGLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
HH02



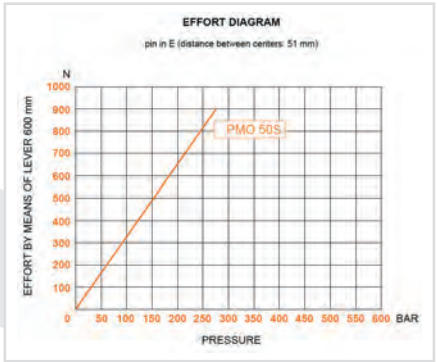


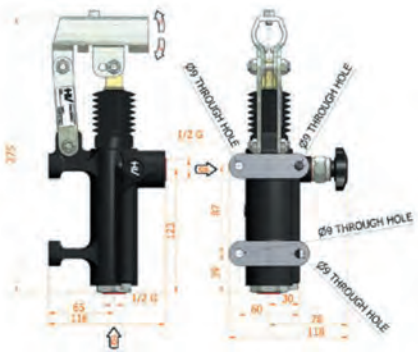
With release hand knob

To operate a single acting cylinder and to provide manual handpump flow

SPECIFICATIONS

- Piston treated with Niploy
- Lever connection: Ø 27
- Standard colour: Black



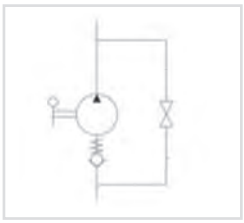

| DISPLACEMENT CM³ | D ° | E ° | ACTUAL DISPLACEMENT CM³ | PRESSURE BAR | | MASS KG | CODE WITH BELLOWS | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | WORK P. | MAX | | | £ STERLING | € EUROS |
| 50 | 38 | 37 | 43.825 | 220 | 280 | 3,400 | 6077.0032 | £73.71 | € 99.51 |

**ALL INCLUDE RUBBER BELLOWS AND RELIEF VALVE AS STANDARD**

# PMO70S 70cm³ SINGLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
HH03



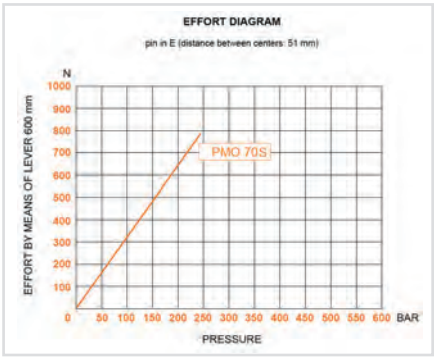


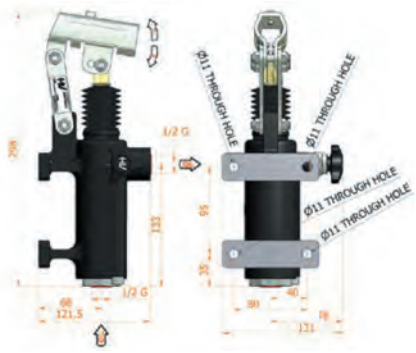
With release hand knob

To operate a single acting cylinder and to provide manual handpump flow

**SPECIFICATIONS**

- Piston treated with Niploy
- Lever connection: Ø 27
- Standard colour: Black



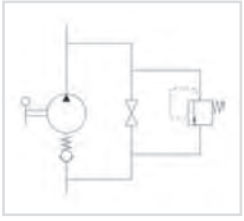




| DISPLACEMENT CM³ | D ° | E ° | ACTUAL DISPLACEMENT CM³ | PRESSURE BAR | | MASS KG | CODE WITH BELLOWS | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | WORK P. | MAX | | | £ STERLING | € EUROS |
| 70 | 45 | 40 | 70.233 | 180 | 230 | 5.100 | 6079.0032 | £96.39 | € 130.13 |

# PMP20 BYBS 20cm³ SINGLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
HH04



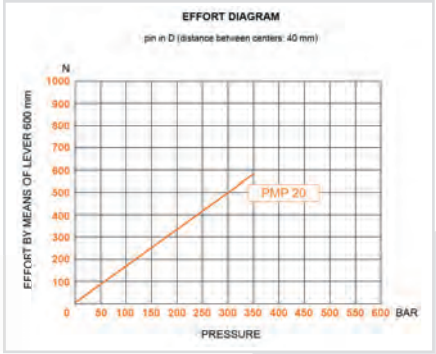


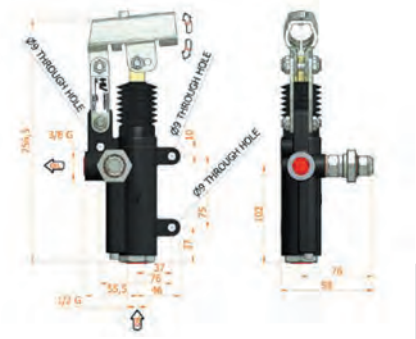
With release nut. With pressure relief valve Double acting hand pump for single acting cylinder for fixing to wall

**SPECIFICATIONS**

- Piston treated with Niploy
- Lever connection: Ø 27
- Standard colour: Black
- Pressure relief valve standard setting: 100 bar

**RELIEF VALVE ADJUSTMENT**
Unscrew dome cover and adjust screw inwards to increase pressure setting. Factory set at 100 bar.



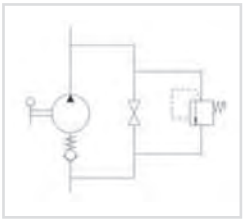

| DISPLACEMENT CM³ | D ° | E ° | ACTUAL DISPLACEMENT CM³ | PRESSURE BAR | | MASS KG | CODE WITH BELLOWS | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | WORK P. | MAX | | | £ STERLING | € EUROS |
| 20 | 32 | 30 | 20,090 | 280 | 350 | 2,650 | 6074.0065 | £66.91 | € 90.32 |

SEE PAGE 263 FOR LEVERS

# PMO50 BYBS 50cm³ DOUBLE ACTING HANDPUMP FOR SINGLE ACTING CIRCUITS

www.flowfitonline.com
TECH. DATA SHEET
HH05

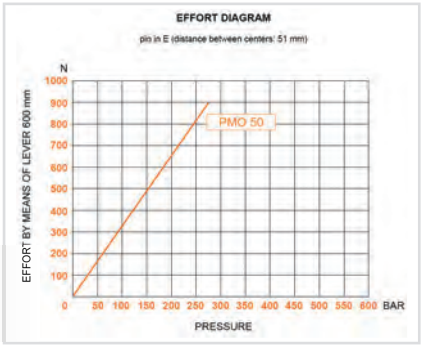


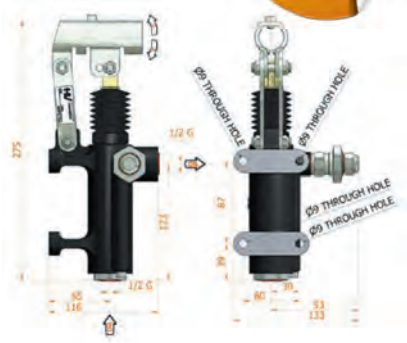


With release nut. With pressure relief valve
Double acting hand pump for single acting cylinder for fixing to wall

**SPECIFICATIONS**
- Piston treated with Niploy
- Lever connection: Ø 27
- Standard colour: Black
- Pressure relief valve standard setting: 100 bar

Includes Rubber Bellows and Release Hand Knob as standard



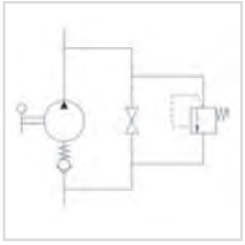

**RELIEF VALVE ADJUSTMENT**
Unscrew dome cover and adjust screw inwards to increase pressure setting. Factory set at 100 bar.

| DISPLACEMENT CM³ | D ° | E ° | ACTUAL DISPLACEMENT CM³ | PRESSURE BAR WORK P. | PRESSURE BAR MAX | MASS KG | CODE WITH BELLOWS | NETT. PRICE £ STERLING | NETT. PRICE € EUROS |
|---|---|---|---|---|---|---|---|---|---|
| 50 | 38 | 37 | 43.825 | 220 | 280 | 3,400 | 6077.0037 | £77.11 | € 104.10 |

# PMO70 BYBS 70cm³ DOUBLE ACTING HANDPUMP FOR SINGLE ACTING CIRCUITS

www.flowfitonline.com
TECH. DATA SHEET
HH06

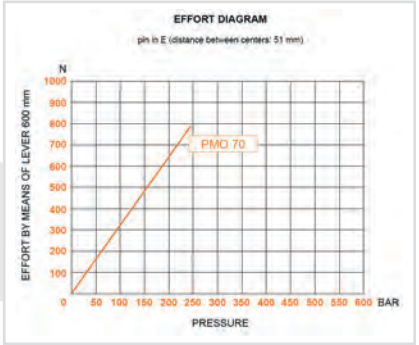




With release nut.
With pressure relief valve
Double acting hand pump for single acting cylinder for fixing to wall

**SPECIFICATIONS**
- Piston treated with Niploy
- Lever connection: Ø 27
- Standard colour: Black
- Pressure relief valve standard setting: 100 bar

Includes Rubber Bellows and Release Hand Knob as standard







**RELIEF VALVE ADJUSTMENT**
Unscrew dome cover and adjust screw inwards to increase pressure setting. Factory set at 100 bar.

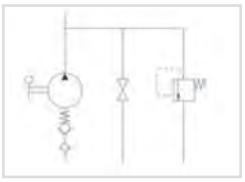
| DISPLACEMENT CM³ | D ° | E ° | ACTUAL DISPLACEMENT CM³ | PRESSURE BAR WORK P. | PRESSURE BAR MAX | MASS KG | CODE WITH BELLOWS | NETT. PRICE £ STERLING | NETT. PRICE € EUROS |
|---|---|---|---|---|---|---|---|---|---|
| 70 | 45 | 40 | 70.233 | 180 | 230 | 5.100 | 6079.0037 | £102.06 | € 137.79 |

SEE PAGE 263 FOR LEVERS

# PM 6-12-25-45 BYB-S
# SINGLE ACTING HANDPUMPS

www.flowfitonline.com
TECH. DATA SHEET
HH07

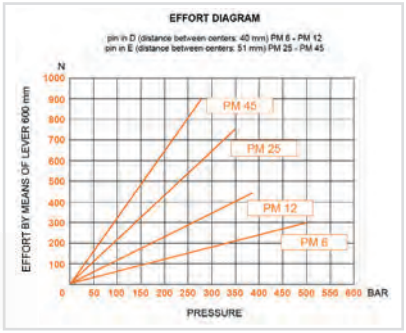


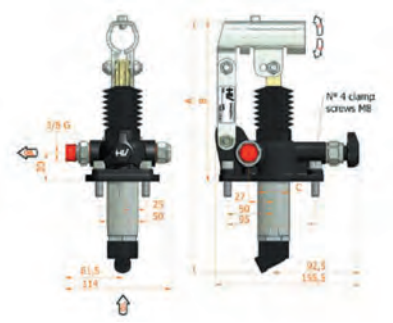


With release hand knob. With pressure relief valve
Double acting hand pump for single acting cylinder
for fixing to tank

**SPECIFICATIONS**

- Piston treated with Niploy
- Lever connection: Ø 27
- Standard colour: Black
- Mounting kit and seals included
- Pressure relief valve standard setting: 100 bar



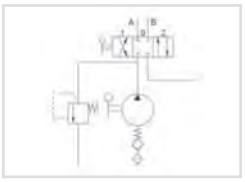

**RELIEF VALVE ADJUSTMENT**
Unscrew dome cover and adjust screw inwards to increase pressure setting. Factory set at 100 bar.

| DISPLACEMENT CM³ | A MM | B MM | C MM | D ° | E ° | ACTUAL DISPLACEMENT CM³ | PRESSURE BAR WORK P. | PRESSURE BAR MAX | MASS KG | CODE WITH BELLOWS | NETT. PRICE £ STERLING | NETT. PRICE € EUROS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 253 | 166 | 34 | 26 | 31 | 6.970 | 450 | 500 | 2.900 | 6049.0117 | £58.97 | € 79.61 |
| 12 | 253 | 166 | 34 | 26 | 31 | 12.095 | 320 | 380 | 2.900 | 6050.0117 | £58.97 | € 79.61 |
| 25 | 273 | 172 | 34 | 30 | 30 | 25.280 | 280 | 350 | 2.950 | 6051.0117 | £58.97 | € 79.61 |
| 45 | 283 | 172 | 40 | 45 | 33 | 44.532 | 220 | 280 | 3.00 | 6052.0117 | £62.37 | € 84.20 |

# PMD 6-12-25-45 BYB-S
# DOUBLE ACTING HANDPUMPS

www.flowfitonline.com
TECH. DATA SHEET
HH08

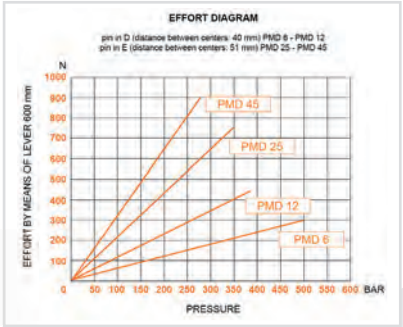


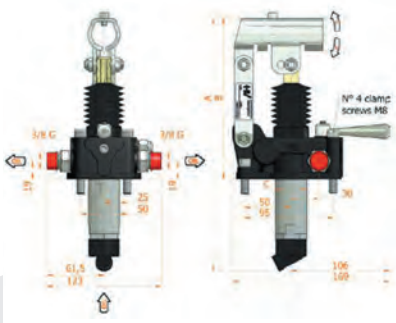


With 4/3 flow divider closed centre. With pressure relief valve
Double acting hand pump for a double acting cylinder
for fixing to tank

**SPECIFICATIONS**

- Piston treated with Niploy
- Lever connection: Ø 27
- Standard colour: Black
- Mounting kit and seals included
- Pressure relief valve standard setting: 100 bar




**RELIEF VALVE ADJUSTMENT**
Unscrew dome cover and adjust screw inwards to increase pressure setting. Factory set at 100 bar.

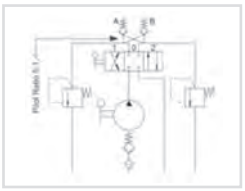
| DISPLACEMENT CM³ | A MM | B MM | C MM | D ° | E ° | ACTUAL DISPLACEMENT CM³ | PRESSURE BAR WORK P. | PRESSURE BAR MAX | MASS KG | CODE WITH BELLOWS | NETT. PRICE £ STERLING | NETT. PRICE € EUROS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 253 | 166 | 34 | 26 | 31 | 6.970 | 450 | 500 | 3.400 | 6054.0046 | £63.50 | € 85.73 |
| 12 | 253 | 166 | 34 | 26 | 31 | 12.095 | 320 | 380 | 3.400 | 6055.0046 | £63.50 | € 85.73 |
| 25 | 273 | 172 | 34 | 30 | 30 | 25.280 | 280 | 350 | 3.450 | 6056.0046 | £63.50 | € 85.73 |
| 45 | 283 | 172 | 40 | 45 | 33 | 44.532 | 220 | 280 | 3.500 | 6057.0046 | £66.69 | € 90.03 |

**ALL INCLUDE RUBBER BELLOWS AND RELIEF VALVE AS STANDARD**

# PMDVB 6-12-25-45 BYAB-S DOUBLE ACTING HANDPUMPS

www.flowfitonline.com
TECH. DATA SHEET
HH09

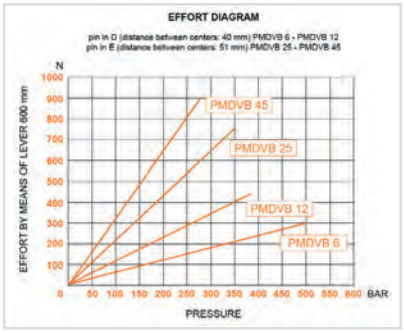


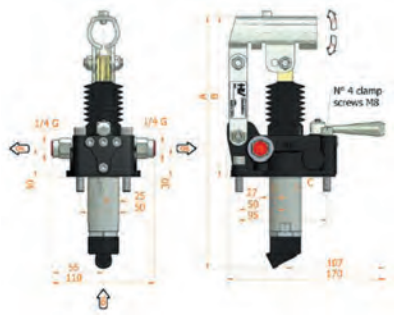


With 4/3 flow divider, With dual pilot check valve. With brakes - with pressure relief valve. Double acting hand pump for a double acting cylinder for fixing to tank

**SPECIFICATIONS**

- Piston treated with Niploy
- Lever connection: Ø 27
- Standard colour: Black
- Mounting kit and seals included
- With hydraulic brakes to operate even with pressure less than 50 bar
- Pressure relief valve standard setting: 100 bar

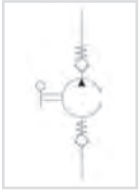



| DISPLACEMENT CM³ | A MM | B MM | C MM | D ° | E ° | ACTUAL DISPLACEMENT CM³ | PRESSURE BAR WORK P. | PRESSURE BAR MAX | MASS KG | CODE WITH BELLOWS | NETT. PRICE £ STERLING | NETT. PRICE € EUROS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 253 | 166 | 34 | 26 | 31 | 6.970 | 450 | 500 | 3.400 | 6059.0105 | £81.09 | € 109.47 |
| 12 | 253 | 166 | 34 | 26 | 31 | 12.095 | 320 | 380 | 3.400 | 6060.0105 | £81.09 | € 109.47 |
| 25 | 273 | 172 | 34 | 30 | 30 | 25.280 | 280 | 350 | 3.450 | 6061.0105 | £82.78 | € 111.76 |
| 45 | 283 | 172 | 40 | 45 | 33 | 44.532 | 220 | 280 | 3.500 | 6062.0105 | £82.78 | € 111.76 |

# PMP25E SINGLE ACTING HANDPUMPS

www.flowfitonline.com
TECH. DATA SHEET
HH10

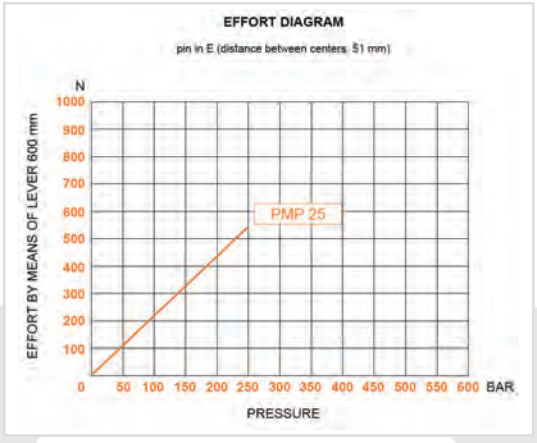


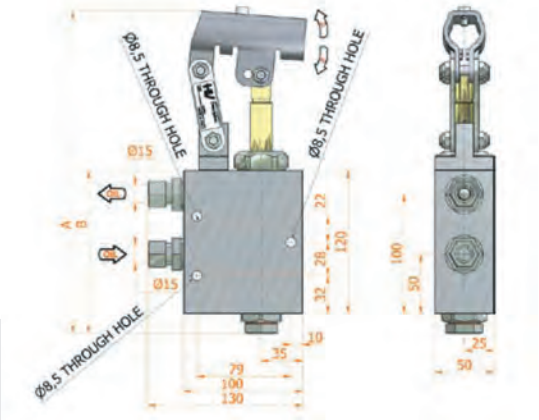
Without release hand knob

Single acting hand pump for a single acting cylinder

**SPECIFICATIONS**

- Piston treated with Niploy 30 micron to provide a higher resistance to salt spray corrosion
- Lever connection: Ø 27
- Support lever in stainless steel
- Aluminium anticorodal body

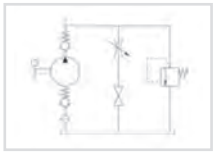



| DISPLACEMENT CM³ | A MM | B MM | D ° | E ° | ACTUAL DISPLACEMENT CM³ | MAX PRESSURE BAR | MASS KG | CODE WITH BELLOWS | NETT. PRICE £ STERLING | NETT. PRICE € EUROS |
|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 270 | 136 | 26 | 29 | 24.285 | 280 | 3.00 | 6075.0101 | £103.73 | € 140.04 |

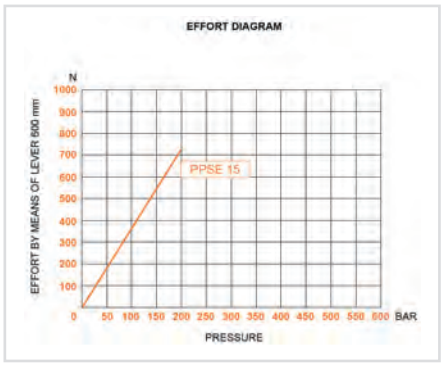
# PPSE15 BYB SINGLE ACTING HANDPUMPS

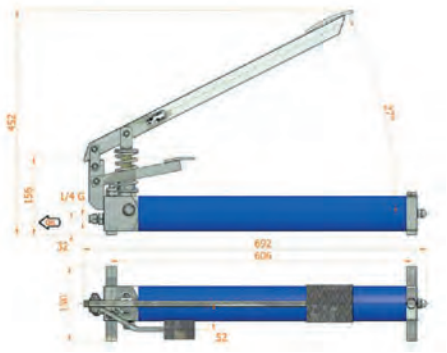
www.flowfitonline.com
TECH. DATA SHEET
HH11



With release lever
With pressure relief valve
Single acting pump for a single acting cylinder
With cylindrical tank

**SPECIFICATIONS**
- Piston treated with Niploy
- Standard colour: Blue
- Pressure relief valve standard setting: 200 bar




| DISPLACEMENT CM³ | ACTUAL DISPLACEMENT CM³ | PRESSURE BAR | | MASS KG | CODE WITH BELLOWS | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | WORK P. | MAX | | | £ STERLING | € EUROS |
| 15 | 14.130 | 150 | 230 | 10.000 | 6090.0001 | £189.80 | € 256.23 |

# STRAIGHT LEVERS FOR HAND PUMPS

www.flowfitonline.com
TECH. DATA SHEET
HH12



Straight lever
White zincate

**SPECIFICATIONS**
- Hand grip colour: Black
- Standard lever Ø 27 x 600

| LEVER | OD OF LEVER MM | LENGTH OF LEVER MM | WEIGHT KG | LEVER FOR HAND PUMP | CODE | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | £ STERLING |
| L 20x500 zb-d | 20 | 500 | 0.40 | PM PMD PMDVB PMO PMP PMSE 20-30-40 PM2V 5-80 | 6800.0000 | £7.16 | € 9.67 |
| L 207x330 zb-d | 27 | 330 | 0.50 | PM PMD PMDVB PMO PMP PMSE 20-30-40 PM2V 5-80 | 6800.0005 | £7.88 | € 10.65 |
| L 27x400 zb-d | 27 | 400 | 0.60 | PM PMD PMDVB PMO PMP PMSE 20-30-40 PM2V 5-80 | 6800.0007 | £7.88 | € 10.65 |
| L 27x600 zb-d | 27 | 600 | 0.90 | PM PMD PMDVB PMO PMP PMSE 20-30-40 PM2V 5-80 | 6800.0009 | £7.88 | € 10.65 |
| L 27x850 zb-d | 27 | 850 | 1.20 | PM PMD PMDVB PMO PMP PMSE 20-30-40 PM2V 5-80 | 6800.0011 | £10.97 | € 14.82 |
| L 207x1000 zb-d | 27 | 1000 | 1.50 | PM PMD PMDVB PMO PMP PMSE 20-30-40 PM2V 5-80 | 6800.0013 | £13.15 | € 17.76 |
| L 27x1500 zb-d | 27 | 1500 | 2.20 | PM PMD PMDVB PMO PMP PMSE 20-30-40 PM2V 5-80 | 6800.0027 | £21.29 | € 28.74 |

# FOLD LEVERS FOR HAND PUMPS

www.flowfitonline.com
TECH. DATA SHEET
HH12



Fold lever
White zincate

**SPECIFICATIONS**
- Hand grip colour: Black

| LEVER | A MM | B MM | C MM | S MM | L MM | WEIGHT KG | LEVER FOR HAND PUMP | CODE | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | £ STERLING |
| L 27x600 zb-d | 140 | 100 | 31° | 27 | 415 | 0.90 | PM PMD PMDVB PMO PMP PMSE 20-30-40 PM2V 5-80 | 6800.0020 | £12.40 | € 16.74 |

# STEEL OIL TANKS FOR HANDPUMPS

www.flowfitonline.com
TECH. DATA SHEET
HH13

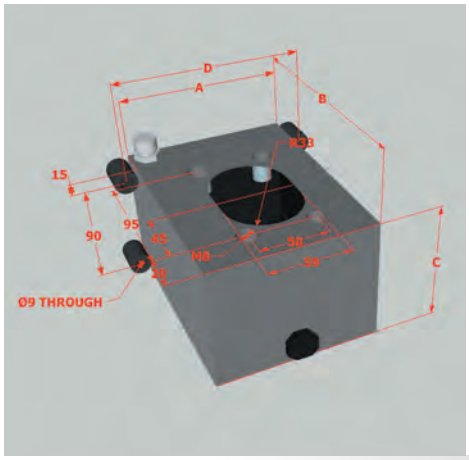
Painted steel oil tank for hand pumps

**SPECIFICATIONS**
• Standard colour: Black



| CAPACITY LITRES | A MM | B MM | C MM | D MM | WEIGHT KG | SUCTION PIPE | CODE | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| 1 | 100 | 150 | 120 | 120 | 2.200 | Ø10x85 mm | 6500.0140 | £21.55 | € 29.08 |
| 2 | 100 | 150 | 185 | 120 | 3.000 | Ø10x114 mm | 6500.0141 | £22.68 | € 30.62 |
| 3 | 100 | 150 | 255 | 120 | 3.700 | Ø10x180 mm | 6500.0142 | £27.22 | € 36.74 |
| 5 | 175 | 175 | 200 | 195 | 5.300 | Ø10x156 mm | 6500.0143 | £29.48 | € 39.81 |
| 7 | 175 | 175 | 275 | 195 | 6.600 | Ø10x215 mm | 6500.0144 | £31.75 | € 42.87 |
| 10 | 175 | 175 | 380 | 195 | 8.300 | Ø10x325 mm | 6500.0145 | £40.82 | € 55.11 |
| 20 | 175 | 175 | 780 | 195 | 16.000 | Ø10x720 mm | 6500.0149 | £89.59 | € 120.94 |

| CAPACITY LITRES | A MM | B MM | C MM | D MM | MASS KG | CODE |
|---|---|---|---|---|---|---|
| 1 | 100 | 150 | 120 | 120 | 2.2 | 6500.0140 |
| 2 | 100 | 150 | 185 | 120 | 3 | 6500.0141 |
| 2 | 150 | 150 | 105 | 170 | 2.4 | 6500.0151 |
| 3 | 100 | 150 | 255 | 120 | 3.7 | 6500.0142 |
| 3 | 150 | 150 | 156 | 170 | 3 | 6500.0152 |
| 5 | 150 | 150 | 245 | 170 | 3.1 | 6500.0153 |
| 5 | 175 | 175 | 200 | 195 | 5.3 | 6500.0143 |
| 7 | 150 | 150 | 340 | 170 | 5.3 | 6500.0154 |
| 7 | 175 | 175 | 275 | 195 | 6.6 | 6500.0144 |
| 10 | 150 | 150 | 485 | 170 | 7.1 | 6500.0155 |
| 10 | 175 | 175 | 380 | 195 | 8.3 | 6500.0145 |
| 13 | 175 | 175 | 485 | 195 | 10.8 | 6500.0147 |
| 15 | 175 | 175 | 600 | 195 | 12.1 | 6500.0148 |
| 20 | 175 | 175 | 780 | 195 | 16 | 6500.0149 |



## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# SINGLE ACTING HANDPUMP ASSEMBLIES


| PRODUCT | PAGE |
|---|---|
| 6CM3 SINGLE ACTING HANDPUMP | 266 |
| 12CM3 SINGLE ACTING HANDPUMP | 266 |
| 25CM3 SINGLE ACTING HANDPUMP | 267 |
| 45CM3 SINGLE ACTING HANDPUMP | 267 |











QUALITY PRODUCTS

FREE ADVICE

FOR SALES & ADVICE CALL US 01584 876033

# 6cm³ SINGLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
SAHA1


1 Litre Tank


2 Litre Tank


3 Litre Tank

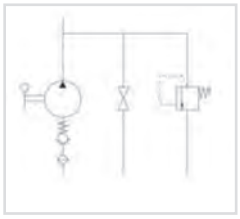

5 Litre Tank


7 Litre Tank


10 Litre Tank

All hand pumps are fully interchangeable with other leading Italian manufacturers and are supplied with rubber protection for the piston, pressure relief valve, check valve to lock a single acting cylinder and release knob.

Displacements, tank size and pressures as shown in the table below.



| PART NO. | DISPLACEMENT CM³ | TANK SIZE LITRES | MAX WORKING PRESSURE BAR | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ000936 | 6 | 1 | 450 | 500 | £80.51 | € 108.69 |
| ZZ000937 | 6 | 2 | 450 | 500 | £81.65 | € 110.22 |
| ZZ000938 | 6 | 3 | 450 | 500 | £86.18 | € 116.35 |
| ZZ000939 | 6 | 5 | 450 | 500 | £88.45 | € 119.42 |
| ZZ000940 | 6 | 7 | 450 | 500 | £90.72 | € 122.47 |
| ZZ000941 | 6 | 10 | 450 | 500 | £99.79 | € 134.72 |
| ZZ006516 | 6 | 20 | 450 | 500 | £243.62 | € 328.88 |

# 12cm³ SINGLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
SAHA2


1 Litre Tank


2 Litre Tank


3 Litre Tank

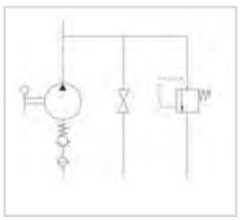

5 Litre Tank


7 Litre Tank


10 Litre Tank

All hand pumps are fully interchangeable with other leading Italian manufacturers and are supplied with rubber protection for the piston, pressure relief valve, check valve to lock a single acting cylinder and release knob.

Displacements, tank size and pressures as shown in the table below.



| PART NO. | DISPLACEMENT CM³ | TANK SIZE LITRES | MAX WORKING PRESSURE BAR | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ000942 | 12 | 1 | 320 | 380 | £80.51 | € 108.69 |
| ZZ000943 | 12 | 2 | 320 | 380 | £81.65 | € 110.22 |
| ZZ000944 | 12 | 3 | 320 | 380 | £86.18 | € 116.35 |
| ZZ000945 | 12 | 5 | 320 | 380 | £88.45 | € 119.42 |
| ZZ000946 | 12 | 7 | 320 | 380 | £90.72 | € 122.47 |
| ZZ000947 | 12 | 10 | 320 | 380 | £99.79 | € 134.72 |
| ZZ006517 | 12 | 20 | 320 | 380 | £243.62 | € 328.88 |

# 25cm³ SINGLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
SAHA3


1 Litre Tank


2 Litre Tank


3 Litre Tank

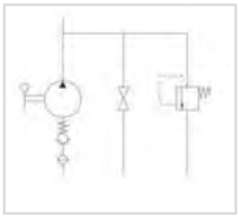

5 Litre Tank


7 Litre Tank


10 Litre Tank

All hand pumps are fully interchangeable with other leading Italian manufacturers and are supplied with rubber protection for the piston, pressure relief valve, check valve to lock a single acting cylinder and release knob.

Displacements, tank size and pressures as shown in the table below.



| PART NO. | DISPLACEMENT CM³ | TANK SIZE LITRES | MAX WORKING PRESSURE BAR | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ000948 | 25 | 1 | 280 | 350 | £80.51 | € 108.69 |
| ZZ000949 | 25 | 2 | 280 | 350 | £81.65 | € 110.22 |
| ZZ000950 | 25 | 3 | 280 | 350 | £86.18 | € 116.35 |
| ZZ000951 | 25 | 5 | 280 | 350 | £88.45 | € 119.42 |
| ZZ000952 | 25 | 7 | 280 | 350 | £90.72 | € 122.47 |
| ZZ000953 | 25 | 10 | 280 | 350 | £99.79 | € 134.72 |
| ZZ006518 | 25 | 20 | 280 | 350 | £245.79 | € 331.81 |

# 45cm³ SINGLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
SAHA4


1 Litre Tank


2 Litre Tank


3 Litre Tank

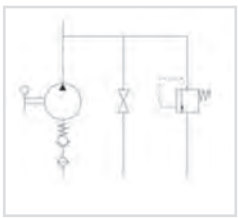

5 Litre Tank


7 Litre Tank


10 Litre Tank

All hand pumps are fully interchangeable with other leading Italian manufacturers and are supplied with rubber protection for the piston, pressure relief valve, check valve to lock a single acting cylinder and release knob.

Displacements, tank size and pressures as shown in the table below.



| PART NO. | DISPLACEMENT CM³ | TANK SIZE LITRES | MAX WORKING PRESSURE BAR | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ000954 | 45 | 1 | 220 | 280 | £83.92 | € 113.29 |
| ZZ000955 | 45 | 2 | 220 | 280 | £85.05 | € 114.81 |
| ZZ000956 | 45 | 3 | 220 | 280 | £89.59 | € 120.94 |
| ZZ000957 | 45 | 5 | 220 | 280 | £91.85 | € 124.01 |
| ZZ000958 | 45 | 7 | 220 | 280 | £94.12 | € 127.06 |
| ZZ000959 | 45 | 10 | 220 | 280 | £103.19 | € 139.31 |
| ZZ006519 | 45 | 20 | 220 | 280 | £247.22 | € 333.75 |

## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# DOUBLE ACTING HANDPUMP ASSEMBLIES


| PRODUCT | PAGE |
|---|---|
| 6CM3 DOUBLE ACTING HANDPUMP | 269 |
| 12CM3 DOUBLE ACTING HANDPUMP | 269 |
| 25CM3 DOUBLE ACTING HANDPUMP | 270 |
| 45CM3 DOUBLE ACTING HANDPUMP | 270 |











QUALITY PRODUCTS

FREE ADVICE

FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

# 6cm³ DOUBLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
DAHA1


1 Litre Tank


2 Litre Tank


3 Litre Tank


5 Litre Tank

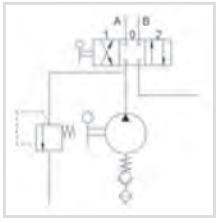

7 Litre Tank


10 Litre Tank

All hand pumps are fully interchangeable with other leading Italian manufacturers.

Supplied with rubber protection for the piston, pressure relief valve and 4/3 flow divider closed centre.

Displacements, tank size and pressures as shown in the table below.



| PART NO. | DISPLACEMENT CM³ | TANK SIZE LITRES | MAX WORKING PRESSURE BAR | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ000960 | 6 | 1 | 450 | 500 | £85.05 | € 114.81 |
| ZZ000961 | 6 | 2 | 450 | 500 | £86.18 | € 116.35 |
| ZZ000962 | 6 | 3 | 450 | 500 | £90.72 | € 122.47 |
| ZZ000963 | 6 | 5 | 450 | 500 | £92.99 | € 125.54 |
| ZZ000964 | 6 | 7 | 450 | 500 | £95.26 | € 128.60 |
| ZZ000965 | 6 | 10 | 450 | 500 | £104.33 | € 140.84 |
| ZZ006512 | 6 | 20 | 450 | 500 | £256.61 | € 346.42 |

# 12cm³ DOUBLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
DAHA2


1 Litre Tank


2 Litre Tank


3 Litre Tank


5 Litre Tank

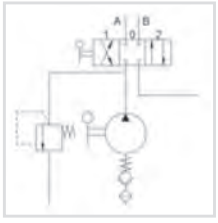

7 Litre Tank


10 Litre Tank

All hand pumps are fully interchangeable with other leading Italian manufacturers.

Supplied with rubber protection for the piston, pressure relief valve and 4/3 flow divider closed centre.

Displacements, tank size and pressures as shown in the table below.



| PART NO. | DISPLACEMENT CM³ | TANK SIZE LITRES | MAX WORKING PRESSURE BAR | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ000966 | 12 | 1 | 320 | 380 | £85.05 | € 114.81 |
| ZZ000967 | 12 | 2 | 320 | 380 | £86.18 | € 116.35 |
| ZZ000968 | 12 | 3 | 320 | 380 | £90.72 | € 122.47 |
| ZZ000969 | 12 | 5 | 320 | 380 | £92.99 | € 125.54 |
| ZZ000970 | 12 | 7 | 320 | 380 | £95.26 | € 128.60 |
| ZZ000971 | 12 | 10 | 320 | 380 | £104.33 | € 140.84 |
| ZZ006513 | 12 | 20 | 320 | 380 | £256.61 | € 345.55 |

# 25cm³ DOUBLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
DAHA3


1 Litre Tank


2 Litre Tank


3 Litre Tank


5 Litre Tank

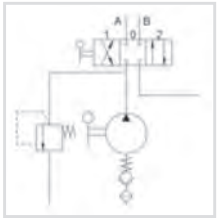

7 Litre Tank


10 Litre Tank

All hand pumps are fully interchangeable with other leading Italian manufacturers.

Supplied with rubber protection for the piston, pressure relief valve and 4/3 flow divider closed centre.

Displacements, tank size and pressures as shown in the table below.



| PART NO. | DISPLACEMENT CM³ | TANK SIZE LITRES | MAX WORKING PRESSURE BAR | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ000972 | 25 | 1 | 280 | 350 | £85.05 | € 114.81 |
| ZZ000973 | 25 | 2 | 280 | 350 | £86.18 | € 116.35 |
| ZZ000974 | 25 | 3 | 280 | 350 | £90.72 | € 122.47 |
| ZZ000975 | 25 | 5 | 280 | 350 | £92.99 | € 125.54 |
| ZZ000976 | 25 | 7 | 280 | 350 | £95.26 | € 128.60 |
| ZZ000977 | 25 | 10 | 280 | 350 | £104.33 | € 140.84 |
| ZZ006514 | 25 | 20 | 280 | 350 | £255.96 | € 345.55 |

# 45cm³ DOUBLE ACTING HANDPUMP

www.flowfitonline.com
TECH. DATA SHEET
DAHA4


1 Litre Tank


2 Litre Tank


3 Litre Tank


5 Litre Tank

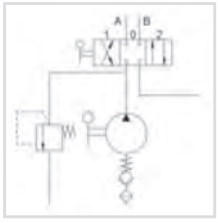

7 Litre Tank


10 Litre Tank

All hand pumps are fully interchangeable with other leading Italian manufacturers.

Supplied with rubber protection for the piston, pressure relief valve and 4/3 flow divider closed centre.

Displacements, tank size and pressures as shown in the table below.



| PART NO. | DISPLACEMENT CM³ | TANK SIZE LITRES | MAX WORKING PRESSURE BAR | MAX PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| ZZ000978 | 45 | 1 | 220 | 280 | £88.45 | € 119.42 |
| ZZ000979 | 45 | 2 | 220 | 280 | £89.59 | € 120.94 |
| ZZ000980 | 45 | 3 | 220 | 280 | £94.12 | € 127.06 |
| ZZ000981 | 45 | 5 | 220 | 280 | £96.39 | € 130.13 |
| ZZ000982 | 45 | 7 | 220 | 280 | £98.66 | € 133.19 |
| ZZ000983 | 45 | 10 | 220 | 280 | £107.73 | € 145.43 |
| ZZ006515 | 45 | 20 | 220 | 280 | £259.49 | € 350.31 |

## GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS

# HANDPUMP AND POWERPACK TRAILER KITS


| PRODUCT | PAGE |
|---|---|
| SINGLE ACTING HANDPUMP AND CYLINDER KITS | 272 |
| DOUBLE ACTING HANDPUMP AND CYLINDER KITS | 272 |
| 12VDC SINGLE ACTING HYDRAULIC TRAILER KITS | 273 |
| 24VDC SINGLE ACTING HYDRAULIC TRAILER KITS | 273 |











**QUALITY PRODUCTS**

**FREE ADVICE**



# SINGLE ACTING HANDPUMP AND CYLINDER KITS



These all in one single acting hydraulic trailer kits consists of the following, easy to assemble, components which will allow you to lift the weight and distance as shown against the part number.

Single acting handpump complete with tank and lever, single acting hydraulic cylinder, 3 metres of hose and all required adaptors and washers.

Please note all lifting figures are based on a straight vertical lift.

www.flowfitonline.com
TECH. DATA SHEET
HPTK01

| PART NO. | HANDPUMP DISPLACEMENT CM³ | TANK SIZE LITRES | LEVER MM | CYLINDER STROKE MM | LIFT TONNES | MAX PRESSURE BAR | HYDRAULIC HOSE METRES | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| ZZ000778 | 25 | 1 | 600 | 400 | 2.5 | 200 | 3 | £140.62 | € 189.83 |
| ZZ000779 | 25 | 1 | 600 | 600 | 2.5 | 200 | 3 | £150.82 | € 203.61 |
| ZZ000780 | 25 | 2 | 600 | 700 | 2.5 | 200 | 3 | £154.22 | € 208.20 |
| ZZ000781 | 25 | 2 | 600 | 400 | 3.9 | 200 | 3 | £224.53 | € 303.12 |
| ZZ000782 | 25 | 2 | 600 | 600 | 3.9 | 200 | 3 | £164.43 | € 221.98 |
| ZZ000783 | 25 | 3 | 600 | 700 | 3.9 | 200 | 3 | £166.70 | € 225.04 |
| ZZ000784 | 25 | 2 | 600 | 400 | 5.6 | 200 | 3 | £187.11 | € 252.60 |
| ZZ000785 | 25 | 3 | 600 | 600 | 5.6 | 200 | 3 | £189.38 | € 255.66 |
| ZZ000786 | 25 | 3 | 600 | 700 | 5.6 | 200 | 3 | £193.91 | € 261.78 |
| ZZ000787 | 25 | 3 | 600 | 400 | 7.7 | 200 | 3 | £168.97 | € 228.11 |
| ZZ000788 | 25 | 3 | 600 | 600 | 7.7 | 200 | 3 | £182.57 | € 246.48 |
| ZZ000789 | 25 | 5 | 600 | 700 | 7.7 | 200 | 3 | £197.32 | € 266.38 |
| ZZ000790 | 25 | 3 | 600 | 400 | 10 | 200 | 3 | £179.17 | € 241.89 |
| ZZ000791 | 25 | 5 | 600 | 600 | 10 | 200 | 3 | £193.91 | € 261.78 |
| ZZ000792 | 25 | 5 | 600 | 700 | 10 | 200 | 3 | £207.52 | € 280.15 |

# DOUBLE ACTING HANDPUMP AND CYLINDER KITS



These all in one double acting hydraulic trailer kits consists of the following, easy to assemble, components which will allow you to lift the weight and distance as shown against the part number.

Double Acting handpump complete with tank and lever, double acting hydraulic cylinder, 2 off 3 metres of hose and all required adaptors and washers.

Please note all lifting figures are based on a straight vertical lift

www.flowfitonline.com
TECH. DATA SHEET
HPTK02

| PART NO. | HANDPUMP DISPLACEMENT CM³ | TANK SIZE LITRES | LEVER MM | CYLINDER STROKE MM | LIFT TONNES | MAX PRESSURE BAR | HYDRAULIC HOSE METRES | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| ZZ000804 | 25 | 1 | 600 | 400 | 2.5 | 200 | 3m x 2 | £170.10 | € 231.61 |
| ZZ000805 | 25 | 1 | 600 | 600 | 2.5 | 200 | 3m x 2 | £175.77 | € 241.02 |
| ZZ000806 | 25 | 2 | 600 | 700 | 2.5 | 200 | 3m x 2 | £179.17 | € 249.66 |
| ZZ000807 | 25 | 2 | 600 | 400 | 3.9 | 200 | 3m x 2 | £178.04 | € 251.85 |
| ZZ000808 | 25 | 2 | 600 | 600 | 3.9 | 200 | 3m x 2 | £180.31 | € 286.39 |
| ZZ000809 | 25 | 3 | 600 | 700 | 3.9 | 200 | 3m x 2 | £191.65 | € 273.22 |
| ZZ000810 | 25 | 2 | 400 | 400 | 5.6 | 200 | 3m x 2 | £183.71 | € 263.79 |
| ZZ000811 | 25 | 2 | 600 | 600 | 5.6 | 200 | 3m x 2 | £221.13 | € 277.14 |
| ZZ000812 | 25 | 3 | 600 | 700 | 5.6 | 200 | 3m x 2 | £248.35 | € 285.78 |
| ZZ000813 | 25 | 2 | 600 | 400 | 7.7 | 200 | 3m x 2 | £195.05 | € 295.20 |
| ZZ000814 | 25 | 3 | 600 | 600 | 7.7 | 200 | 3m x 2 | £205.25 | € 314.04 |
| ZZ000815 | 25 | 3 | 600 | 700 | 7.7 | 200 | 3m x 2 | £218.86 | € 333.72 |
| ZZ000816 | 25 | 3 | 600 | 400 | 10 | 200 | 3m x 2 | £202.99 | € 325.04 |
| ZZ000817 | 25 | 5 | 600 | 600 | 10 | 200 | 3m x 2 | £217.73 | € 357.22 |
| ZZ000818 | 25 | 5 | 600 | 700 | 10 | 200 | 3m x 2 | £231.34 | € 368.22 |

# 12VDC SINGLE ACTING HYDRAULIC TRAILER KITS



These all in one single acting 12 vdc hydraulic trailer kits consists of the following, easy to assemble, components which will allow you to lift the weight and distance as shown against the part number.

12vdc Single acting hydraulic power pack with 2 button pendant and 4.5 litre tank, single acting hydraulic cylinder, 3 metres of hose and all required adaptors and washers.

Please note all lifting figures are based on a straight vertical lift

www.flowfitonline.com
TECH. DATA SHEET
HPTK03

| PART NO. | FLOW L/MIN | WORKING PRESSURE/BAR | VOLTAGE | CYLINDER STROKE MM | LIFT TONNES | HYDRAULIC HOSE METRES | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| ZZ000722 | 4 | 220 | 12VDC | 400 | 2.5 | 3 | £242.91 | € 327.93 |
| ZZ000723 | 4 | 220 | 12VDC | 600 | 2.5 | 3 | £256.69 | € 346.54 |
| ZZ000724 | 4 | 220 | 12VDC | 700 | 2.5 | 3 | £253.63 | € 342.39 |
| ZZ000727 | 4 | 220 | 12VDC | 400 | 3.9 | 3 | £251.24 | € 339.17 |
| ZZ000728 | 4 | 220 | 12VDC | 600 | 3.9 | 3 | £254.82 | € 344.00 |
| ZZ000729 | 4 | 220 | 12VDC | 700 | 3.9 | 3 | £263.15 | € 355.26 |
| ZZ000730 | 4 | 220 | 12VDC | 400 | 5.6 | 3 | £259.58 | € 350.43 |
| ZZ000731 | 4 | 220 | 12VDC | 600 | 5.6 | 3 | £266.72 | € 360.07 |
| ZZ000732 | 4 | 220 | 12VDC | 700 | 5.6 | 3 | £279.55 | € 377.38 |
| ZZ000733 | 4 | 220 | 12VDC | 400 | 7.7 | 3 | £270.29 | € 364.89 |
| ZZ000734 | 4 | 220 | 12VDC | 600 | 7.7 | 3 | £295.76 | € 399.28 |
| ZZ000735 | 4 | 220 | 12VDC | 700 | 7.7 | 3 | £288.15 | € 389.01 |
| ZZ000736 | 4 | 220 | 12VDC | 400 | 10 | 3 | £281.01 | € 379.36 |
| ZZ000737 | 4 | 220 | 12VDC | 600 | 10 | 3 | £292.91 | € 395.42 |
| ZZ000738 | 4 | 220 | 12VDC | 700 | 10 | 3 | £306.02 | € 413.12 |

# 24VDC SINGLE ACTING HYDRAULIC TRAILER KITS



These all in one single acting 24 vdc hydraulic trailer kits consists of the following, easy to assemble, components which will allow you to lift the weight and distance as shown against the part number.

24vdc Single acting hydraulic power pack with 2 button pendant and 4.5 litre tank, single acting hydraulic cylinder, 3 metres of hose and all required adaptors and washers.

Please note all lifting figures are based on a straight vertical lift

www.flowfitonline.com
TECH. DATA SHEET
HPTK04

| PART NO. | FLOW L/MIN | WORKING PRESSURE/BAR | VOLTAGE | CYLINDER STROKE MM | LIFT TONNES | HYDRAULIC HOSE METRES | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| ZZ000741 | 4 | 220 | 24VDC | 400 | 2.5 | 3 | £242.90 | € 327.92 |
| ZZ000742 | 4 | 220 | 24VDC | 600 | 2.5 | 3 | £250.05 | € 337.58 |
| ZZ000743 | 4 | 220 | 24VDC | 700 | 2.5 | 3 | £251.24 | € 339.17 |
| ZZ000744 | 4 | 220 | 24VDC | 400 | 3.9 | 3 | £247.67 | € 334.35 |
| ZZ000747 | 4 | 220 | 24VDC | 600 | 3.9 | 3 | £252.43 | € 340.78 |
| ZZ000748 | 4 | 220 | 24VDC | 700 | 3.9 | 3 | £259.58 | € 350.43 |
| ZZ000749 | 4 | 220 | 24VDC | 400 | 5.6 | 3 | £289.34 | € 390.61 |
| ZZ000750 | 4 | 220 | 24VDC | 600 | 5.6 | 3 | £297.68 | € 401.87 |
| ZZ000751 | 4 | 220 | 24VDC | 700 | 5.6 | 3 | £308.39 | € 416.33 |
| ZZ000752 | 4 | 220 | 24VDC | 400 | 7.7 | 3 | £267.92 | € 361.68 |
| ZZ000753 | 4 | 220 | 24VDC | 600 | 7.7 | 3 | £278.63 | € 376.15 |
| ZZ000754 | 4 | 220 | 24VDC | 700 | 7.7 | 3 | £285.77 | € 385.79 |
| ZZ000755 | 4 | 220 | 24VDC | 400 | 10 | 3 | £278.63 | € 376.15 |
| ZZ000756 | 4 | 220 | 24VDC | 600 | 10 | 3 | £290.60 | € 392.30 |
| ZZ000757 | 4 | 220 | 24VDC | 700 | 10 | 3 | £303.63 | € 409.90 |

# FLOWFIT®

## FILTREC® Technical Filtration UK DISTRIBUTORS!!




**Flowfit have a huge stock quantity of Hydraulic Filter elements available. With the help of our very own hydraulic cross reference catalogue we can matchup any replacement elements!**




**Call us on 01584 876033 for more information on our replacement elements or to get your replacement element catalogue now!**

# www.flowfitonline.com

## HYDRAULIC CYLINDERS

# FLOWFIT HYDRAULIC CYLINDERS


| PRODUCT | PAGE |
|---|---|
| SERIES 100 - SINGLE ACTING HYDRAULIC CYLINDER | 276 |
| SERIES 200 – DOUBLE ACTING HYDRAULIC CYLINDER | 278 |
| SERIES 300 - DOUBLE ACTING HYDRAULIC CYLINDER (NO ENDS) | 282 |
| SERIES 400 - DOUBLE ACTING HYDRAULIC CYLINDER | 284 |
| SERIES 590 - TURN-OVER PLOUGH CYLINDER | 286 |
| SERIES 600 - STANDARD HYDRAULIC TOP LINK | 287 |
| SERIES 610 - HYDRAULIC TOP LINK (FIXED) | 288 |
| SERIES 620 - HYDRAULIC TOP LINK (RAPID HOOK) | 289 |
| SERIES 630 - HYDRAULIC TOP LINK (RAPID HOOK) | 290 |
| SERIES 700 - BRAKE CYLINDER (SINGLE ACTING) | 291 |
| SERIES 710 - BRAKE CYLINDER (SINGLE ACTING) | 291 |
| FOLDING HYDRAULIC CRUTCH | 292 |




FROM ONLY £47.78 +VAT



FROM ONLY £63.19 +VAT

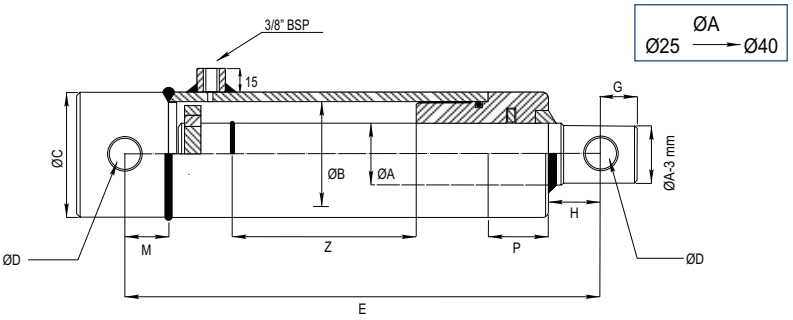
QUALITY PRODUCTS

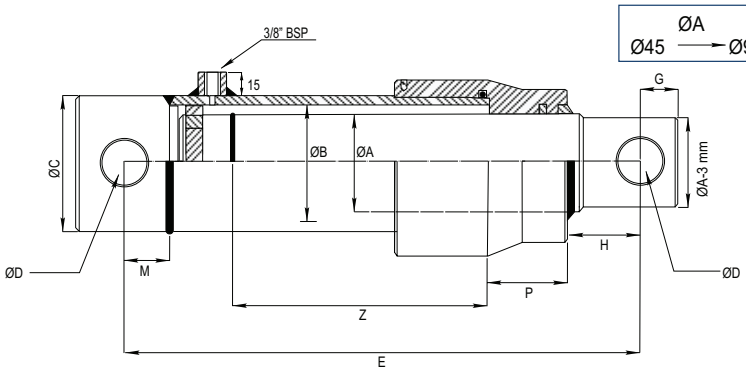
FREE ADVICE

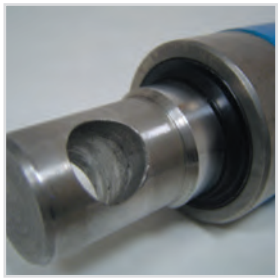
FLOWFIT 24 HOUR DELIVERY

# SERIES 100 - SINGLE ACTING HYDRAULIC CYLINDER

www.flowfitonline.com
TECH. DATA SHEET
FHC01



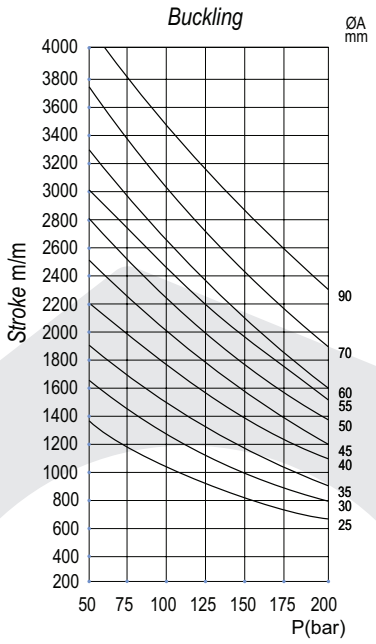



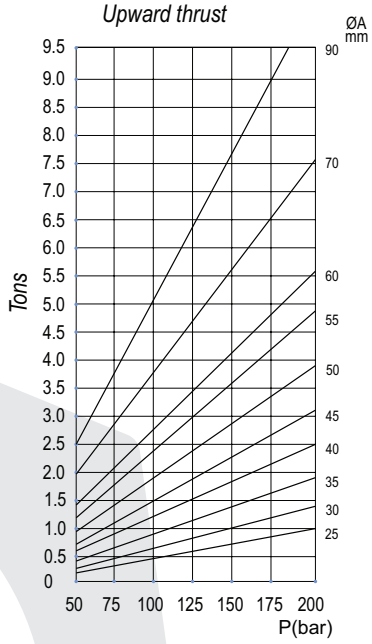







*Working pressure: 180 bars.*
*Speed: 0.5 m/s.*
*Working temperature: -25ºC - +80ºC.*
*Oil: Mineral oil.*
*Rod: C45 f7 25 microns.*
*Tube: St52.3 Din2393 Iso H9*




Push Force = x $r^2$ x pressure (bar)
Example = Cylinder 40-70/80
$3.5^2$ x 3.14 x 150 (bar)
Total 5769.75 Kgs

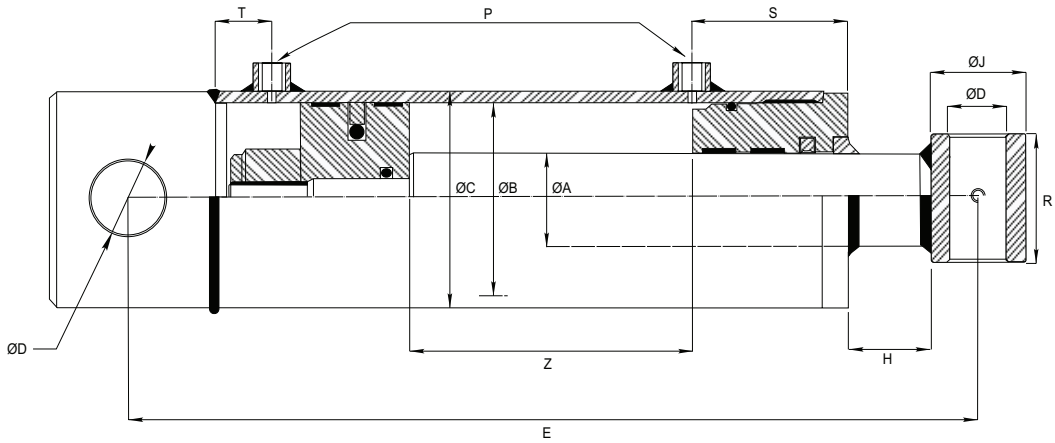
Volume = x $r^2$ x h (height)
Example = Cylinder 40-70/80-400 (mm)
$3.5^2$ x 3.14 x 0.04 (m.)
Total 1.5386 litres

| ORDER CODE | ØA | B | STROKE | E | G | D | C | H | M | P | VOL (LITRES) | WEIGHT (KGS) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | £ STERLING | € EUROS |
| 100/010 | | | 100 | 190 | | | | | | | 0.08 | 1.5 | £65.56 | € 88.51 |
| 100/020 | 25 | 32 | 200 | 290 | 14 | 14.2 | 40 | 24 | 17 | 20 | 0.16 | 2.3 | £72.73 | € 98.17 |
| 100/030 | | | 300 | 390 | | | | | | | 0.24 | 3 | £79.77 | € 107.69 |
| 101/020 | | | 200 | 300 | | | | | | | 0.25 | 3.6 | £86.65 | € 116.97 |
| 101/030 | | | 300 | 400 | | | | | | | 0.38 | 4.7 | £95.79 | € 129.32 |
| 101/040 | 30 | 40 | 400 | 500 | 17 | 16.2 | 50 | 26 | 22 | 22 | 0.5 | 6 | £106.34 | € 143.55 |
| 101/050 | | | 500 | 600 | | | | | | | 0.69 | 7.6 | £115.54 | € 155.98 |
| 101/070 | | | 700 | 800 | | | | | | | 0.88 | 9.4 | £139.06 | € 187.74 |
| 102/020 | | | 200 | 330 | | | | | | | 0.32 | 4.7 | £92.02 | € 124.22 |
| 102/030 | | | 300 | 430 | | | | | | | 0.48 | 6.1 | £102.00 | € 137.69 |
| 102/040 | 35 | 45 | 400 | 530 | 20 | 20.25 | 55 | 32 | | 24 | 0.64 | 7.5 | £111.99 | € 151.18 |
| 102/050 | | | 500 | 630 | | | | | | | 0.87 | 9.6 | £121.89 | € 164.56 |
| 102/070 | | | 700 | 830 | | | | | | | 1.11 | 11.7 | £141.77 | € 191.40 |
| 103/020 | | | 200 | 330 | | | | | | | 0.39 | 6 | £117.08 | € 158.07 |
| 103/030 | | | 300 | 430 | | | | | | | 0.59 | 7.6 | £130.28 | € 175.89 |
| 103/040 | 40 | 50 | 400 | 530 | 22 | 23 | | 32 | | 32 | 0.79 | 9.3 | £143.55 | € 193.80 |
| 103/050 | | | 500 | 630 | | | | | | | 1.08 | 11.7 | £156.74 | € 211.60 |
| 103/070 | | | 700 | 830 | | | 60 | | | | 1.37 | 14.2 | £183.19 | € 247.30 |
| 104/020 | | | 200 | 330 | | | | | | | 0.39 | 7 | £148.02 | € 199.83 |
| 104/030 | | | 300 | 430 | | | | | 25 | | 0.59 | 8.9 | £162.46 | € 219.34 |
| 104/040 | 45 | 50 | 400 | 530 | 22 | 23 | | 34 | | 35 | 0.79 | 10.9 | £176.91 | € 238.83 |
| 104/050 | | | 500 | 630 | | | | | | | 1.08 | 13.7 | £191.46 | € 258.48 |
| 104/070 | | | 700 | 830 | | | | | | | 1.37 | 16.7 | £220.36 | € 297.49 |
| 105/020 | | | 200 | 360 | | | | | | | 0.48 | 8.9 | £154.89 | € 209.11 |
| 105/030 | | | 300 | 460 | | | | | | | 0.71 | 11.2 | £171.56 | € 231.61 |
| 105/040 | 50 | 55 | 400 | 560 | | | 65 | 49 | | 44 | 0.95 | 13.5 | £188.25 | € 254.15 |
| 105/050 | | | 500 | 660 | | | | | | | 1.31 | 16.8 | £204.90 | € 276.62 |
| 105/070 | | | 700 | 860 | | | | | | | 1.66 | 20.4 | £238.24 | € 321.62 |
| 106/030 | | | 300 | 460 | | | | | | | 0.85 | 13.6 | £247.63 | € 334.30 |
| 106/050 | 55 | 60 | 500 | 660 | 25 | 25.25 | 70 | 41 | | | 1.56 | 19.3 | £291.30 | € 393.26 |
| 106/070 | | | 700 | 860 | | | | | | | 1.98 | 24.2 | £334.98 | € 452.23 |
| 107/020 | | | 200 | 360 | | | | | | 52 | 0.66 | 12.6 | £225.85 | € 304.89 |
| 107/030 | | | 300 | 460 | | | | | | | 1 | 15.7 | £247.68 | € 334.37 |
| 107/040 | 60 | 65 | 400 | 560 | | | 75 | 36 | | | 1.33 | 18.7 | £269.52 | € 363.86 |
| 107/050 | | | 500 | 660 | | | | | | | 1.83 | 23.3 | £291.35 | € 393.31 |
| 107/070 | | | 700 | 860 | | | | | 29 | | 2.32 | 28.4 | £335.01 | € 452.26 |
| 108/030 | | | 300 | 495 | | | | | | | 1.51 | 25.1 | £278.28 | € 375.68 |
| 108/040 | 70 | 80 | 400 | 595 | 28 | 30.5 | 90 | 50 | | 67 | 2.02 | 29.6 | £308.29 | € 416.19 |
| 108/050 | | | 500 | 695 | | | | | | | 2.52 | 34.5 | £335.97 | € 453.56 |
| 108/070 | | | 700 | 895 | | | | | | | 3.53 | 43.4 | £393.69 | € 531.48 |



# SERIES 200 – DOUBLE ACTING HYDRAULIC CYLINDER

www.flowfitonline.com
TECH. DATA SHEET
FHC02

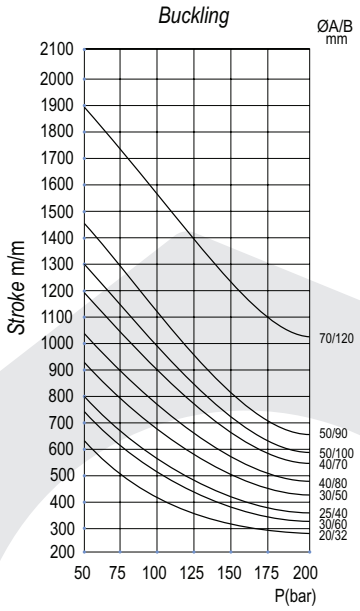


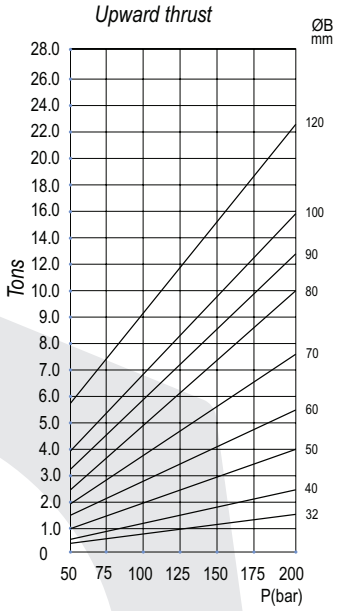

*Working pressure: 180 bars.*
*Speed: 0.5 m/s.*
*Working temperature: -25ºC - +80ºC.*
*Oil: Mineral oil.*
*Rod: C45 f7 25 microns.*
*Tube: St52.3 Din2393 Iso H9*

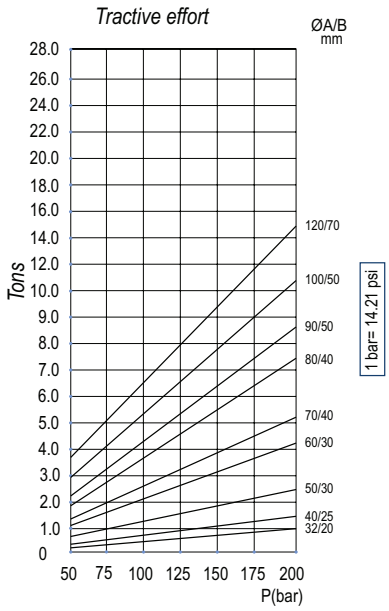
Volume = x $r^2$ x h (height)
Example = Cylinder 40-70/80-400 (mm)
$3.5^2$ x 3.14 x 0.04 (m.)
Total 1.5386 litres

Push Force = x $r^2$ x pressure (bar)
Example = Cylinder 40-70/80
$3.5^2$ x 3.14 x 150 (bar)
Total 5.769.75 Kgs

Push Force = x $r^2$ x pressure (bar)
Example = Cylinder 40-70/80
Calculate Rod Area: 3.14 x $2.0^2$ = 12,56
Calculate Tube Area: 3.14 x $3.5^2$= 38.465
Subtract Areas: 38,465-12,56= 25,905
Strength: 25,905 x 150 (bar) = 3885.79



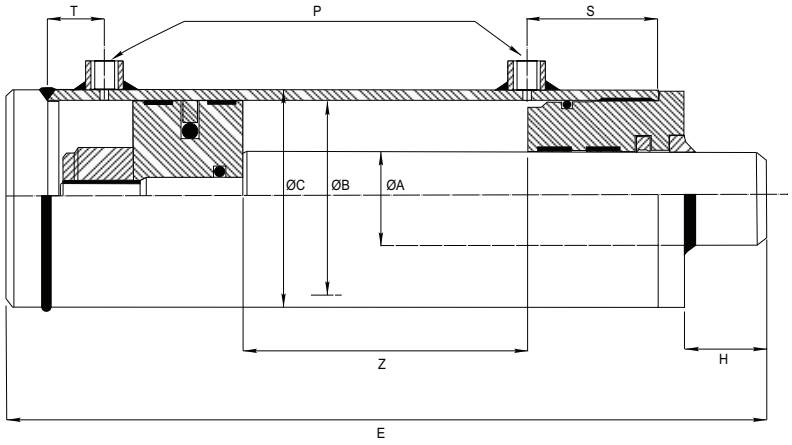
| ORDER CODE | ROD A | Z STROKE | E CLOSED CENTRE | B BORE | C OD | D PIN HOLE | H | T | J | R | S | P | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | £ STERLING | € EUROS |
| 200/005 | | 50 | 205 | | | | | | | | | 1/4 BSP | 0.04 | 1.7 | £47.78 | € 64.50 |
| 200/010 | | 100 | 255 | | | | | | | | | 1/4 BSP | 0.10 | 2.00 | £49.33 | € 66.59 |
| 200/015 | | 150 | 305 | | | | | | | | | 1/4 BSP | 0.12 | 2.30 | £50.77 | € 68.54 |
| 200/020 | | 200 | 355 | | | | | | | | | 1/4 BSP | 0.17 | 2.60 | £54.11 | € 73.04 |
| 200/025 | | 250 | 405 | | | | | | | | | 1/4 BSP | 0.20 | 2.90 | £55.43 | € 74.83 |
| 200/030 | | 300 | 455 | | | | | | | | | 1/4 BSP | 0.25 | 3.20 | £56.94 | € 76.86 |
| 200/035 | | 350 | 505 | | | | | | | | | 1/4 BSP | 0.28 | 3.30 | £59.97 | € 80.97 |
| 200/040 | | 400 | 555 | | | | | | | | | 1/4 BSP | 0.32 | 3.40 | £61.91 | € 83.57 |
| 200/050 | | 500 | 655 | | | | | | | | | 1/4 BSP | 0.40 | 3.50 | £64.51 | € 87.09 |
| 200/060 | 20 | 600 | 755 | 32 | 40 | 16.25 | 46 | 10 | 30 | 35 | 33 | 1/4 BSP | 0.48 | 3.80 | £85.03 | € 114.78 |
| 200/070 | | 700 | 855 | | | | | | | | | 1/4 BSP | 0.56 | 4.10 | £92.67 | € 125.11 |
| 200/080 | | 800 | 955 | | | | | | | | | 1/4 BSP | 0.64 | 4.40 | £96.74 | € 130.58 |
| 200/090 | | 900 | 1055 | | | | | | | | | 1/4 BSP | 0.72 | 4.70 | £99.62 | € 134.49 |
| 200/100 | | 1000 | 1155 | | | | | | | | | 1/4 BSP | 0.80 | 5.00 | £106.94 | € 144.36 |
| 200/110 | | 1100 | 1255 | | | | | | | | | 1/4 BSP | 0.85 | 5.30 | £114.27 | € 154.27 |
| 200/120 | | 1200 | 1355 | | | | | | | | | 1/4 BSP | 0.96 | 5.60 | £121.51 | € 164.04 |
| 200/130 | | 1300 | 1455 | | | | | | | | | 1/4 BSP | 1.04 | 5.90 | £128.94 | € 174.06 |
| 200/140 | | 1400 | 1555 | | | | | | | | | 1/4 BSP | 1.12 | 6.20 | £136.26 | € 183.96 |
| 200/150 | | 1500 | 1655 | | | | | | | | | 1/4 BSP | 1.20 | 6.50 | £145.86 | € 196.92 |
| 201/010 | | 100 | 270 | | | | | | | | | 3/8 BSP | 0.12 | 2.80 | £54.16 | € 73.12 |
| 201/015 | | 150 | 320 | | | | | | | | | 3/8 BSP | 0.18 | 3.50 | £56.42 | € 76.16 |
| 201/020 | | 200 | 370 | | | | | | | | | 3/8 BSP | 0.25 | 3.80 | £58.71 | € 79.25 |
| 201/025 | | 250 | 420 | | | | | | | | | 3/8 BSP | 0.31 | 4.20 | £60.67 | € 81.91 |
| 201/030 | | 300 | 470 | | | | | | | | | 3/8 BSP | 0.40 | 4.80 | £63.23 | € 85.36 |
| 201/035 | | 350 | 520 | | | | | | | | | 3/8 BSP | 0.44 | 5.20 | £66.14 | € 89.28 |
| 201/040 | | 400 | 570 | | | | | | | | | 3/8 BSP | 0.55 | 5.80 | £67.77 | € 91.49 |
| 201/050 | | 500 | 670 | | | | | | | | | 3/8 BSP | 0.60 | 6.80 | £72.33 | € 97.64 |
| 201/060 | | 600 | 770 | | | | | | | | | 3/8 BSP | 0.75 | 7.80 | £76.83 | € 103.72 |
| 201/070 | 25 | 700 | 870 | 40 | 50 | 20.5 | 30 | 16 | 35 | 40 | 42 | 3/8 BSP | 0.90 | 8.80 | £81.39 | € 109.87 |
| 201/080 | | 800 | 970 | | | | | | | | | 3/8 BSP | 1.00 | 9.60 | £85.92 | € 115.99 |
| 201/090 | | 900 | 1070 | | | | | | | | | 3/8 BSP | 1.13 | 10.60 | £101.53 | € 137.06 |
| 201/100 | | 1000 | 1170 | | | | | | | | | 3/8 BSP | 1.25 | 11.60 | £108.95 | € 147.09 |
| 201/110 | | 1100 | 1270 | | | | | | | | | 3/8 BSP | 1.38 | 12.60 | £116.37 | € 157.10 |
| 201/120 | | 1200 | 1370 | | | | | | | | | 3/8 BSP | 1.50 | 13.60 | £124.21 | € 167.68 |
| 201/130 | | 1300 | 1470 | | | | | | | | | 3/8 BSP | 1.63 | 14.60 | £131.21 | € 177.12 |
| 201/140 | | 1400 | 1570 | | | | | | | | | 3/8 BSP | 1.76 | 15.60 | £138.64 | € 187.16 |
| 201/150 | | 1500 | 1670 | | | | | | | | | 3/8 BSP | 1.88 | 16.60 | £146.03 | € 197.13 |
| 202/010 | | 100 | 300 | | | | | | | | | 3/8 BSP | 0.19 | 4.40 | £66.45 | € 89.72 |
| 202/015 | | 150 | 350 | | | | | | | | | 3/8 BSP | 0.29 | 5.00 | £69.31 | € 93.57 |
| 202/020 | | 200 | 400 | | | | | | | | | 3/8 BSP | 0.39 | 5.00 | £72.17 | € 97.43 |
| 202/025 | | 250 | 450 | | | | | | | | | 3/8 BSP | 0.49 | 5.60 | £76.25 | € 102.93 |
| 202/030 | | 300 | 500 | | | | | | | | | 3/8 BSP | 0.59 | 7.06 | £77.91 | € 105.17 |
| 202/035 | | 350 | 550 | | | | | | | | | 3/8 BSP | 0.68 | 7.40 | £81.71 | € 110.32 |
| 202/040 | | 400 | 600 | | | | | | | | | 3/8 BSP | 0.79 | 8.28 | £83.62 | € 112.89 |
| 202/045 | | 450 | 650 | | | | | | | | | 3/8 BSP | 0.88 | 8.70 | £87.38 | € 117.97 |
| 202/050 | | 500 | 700 | | | | | | | | | 3/8 BSP | 0.98 | 9.50 | £89.36 | € 120.64 |
| 202/060 | | 600 | 800 | 50 | 60 | | 47 | | | | 43 | 3/8 BSP | 1.18 | 10.72 | £95.09 | € 128.38 |
| 202/070 | | 700 | 900 | | | | | | | | | 3/8 BSP | 1.37 | 11.94 | £100.82 | € 136.10 |
| 202/080 | | 800 | 1000 | | | | | | | | | 3/8 BSP | 1.57 | 12.90 | £106.53 | € 143.81 |
| 202/090 | 30 | 900 | 1100 | | | 25.5 | | 20 | 35 | 45 | | 3/8 BSP | 1.76 | 14.10 | £112.26 | € 151.55 |
| 202/100 | | 1000 | 1200 | | | | | | | | | 3/8 BSP | 1.96 | 15.30 | £118.00 | € 159.31 |
| 202/110 | | 1100 | 1300 | | | | | | | | | 3/8 BSP | 2.16 | 16.50 | £137.83 | € 186.06 |
| 202/120 | | 1200 | 1400 | | | | | | | | | 3/8 BSP | 2.35 | 17.70 | £146.60 | € 197.91 |
| 202/130 | | 1300 | 1500 | | | | | | | | | 3/8 BSP | 2.55 | 18.90 | £155.35 | € 209.71 |
| 202/140 | | 1400 | 1600 | | | | | | | | | 3/8 BSP | 2.75 | 20.10 | £164.14 | € 221.58 |
| 202/150 | | 1500 | 1700 | | | | | | | | | 3/8 BSP | 2.94 | 21.30 | £172.91 | € 233.43 |
| 203/010 | | 100 | 300 | | | | | | | | | 3/8 BSP | 0.28 | 6.10 | £76.23 | € 102.90 |
| 203/015 | | 150 | 350 | | | | | | | | | 3/8 BSP | 0.42 | 6.50 | £79.07 | € 106.74 |
| 203/020 | | 200 | 400 | | | | | | | | | 3/8 BSP | 0.57 | 7.08 | £82.29 | € 111.08 |
| 203/025 | | 250 | 450 | 60 | 70 | | 46 | | | | 47 | 3/8 BSP | 0.70 | 7.65 | £85.91 | € 115.98 |
| 203/030 | | 300 | 500 | | | | | | | | | 3/8 BSP | 0.85 | 8.46 | £88.32 | € 119.24 |
| 203/035 | | 350 | 550 | | | | | | | | | 3/8 BSP | 0.99 | 9.30 | £92.89 | € 125.40 |
| 203/040 | | 400 | 600 | | | | | | | | | 3/8 BSP | 1.13 | 9.84 | £94.37 | € 127.40 |

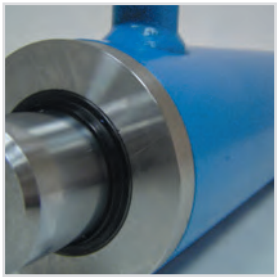
| ORDER CODE | ROD A | Z STROKE | E CLOSED CENTRE | B BORE | C OD | D PIN HOLE | H | T | J | R | S | P | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | £ STERLING | € EUROS |
| 203/045 | | 450 | 650 | | | | | | | | | 3/8 BSP | 1.27 | 10.10 | £98.27 | € 132.67 |
| 203/050 | | 500 | 700 | | | | | | | | | 3/8 BSP | 1.41 | 11.22 | £100.54 | € 135.73 |
| 203/060 | | 600 | 800 | | | | | | | | | 3/8 BSP | 1.70 | 12.60 | £106.46 | € 143.72 |
| 203/070 | | 700 | 900 | | | | | | | | | 3/8 BSP | 1.98 | 13.98 | £112.47 | € 151.84 |
| 203/080 | | 800 | 1000 | | | | | | | | | 3/8 BSP | 2.26 | 14.8 | £133.29 | € 179.94 |
| 203/085 | | 850 | 1050 | | | | | | | | | 3/8 BSP | 2.40 | 15.4 | £138.51 | € 186.98 |
| 203/090 | 30 | 900 | 1100 | 60 | 70 | 25.5 | 46 | 20 | 40 | 45 | 47 | 3/8 BSP | 2.54 | 16.1 | £143.43 | € 193.64 |
| 203/100 | | 1000 | 1200 | | | | | | | | | 3/8 BSP | 2.82 | 17.3 | £149.60 | € 201.96 |
| 203/110 | | 1100 | 1300 | | | | | | | | | 3/8 BSP | 3.10 | 18.6 | £159.49 | € 215.32 |
| 203/120 | | 1200 | 1400 | | | | | | | | | 3/8 BSP | 3.38 | 19.9 | £169.33 | € 228.59 |
| 203/130 | | 1300 | 1500 | | | | | | | | | 3/8 BSP | 3.66 | 21.2 | £179.18 | € 241.90 |
| 203/140 | | 1400 | 1600 | | | | | | | | | 3/8 BSP | 3.14 | 22.5 | £189.04 | € 255.20 |
| 203/150 | | 1500 | 1700 | | | | | | | | | 3/8 BSP | 4.22 | 23.8 | £198.90 | € 268.52 |
| 204/010 | | 100 | 310 | | | | | | | | | 3/8 BSP | 0.38 | 9.59 | £98.83 | € 133.42 |
| 204/020 | | 200 | 410 | | | | | | | | | 3/8 BSP | 0.77 | 10.39 | £104.25 | € 140.73 |
| 204/025 | | 250 | 460 | | | | | | | | | 3/8 BSP | 0.96 | 11.30 | £108.59 | € 146.60 |
| 204/030 | | 300 | 510 | | | | 34 | | | | 51 | 3/8 BSP | 1.15 | 12.22 | £112.92 | € 152.44 |
| 204/035 | | 350 | 560 | | | | | | | | | 3/8 BSP | 1.34 | 13.00 | £117.30 | € 158.36 |
| 204/040 | | 400 | 610 | | | | | | | | | 3/8 BSP | 1.54 | 14.05 | £121.62 | € 164.19 |
| 204/050 | | 500 | 710 | | | | | | | | | 3/8 BSP | 1.92 | 15.88 | £130.32 | € 175.93 |
| 204/055 | | 550 | 760 | | | | | | | | | 3/8 BSP | 2.11 | 16.71 | £134.56 | € 181.66 |
| 204/060 | | 600 | 810 | | | | | | | | | 3/8 BSP | 2.31 | 17.71 | £139.01 | € 187.66 |
| 204/070 | | 700 | 910 | 70 | 80 | | | | | | | 3/8 BSP | 2.69 | 19.54 | £147.68 | € 199.37 |
| 204/080 | | 800 | 1010 | | | | | | | | | 3/8 BSP | 3.00 | 21.50 | £156.35 | € 211.08 |
| 204/090 | 40 | 900 | 1110 | | | | | | 50 | 55 | | 3/8 BSP | 3.40 | 22.75 | £165.03 | € 222.79 |
| 204/100 | | 1000 | 1210 | | | | | | | | | 3/8 BSP | 3.85 | 23.54 | £183.35 | € 247.54 |
| 204/110 | | 1100 | 1310 | | | | | | | | | 3/8 BSP | 4.23 | 24.54 | £192.56 | € 259.97 |
| 204/120 | | 1200 | 1410 | | | | | | | | | 3/8 BSP | 4.62 | 25.60 | £198.94 | € 268.56 |
| 204/130 | | 1300 | 1510 | | | | | | | | | 3/8 BSP | 5.00 | 27.54 | £210.52 | € 284.21 |
| 204/140 | | 1400 | 1610 | | | | | | | | | 3/8 BSP | 5.39 | 29.54 | £222.10 | € 299.84 |
| 204/150 | | 1500 | 1710 | | | | | 26 | | | | 3/8 BSP | 5.77 | 32.50 | £233.64 | € 315.41 |
| 204/180 | | 1800 | 2010 | | | | | | | | | 3/8 BSP | 6.93 | 34.60 | £233.64 | € 315.41 |
| 205/010 | | 100 | 310 | | | | | | | | | 3/8 BSP | 0.53 | 10.00 | £102.06 | € 137.79 |
| 205/020 | | 200 | 410 | | | | | | | | | 3/8 BSP | 1.01 | 12.10 | £128.92 | € 174.05 |
| 205/025 | | 250 | 460 | | | | | | | | | 3/8 BSP | 1.25 | 13.00 | £134.02 | € 180.92 |
| 205/030 | | 300 | 510 | | | | | | | | | 3/8 BSP | 1.51 | 14.10 | £139.07 | € 187.75 |
| 205/035 | | 350 | 560 | | | | | | | | | 3/8 BSP | 1.76 | 15.00 | £144.17 | € 194.63 |
| 205/040 | | 400 | 610 | | | 30.5 | | | | | | 3/8 BSP | 2.01 | 16.10 | £149.25 | € 201.48 |
| 205/050 | | 500 | 710 | | | | | | | | | 3/8 BSP | 2.51 | 18.10 | £159.38 | € 215.16 |
| 205/060 | | 600 | 810 | | | | | | | | | 3/8 BSP | 3.02 | 20.10 | £169.51 | € 228.84 |
| 205/070 | | 700 | 910 | 80 | 90 | | 21 | | | | 56 | 3/8 BSP | 3.52 | 22.10 | £179.64 | € 242.51 |
| 205/080 | | 800 | 1010 | | | | | | | | | 3/8 BSP | 4.02 | 24.10 | £189.79 | € 256.21 |
| 205/090 | | 900 | 1110 | | | | | | | | | 3/8 BSP | 4.52 | 26.10 | £199.22 | € 268.95 |
| 205/100 | | 1000 | 1210 | | | | | | | | | 3/8 BSP | 5.03 | 28.10 | £210.29 | € 283.89 |
| 205/110 | | 1100 | 1310 | | | | | | | | | 3/8 BSP | 5.53 | 30.10 | £222.59 | € 300.50 |
| 205/120 | | 1200 | 1410 | | | | | | | | | 3/8 BSP | 6.03 | 32.10 | £235.69 | € 318.18 |
| 205/130 | | 1300 | 1510 | | | | | | | | | 3/8 BSP | 6.53 | 34.10 | £248.82 | € 335.91 |
| 205/140 | | 1400 | 1610 | | | | | | | | | 3/8 BSP | 7.04 | 36.10 | £261.99 | € 353.69 |
| 205/150 | | 1500 | 1710 | | | | | | | | | 3/8 BSP | 7.54 | 38.10 | £275.12 | € 371.41 |
| 206/005 | | 50 | 275 | | | | | | | | | 3/8 BSP | 0.31 | 10.70 | £135.10 | € 182.38 |
| 206/010 | | 100 | 325 | | | | | | | | | 3/8 BSP | 0.63 | 12.20 | £136.49 | € 184.26 |
| 206/020 | | 200 | 425 | | | | | | | | | 3/8 BSP | 1.27 | 15.15 | £156.06 | € 210.69 |
| 206/030 | | 300 | 525 | | | | | | | | | 3/8 BSP | 1.91 | 18.15 | £175.77 | € 237.29 |
| 206/040 | | 400 | 625 | | | | | | | | | 3/8 BSP | 2.54 | 21.15 | £193.47 | € 261.19 |
| 206/050 | | 500 | 725 | | | | | | | | | 3/8 BSP | 3.17 | 24.15 | £214.52 | € 289.60 |
| 206/060 | 50 | 600 | 825 | 90 | 100 | | 28 | | 60 | 70 | 60 | 3/8 BSP | 3.80 | 27.15 | £234.77 | € 316.95 |
| 206/070 | | 700 | 925 | | | | | | | | | 3/8 BSP | 4.43 | 30.15 | £254.43 | € 343.47 |
| 206/080 | | 800 | 1025 | | | | | | | | | 3/8 BSP | 5.09 | 33.2 | £263.78 | € 356.10 |
| 206/090 | | 900 | 1125 | | | | | | | | | 3/8 BSP | 5.72 | 36.2 | £282.71 | € 381.65 |
| 206/100 | | 1000 | 1225 | | | | | | | | | 3/8 BSP | 6.36 | 39.20 | £292.76 | € 395.22 |
| 206/110 | | 1100 | 1325 | | | | | | | | | 3/8 BSP | 7.03 | 42.20 | £303.87 | € 410.22 |
| 206/120 | | 1200 | 1425 | | | | | | | | | 3/8 BSP | 7.63 | 45.20 | £321.86 | € 434.52 |

| ORDER CODE | ROD A | Z STROKE | E CLOSED CENTRE | B BORE | C OD | D PIN HOLE | H | T | J | R | S | P | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | £ STERLING | € EUROS |
| 206/130 | | 1300 | 1525 | | | | | | | | | 3/8 BSP | 8.27 | 48.20 | £339.77 | € 458.69 |
| 206/140 | | 1400 | 1625 | 90 | 100 | | 28 | | | | 60 | 3/8 BSP | 8.91 | 51.20 | £358.01 | € 483.30 |
| 206/150 | | 1500 | 1725 | | | | | | | | | 3/8 BSP | 9.54 | 54.20 | £375.61 | € 507.08 |
| 207/010 | | 100 | 325 | | | | | | | | | 1/2 BSP | 0.78 | 19.50 | £176.49 | € 238.27 |
| 207/020 | | 200 | 425 | | | | | | | | | 1/2 BSP | 1.57 | 22.70 | £184.01 | € 248.42 |
| 207/030 | | 300 | 525 | | | | | | | | | 1/2 BSP | 2.36 | 27.60 | £200.35 | € 270.48 |
| 207/040 | | 400 | 625 | | | | | | | | | 1/2 BSP | 3.14 | 30.80 | £216.71 | € 292.55 |
| 207/050 | | 500 | 725 | | | | | | | | | 1/2 BSP | 3.94 | 34.00 | £232.98 | € 314.53 |
| 207/060 | 50 | 600 | 825 | | | 30.5 | | 26 | 60 | 70 | | 1/2 BSP | 4.74 | 37.20 | £251.50 | € 339.52 |
| 207/070 | | 700 | 925 | | | | | | | | | 1/2 BSP | 5.54 | 40.40 | £265.65 | € 358.62 |
| 207/080 | | 800 | 1025 | 100 | 115 | | 25 | | | | | 1/2 BSP | 6.28 | 41.30 | £282.73 | € 381.68 |
| 207/090 | | 900 | 1125 | | | | | | | | | 1/2 BSP | 7.07 | 43.00 | £298.33 | € 402.75 |
| 207/100 | | 1000 | 1225 | | | | | | | | | 1/2 BSP | 7.86 | 45.90 | £314.66 | € 424.80 |
| 207/110 | | 1100 | 1325 | | | | | | | | | 1/2 BSP | 8.64 | 48.80 | £334.90 | € 452.11 |
| 207/120 | | 1200 | 1425 | | | | | | | | 67 | 1/2 BSP | 9.43 | 51.70 | £355.95 | € 480.54 |
| 207/130 | | 1300 | 1525 | | | | | | | | | 1/2 BSP | 10.21 | 54.60 | £376.84 | € 508.73 |
| 207/140 | | 1400 | 1625 | | | | | | | | | 1/2 BSP | 11.00 | 57.50 | £397.63 | € 536.81 |
| 207/150 | | 1500 | 1725 | | | | | | | | | 1/2 BSP | 11.79 | 60.40 | £418.39 | € 564.83 |
| 208/020 | | 200 | 510 | | | | | | | | | 1/2 BSP | 2.26 | 45.00 | £329.86 | € 445.33 |
| 208/040 | | 400 | 710 | | | | | | | | | 1/2 BSP | 4.23 | 55.00 | £329.86 | € 445.33 |
| 208/050 | | 500 | 810 | | | | | | | | | 1/2 BSP | 5.65 | 62.50 | £343.50 | € 463.72 |
| 208/060 | 70 | 600 | 910 | 120 | 140 | 40.5 | 39 | 30 | 80 | 80 | | 1/2 BSP | 7.07 | 70.00 | £411.66 | € 555.75 |
| 208/070 | | 700 | 1010 | | | | | | | | | 1/2 BSP | 8.49 | 77.50 | £447.11 | € 603.60 |
| 208/100 | | 1000 | 1310 | | | | | | | | | 1/2 BSP | 11.31 | 100.00 | £553.45 | € 747.15 |
| 208/130 | | 1300 | 1610 | | | | | | | | | 1/2 BSP | 14.71 | 138.00 | £661.27 | € 892.72 |

# SERIES 300 - DOUBLE ACTING HYDRAULIC CYLINDER (NO ENDS)

www.flowfitonline.com
TECH. DATA SHEET
FHC03



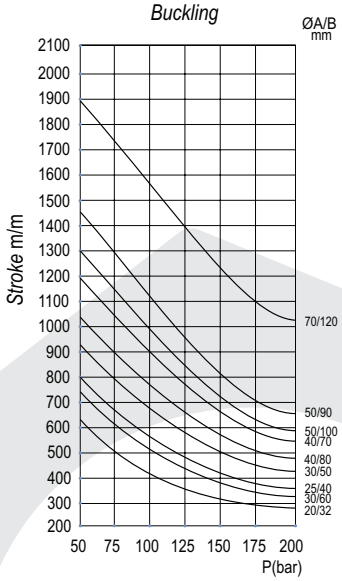



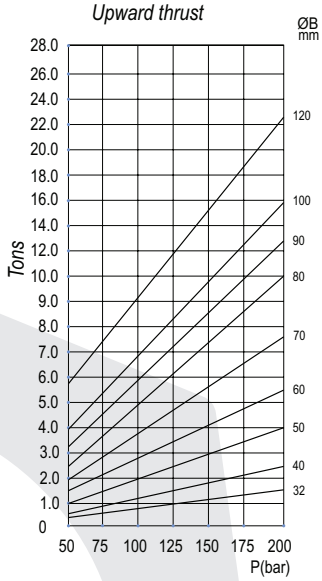
*Working pressure: 180 bars.*
*Speed: 0.5 m/s.*
*Working temperature: -25ºC - +80ºC.*
*Oil: Mineral oil.*
*Rod: C45 f7 25 microns.*
*Tube: St52.3 Din2393 Iso H9*

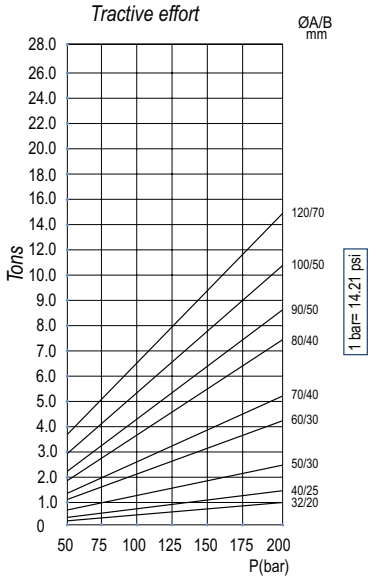
Volume = x $r^2$ x h (height)
Example = Cylinder 40-70/80-400 (mm)
$3.5^2$ x 3.14 x 0.04 (m.)
Total 1.5386 litres

Push Force = x $r^2$ x pressure (bar)
Example = Cylinder 40-70/80
$3.5^2$ x 3.14 x 150 (bar)
Total 5.769.75 Kgs

Push Force = x $r^2$ x pressure (bar)
Example = Cylinder 40-70/80
Calculate Rod Area: 3.14 x $2.0^2$ = 12,56
Calculate Tube Area: 3.14 x $3.5^2$= 38.465
Subtract Areas: 38,465-12,56= 25,905
Strength: 25,905 x 150 (bar) = 3885.79



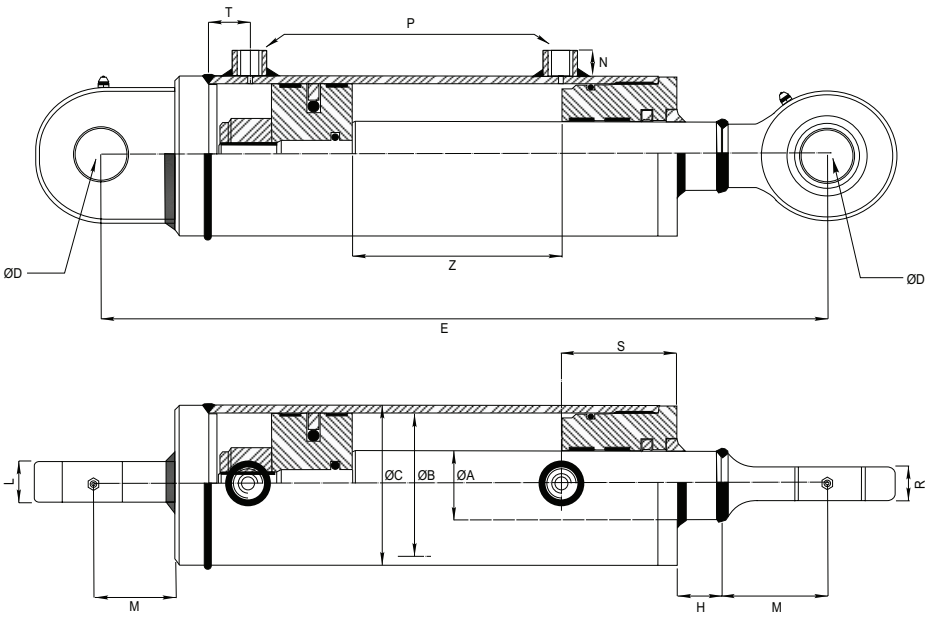



| ORDER CODE | ØA | STROKE | E | B | C | H | T | S | P | VOL (LITRES) | WEIGHT (KGS) | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | £ STERLING | € EUROS |
| 300/010 | | 100 | 233 | | | | | | | 0.1 | 1.9 | £36.41 | € 49.14 |
| 300/020 | 20 | 200 | 333 | 32 | 40 | 46 | 10 | 33 | 1/4" | 0.16 | 2.5 | £39.82 | € 53.75 |
| 300/030 | | 300 | 433 | | | | | | | 0.24 | 3.1 | £43.23 | € 58.36 |
| 301/020 | | 200 | 345 | | | | | | | 0.25 | 3.5 | £46.99 | € 63.44 |
| 301/030 | | 300 | 445 | | | | | | | 0.38 | 4.5 | £51.53 | € 69.56 |
| 301/040 | 25 | 400 | 545 | 40 | 50 | 30 | 16 | 42 | 3/8" | 0.5 | 5.5 | £56.06 | € 75.69 |
| 301/050 | | 500 | 645 | | | | | | | 0.69 | 6.5 | £62.56 | € 84.46 |
| 301/060 | | 600 | 745 | | | | | | | 0.76 | 7.5 | £67.19 | € 90.71 |
| 301/070 | | 700 | 845 | | | | | | | 0.88 | 8.5 | £91.43 | € 123.43 |
| 302/020 | | 200 | 370 | | | | | | | 0.39 | 4.9 | £56.39 | € 76.12 |
| 302/030 | | 300 | 470 | | | | | | | 0.59 | 6.2 | £64.14 | € 86.58 |
| 302/040 | | 400 | 570 | 50 | 60 | 47 | | 43 | 3/8" | 0.79 | 7.5 | £67.80 | € 91.53 |
| 302/050 | | 500 | 670 | | | | | | | 0.98 | 8.8 | £76.35 | € 103.06 |
| 302/060 | | 600 | 770 | | | | | | | 1.18 | 10.1 | £82.47 | € 111.33 |
| 302/070 | 30 | 700 | 870 | | | | 20 | | | 1.37 | 11.4 | £92.70 | € 125.14 |
| 303/020 | | 200 | 371 | | | | | | | 0.57 | 6.2 | £65.02 | € 87.77 |
| 303/030 | | 300 | 471 | | | | | | | 0.85 | 7.5 | £71.06 | € 95.94 |
| 303/040 | | 400 | 571 | 60 | 70 | 46 | | 47 | 3/8" | 1.13 | 8.9 | £77.11 | € 104.10 |
| 303/050 | | 500 | 671 | | | | | | | 1.41 | 10.3 | £83.17 | € 112.28 |
| 303/060 | | 600 | 771 | | | | | | | 1.7 | 11.6 | £89.22 | € 120.45 |
| 303/070 | | 700 | 871 | | | | | | | 1.98 | 13 | £100.20 | € 135.27 |
| 304/020 | | 200 | 371 | | | | | | | 0.77 | 8.7 | £83.32 | € 112.49 |
| 304/030 | | 300 | 471 | | | | | | | 1.15 | 10.6 | £92.03 | € 124.23 |
| 304/040 | | 400 | 571 | 70 | 80 | 34 | | 51 | 3/8" | 1.54 | 12.6 | £100.73 | € 135.99 |
| 304/050 | | 500 | 671 | | | | | | | 1.92 | 14.5 | £109.46 | € 147.77 |
| 304/060 | | 600 | 771 | | | | | | | 2.31 | 16.4 | £118.12 | € 159.46 |
| 304/070 | 40 | 700 | 871 | | | | | | | 2.69 | 18.3 | £134.58 | € 181.69 |
| 305/020 | | 200 | 371 | | | | | | | 1.01 | 11.6 | £102.63 | € 138.54 |
| 305/030 | | 300 | 471 | | | | | | | 1.51 | 13.8 | £113.35 | € 153.01 |
| 305/040 | | 400 | 571 | 80 | 90 | 21 | | 56 | 3/8" | 2.01 | 16.1 | £124.11 | € 167.56 |
| 305/050 | | 500 | 671 | | | | | | | 2.51 | 18.4 | £134.82 | € 182.01 |
| 305/060 | | 600 | 771 | | | | | | | 3.02 | 20.6 | £145.57 | € 196.52 |
| 305/070 | | 700 | 871 | | | | 26 | | | 3.52 | 22.9 | £165.41 | € 223.31 |
| 306/020 | | 200 | 382 | | | | | | | 1.27 | 14.1 | £130.42 | € 176.07 |
| 306/030 | | 300 | 482 | | | | | | | 1.91 | 17.05 | £149.70 | € 202.09 |
| 306/040 | | 400 | 582 | 90 | 100 | 28 | | 60 | 3/8 | 2.54 | 20.1 | £168.42 | € 227.35 |
| 306/050 | | 500 | 682 | | | | | | | 3.17 | 23.15 | £187.42 | € 253.02 |
| 306/060 | | 600 | 782 | | | | | | | 3.8 | 26.2 | £206.43 | € 278.68 |
| 306/070 | 50 | 700 | 882 | | | | | | | 4.43 | 29.35 | £225.44 | € 304.34 |
| 307/030 | | 300 | 487 | | | | | | | 2.36 | 23.9 | £195.30 | € 263.65 |
| 307/040 | | 400 | 587 | | | | | | | 3.14 | 27.4 | £215.88 | € 291.44 |
| 307/050 | | 500 | 687 | 100 | 115 | 25 | | 67 | 1/2" | 3.94 | 30.9 | £240.85 | € 325.14 |
| 307/060 | | 600 | 787 | | | | | | | 4.74 | 34.5 | £269.20 | € 363.42 |
| 307/070 | | 700 | 887 | | | | | | | 5.54 | 38 | £291.02 | € 392.87 |
| 308/040 | | 400 | 655 | | | | | | | 4.23 | 50.1 | £P0A | £P0A |
| 308/050 | 70 | 500 | 755 | 120 | 140 | 39 | 30 | 67 | 1/2" | 5.65 | 57.25 | £P0A | £P0A |
| 308/060 | | 600 | 855 | | | | | | | 7.07 | 64.5 | £P0A | £P0A |
| 308/070 | | 700 | 955 | | | | | | | 8.49 | 71.8 | £P0A | £P0A |

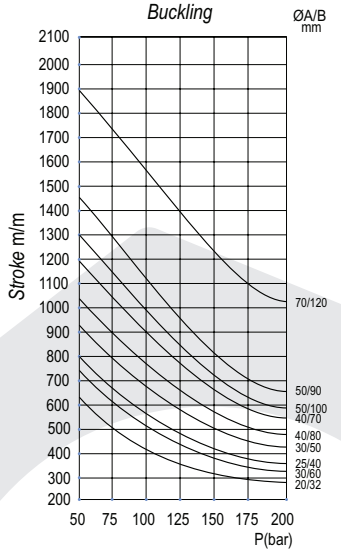
# SERIES 400 - DOUBLE ACTING HYDRAULIC CYLINDER

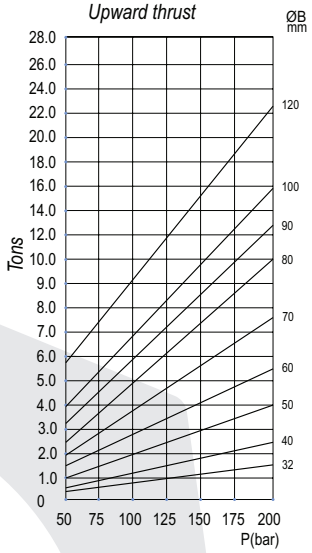
www.flowfitonline.com
TECH. DATA SHEET
FHC04

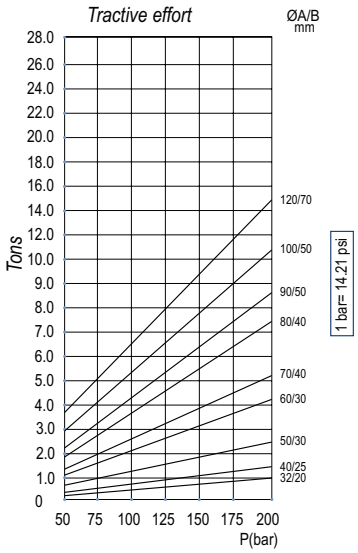



*Working pressure: 180 bars.*
*Speed: 0.5 m/s.*
*Working temperature: -25ºC - +80ºC.*
*Oil: Mineral oil.*
*Rod: C45 f7 25 microns.*
*Tube: St52.3 Din2393 Iso H9*

*Option: Dual pilot operated check valve set. (VADP008EX).*
*TAC and TPN series welded ball joints.*



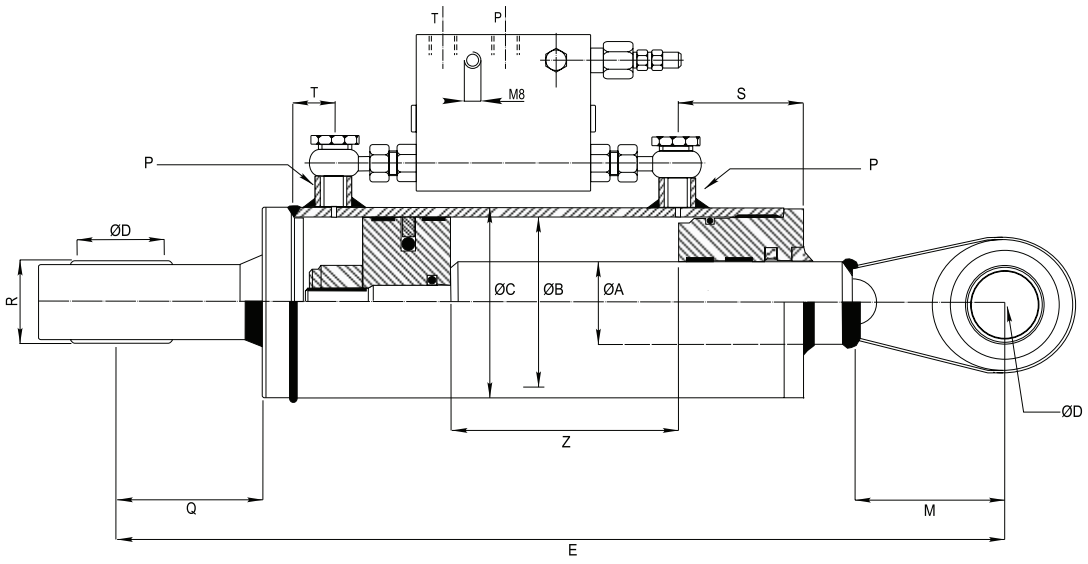



| ORDER CODE | ØA | Z STROKE | E | B | C | D | H | T | N | L | S | M | R | P | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | £ STERLING | € EUROS |
| 400/010 | | 100 | 280 | | | | | | | | | | | | 0.1 | 2.5 | £63.20 | € 85.32 |
| 400/020 | 20 | 200 | 380 | 32 | 40 | 20.00 $^{+0.02}_{-0.00}$ | 14 | 10 | 16 | 19 | 33 | 38 | 16 | 1/4" | 0.16 | 3.1 | £70.44 | € 95.08 |
| 400/030 | | 300 | 480 | | | | | | | | | | | | 0.24 | 3.7 | £77.62 | € 104.79 |
| 401/020 | | 200 | 410 | | | | | | | | | | | | 0.25 | 4.1 | £91.86 | € 124.02 |
| 401/030 | | 300 | 510 | | | | | | | | | | | | 0.38 | 5.1 | £103.00 | € 139.05 |
| 401/040 | | 400 | 610 | | | | | | | | | | | | 0.5 | 6.1 | £117.27 | € 158.31 |
| 401/050 | 25 | 500 | 710 | 40 | 50 | 20.004 $^{+0.02}_{-0.00}$ | 19 | 16 | 16 | 19 | 42 | 38 | 16 | 3/8" | 0.69 | 7.1 | £125.25 | € 169.08 |
| 401/060 | | 600 | 810 | | | | | | | | | | | | 0.76 | 8.1 | £136.38 | € 184.12 |
| 401/070 | | 700 | 910 | | | | | | | | | | | | 0.88 | 9.1 | £150.34 | € 202.95 |
| 402/020 | | 200 | 430 | | | | | | | | | | | | 0.39 | 5.9 | £97.15 | € 131.16 |
| 402/030 | | 300 | 530 | | | | | | | | | | | | 0.59 | 7.2 | £108.90 | € 147.01 |
| 402/040 | | 400 | 630 | | | | | | | | | | | | 0.79 | 8.5 | £120.28 | € 162.38 |
| 402/050 | | 500 | 730 | 50 | 60 | | 17 | | | | 43 | | | 3/8" | 0.98 | 9.8 | £136.66 | € 184.49 |
| 402/060 | | 600 | 830 | | | | | | | | | | | | 1.18 | 11.1 | £143.05 | € 193.10 |
| 402/070 | 30 | 700 | 930 | | | 25.00 $^{+0.02}_{-0.00}$ | | 20 | 16 | 23 | | 45 | 20 | | 1.37 | 12.4 | £154.41 | € 208.45 |
| 403/020 | | 200 | 430 | | | | | | | | | | | | 0.57 | 7.2 | £106.73 | € 144.07 |
| 403/030 | | 300 | 530 | | | | | | | | | | | | 0.85 | 8.5 | £119.20 | € 160.91 |
| 403/040 | | 400 | 630 | | | | | | | | | | | | 1.13 | 9.8 | £131.73 | € 177.83 |
| 403/050 | | 500 | 730 | 60 | 70 | | 15 | | | | 47 | | | 3/8" | 1.41 | 11.1 | £144.08 | € 194.52 |
| 403/060 | | 600 | 830 | | | | | | | | | | | | 1.7 | 12.4 | £156.55 | € 211.35 |
| 403/070 | | 700 | 930 | | | | | | | | | | | | 1.98 | 13.7 | £169.04 | € 228.21 |
| 404/020 | | 200 | 465 | | | | | | | | | | | | 0.77 | 10.25 | £145.90 | € 196.97 |
| 404/030 | | 300 | 565 | | | | | | | | | | | | 1.15 | 12.15 | £163.56 | € 220.81 |
| 404/040 | | 400 | 665 | | | | | | | | | | | | 1.54 | 14.05 | £180.37 | € 243.51 |
| 404/050 | | 500 | 765 | 70 | 80 | | 26 | | | | 51 | | | 3/8" | 1.92 | 15.95 | £195.80 | € 264.34 |
| 404/060 | | 600 | 865 | | | | | | | | | | | | 2.31 | 17.85 | £213.95 | € 288.84 |
| 404/070 | 40 | 700 | 965 | | | 30.00 $^{+0.02}_{-0.00}$ | | | 16 | 28 | | 51 | 22 | | 2.69 | 19.75 | £230.75 | € 311.53 |
| 405/020 | | 200 | 465 | | | | | | | | | | | | 1.01 | 13.15 | £184.55 | € 249.13 |
| 405/030 | | 300 | 565 | | | | | | | | | | | | 1.51 | 15.35 | £204.14 | € 275.59 |
| 405/040 | | 400 | 665 | | | | | | | | | | | | 2.01 | 17.55 | £223.86 | € 302.22 |
| 405/050 | | 500 | 765 | 80 | 90 | | 13 | | | | 56 | | | 3/8" | 2.51 | 19.75 | £243.52 | € 328.74 |
| 405/060 | | 600 | 865 | | | | | | | | | | | | 3.02 | 21.95 | £263.16 | € 355.28 |
| 405/070 | | 700 | 965 | | | | | 26 | | | | | | | 3.52 | 24.15 | £282.83 | € 381.82 |
| 406/020 | | 200 | 510 | | | | | | | | | | | | 1.27 | 17.8 | £254.77 | € 343.95 |
| 406/030 | | 300 | 610 | | | | | | | | | | | | 1.91 | 20.75 | £273.66 | € 369.44 |
| 406/040 | | 400 | 710 | | | | | | | | | | | | 2.54 | 23.7 | £294.67 | € 397.81 |
| 406/050 | | 500 | 810 | 90 | 100 | | 18 | | 16 | | 60 | | | 3/8" | 3.17 | 26.65 | £301.94 | € 407.61 |
| 406/060 | | 600 | 910 | | | | | | | | | | | | 3.8 | 29.6 | £340.55 | € 459.73 |
| 406/070 | 50 | 700 | 1010 | | | 40.00 $^{+0.02}_{-0.00}$ | | | | 35 | | 69 | 28 | | 4.43 | 32.55 | £373.26 | € 503.90 |
| 407/030 | | 300 | 615 | | | | | | | | | | | | 2.36 | 27.6 | £359.05 | € 484.71 |
| 407/040 | | 400 | 715 | | | | | | | | | | | | 3.14 | 31.1 | £389.36 | € 525.64 |
| 407/050 | | 500 | 815 | 100 | 115 | | 15 | | | | 67 | | | 1/2" | 3.94 | 34.6 | £397.18 | € 536.20 |
| 407/060 | | 600 | 915 | | | | | | | | | | | | 4.74 | 38.1 | £442.72 | € 597.68 |
| 407/070 | | 700 | 1015 | | | | | | 20 | | | | | | 5.54 | 41.6 | £484.97 | € 654.72 |
| 408/040 | | 400 | 770 | | | | | | | | | | | | 4.23 | 57 | £543.11 | € 733.19 |
| 408/050 | 70 | 500 | 870 | 120 | 140 | 50.00 $^{+0.02}_{-0.00}$ | 17 | 30 | | 40 | 67 | 88 | 35 | 1/2" | 5.65 | 64.15 | £583.10 | € 787.19 |
| 408/060 | | 600 | 970 | | | | | | | | | | | | 7.07 | 71.3 | £701.79 | € 947.43 |
| 408/070 | | 700 | 1070 | | | | | | | | | | | | 8.49 | 78.45 | £841.15 | € 1,135.54 |

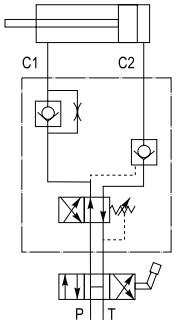


# SERIES 590 - TURN-OVER PLOUGH CYLINDER

www.flowfitonline.com
TECH. DATA SHEET
FHC05




*Hydraulic valve diagram*




*Operation: Can be mounted on a circuit of single and double acting. It is equipped whit TAC and TPN ball joints for easier mounting.*

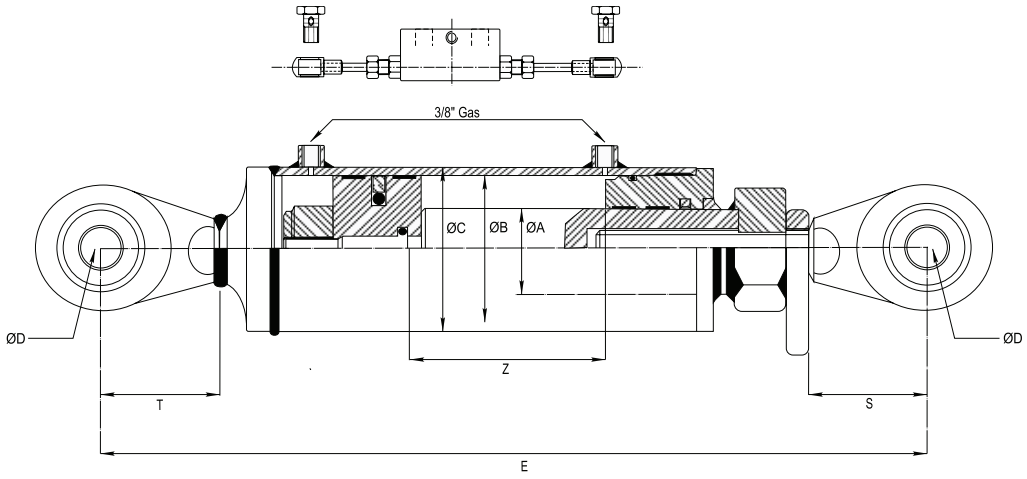
*Reference of the turn-over plough valve: VSEB03802.( Mounting in pipe Din2353).*

| ORDER CODE | ØA | Z STROKE | E | B | C | D | Q | M | S | R | P | T | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | £ STERLING | € EUROS |
| 591/016 | 30 | 160 | 400 | 50 | 60 | 30.2 | 51 | 51 | 43 | 28 | 3/8" | 20 | 0.3 | 8.5 | £440.81 | € 595.09 |
| 592/016 | 40 | | | 70 | 80 | | | | 51 | | | | 0.6 | 11.8 | £472.44 | € 637.78 |
| 593/016 | 40 | | | 80 | 90 | | | | 56 | | | | 0.85 | 13.2 | £479.81 | € 647.74 |

FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

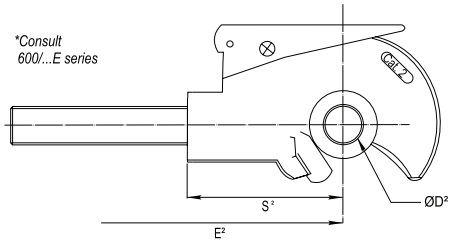
# SERIES 600 - STANDARD HYDRAULIC TOP LINK

www.flowfitonline.com
TECH. DATA SHEET
FHC06




*Option 1st:* *Dual pilot operated check valve set. (VADP008EX). Adjustable lenght between centers.*

*Option 2nd:* *Ability to change the standard ball joint for rapid hook in the rod. (Cat.2).*

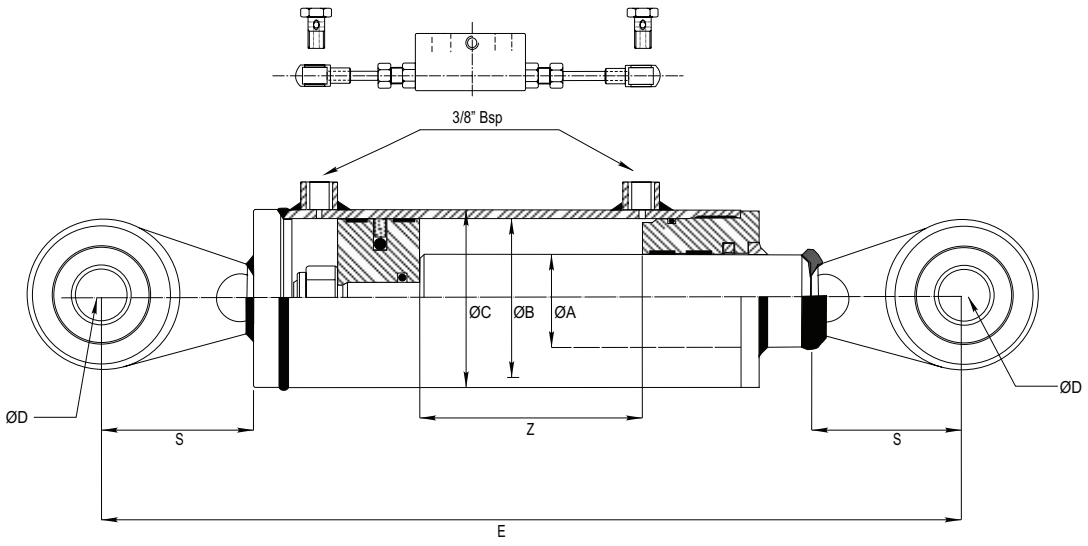



*Working pressure: 180 bars.*
*Speed: 0.5 m/s.*
*Working temperature: -25ºC - +80ºC.*
*Oil: Mineral oil.*
*Rod: C45 f7 25 microns.*
*Tube: St52.3 Din2393 Iso H9*

| ORDER CODE | ØA | Z STROKE | E | E² | B | C | D | D² | S | S² | T | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ STERLING | € EUROS |
| 600/020 | | 200 | 510 | | | | 25.4 | | | | | 0.6 | 11.5 | £140.58 | € 189.79 |
| 600/025 | 40 | 250 | 560 | | 60 | 70 | | | | | 65 | 0.75 | 12.5 | £148.68 | € 200.72 |
| 600/030 | | 300 | 610 | | | | | | | | | 0.9 | 13.5 | £156.78 | € 211.66 |
| 601/020 | | 200 | 530 | | | | | | 55 | | | 0.8 | 14 | £160.34 | € 216.45 |
| 601/025 | 45 | 250 | 580 | | 70 | 80 | | | | | 70 | 1.05 | 15 | £172.61 | € 233.02 |
| 601/030 | | 300 | 630 | | | | | | | | | 1.25 | 16 | £191.10 | € 257.97 |
| 600/020E | | 200 | | 560 | | | | 19.30 | | | | 0.6 | 13.5 | £203.39 | € 274.57 |
| 6001025E | 40 | 250 | | 610 | 60 | 70 | | 22.40 | | | 65 | 0.75 | 14.5 | £209.73 | € 283.12 |
| 600/030E | | 300 | | 660 | | | | 25.40 | | | | 0.9 | 15.5 | £222.61 | € 300.52 |
| 601/020E | | 200 | | 580 | | | | 30.40 | | 105 | | 0.8 | 16 | £227.65 | € 307.32 |
| 601/025E | 45 | 250 | | 630 | 70 | 80 | | 28.40 | | | 70 | 1.05 | 17 | £250.51 | € 338.18 |
| 601/030E | | 300 | | 680 | | | | 32.40 | | | | 1.25 | 18 | £268.95 | € 363.09 |

# SERIES 610 - HYDRAULIC TOP LINK (FIXED)

www.flowfitonline.com
TECH. DATA SHEET
FHC07



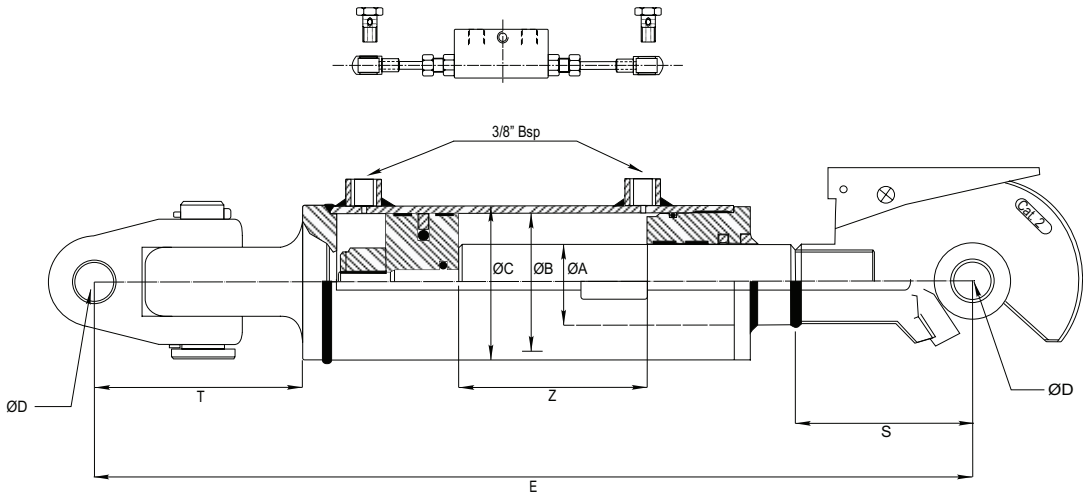

*Working pressure: 180 bars.*
*Speed: 0.5 m/s.*
*Working temperature: -25ºC - +80ºC.*
*Oil: Mineral oil.*
*Rod: C45 f7 25 microns.*
*Tube: St52.3 Din2393 Iso H9*

*Option : Dual pilot operated check valve set. (VADP008EX).*
*Ball joints welded.*

| ORDER CODE | ØA | Z STROKE | E | B | C | ØD | S | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| 610/016 | 30 | 160 | 416 | 50 | 60 | 19.3 | 60 | 0.32 | 5.6 | £95.56 | € 129.01 |
| 610/021 | | 210 | 466 | | | 19.3 | | 0.42 | 6.2 | £101.50 | € 137.02 |
| 610/028 | | 280 | 536 | | | 19.3 | | 0.56 | 7.1 | £110.24 | € 148.82 |
| 610/040 | | 400 | 656 | | | 19.3 | | 0.8 | 8.5 | £128.29 | € 173.19 |
| 610/016A | | 160 | 426 | | | 25.4 | 65 | 0.32 | 6.3 | £95.56 | € 129.01 |
| 610/021A | | 210 | 476 | | | 25.4 | | 0.42 | 6.9 | £101.50 | € 137.02 |
| 610/028A | | 280 | 546 | | | 25.4 | | 0.56 | 7.9 | £110.24 | € 148.82 |
| 610/040A | | 400 | 666 | | | 25.4 | | 0.8 | 9.2 | £128.29 | € 173.19 |
| 611/016 | 35 | 160 | 440 | 60 | 70 | 25.4 | | 0.48 | 7.8 | £107.92 | € 145.69 |
| 611/021 | | 210 | 490 | | | 25.4 | | 0.63 | 8.6 | £115.43 | € 155.83 |
| 611/028 | | 280 | 560 | | | 25.4 | | 0.84 | 9.6 | £126.00 | € 170.10 |
| 611/040 | | 400 | 680 | | | 25.4 | | 1.2 | 15.6 | £144.08 | € 194.52 |
| 612/016 | 40 | 160 | 461 | 80 | 90 | 25.4 | 70 | 0.9 | 12.5 | £141.52 | € 191.05 |
| 612/021 | | 210 | 511 | | | 25.4 | | 1.2 | 13.7 | £151.30 | € 204.25 |
| 612/028 | | 280 | 581 | | | 25.4 | | 1.6 | 15.2 | £166.91 | € 225.33 |
| 612/040 | | 400 | 701 | | | 25.4 | | 2.2 | 18 | £174.47 | € 235.55 |

# SERIES 620 - HYDRAULIC TOP LINK (RAPID HOOK)

www.flowfitonline.com
TECH. DATA SHEET
FHC08




*Working pressure: 180 bars.*
*Speed: 0.5 m/s.*
*Working temperature: -25ºC - +80ºC.*
*Oil: Mineral oil.*
*Rod: C45 f7 25 microns.*
*Tube: St52.3 Din2393 Iso H9*

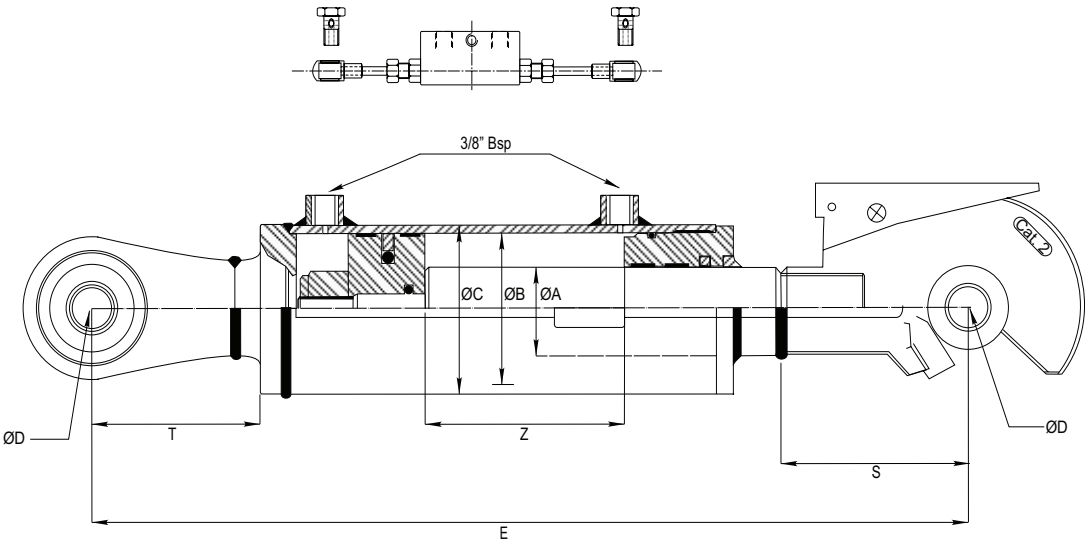
*Option : Dual pilot operated check valve set. (VADP008EX).*
*Ball joints welded.*

| ORDER CODE | ØA | Z STROKE | E | B | C | ØD | S | RANGE | T | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | £ STERLING | € EUROS |
| 620/020 | 35 | 200 | 550 | 60 | 70 | 19.40 | 105 | Cat.2 | 95 | 0.55 | 12.5 | £208.77 | € 281.84 |
| 620/025 | | 250 | 600 | | | | | | | 0.7 | 13.5 | £218.12 | € 294.45 |
| 621/020 | | 200 | 550 | 70 | 80 | 20.40 | | | | 0.95 | 14 | £234.13 | € 316.08 |
| 621/025 | | 250 | 600 | | | 22.40 | | | | 1.15 | 15.5 | £228.39 | € 308.32 |
| 622/020 | 40 | 200 | 600 | 80 | 95 | 25.40 | 132 | Cat.3 | | 1.1 | 18 | £305.93 | € 413.00 |
| 622/025 | | 250 | 650 | | | | | | | 1.35 | 20 | £311.64 | € 420.72 |
| 623/020 | | 200 | 600 | 90 | 105 | 28.40 | | | | 1.3 | 19.5 | £320.55 | € 432.76 |
| 623/025 | | 250 | 650 | | | 30.40 | | | | 1.65 | 22 | £328.60 | € 443.61 |
| 624/020 | 45 | 200 | 600 | 100 | 115 | 32.40 | | | | 1.55 | 22.5 | £351.77 | € 474.89 |
| 624/025 | | 250 | 650 | | | | | | | 1.9 | 25.5 | £366.34 | € 494.55 |

FOR SALES & ADVICE CALL US 01584 876033

# SERIES 630 - HYDRAULIC TOP LINK (RAPID HOOK)

www.flowfitonline.com
TECH. DATA SHEET
FHC09



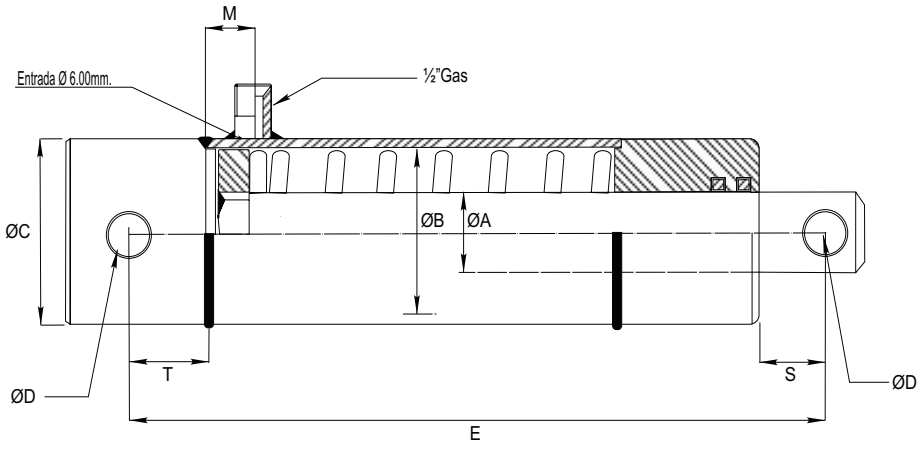

*Working pressure: 180 bars.*
*Speed: 0.5 m/s.*
*Working temperature: -25ºC - +80ºC.*
*Oil: Mineral oil.*
*Rod: C45 f7 25 microns.*
*Tube: St52.3 Din2393 Iso H9*

*Option : Dual pilot operated check valve set. (VADP008EX).*
*Ball joints and rapid hook welded.*

| ORDER CODE | ØA | Z STROKE | E | B | C | ØD | S | RANGE | T | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | £ STERLING | € EUROS |
| 630/020 | 35 | 200 | 550 | 60 | 70 | 19.40 | 105 | Cat.2 | 95 | 0.55 | 12.5 | £191.46 | € 258.48 |
| 630/025 | | 250 | 600 | | | | | | | 0.7 | 13.5 | £198.49 | € 267.97 |
| 631/020 | | 200 | 550 | 70 | 80 | 20.40 | | | | 0.95 | 14 | £202.39 | € 273.24 |
| 631/025 | | 250 | 600 | | | 22.40 | | | | 1.15 | 15.5 | £210.90 | € 284.72 |
| 632/020 | 40 | 200 | 600 | 80 | 95 | 25.40 | 132 | Cat.3 | | 1.1 | 18 | £278.54 | € 376.03 |
| 632/025 | | 250 | 650 | | | | | | | 1.35 | 20 | £290.43 | € 392.08 |
| 633/020 | | 200 | 600 | 90 | 105 | 28.40 | | | | 1.3 | 19.5 | £293.01 | € 395.57 |
| 633/025 | | 250 | 650 | | | 30.40 | | | | 1.65 | 22 | £304.62 | € 411.24 |
| 634/020 | 45 | 200 | 600 | 100 | 115 | 32.40 | | | | 1.55 | 22.5 | £323.41 | € 436.60 |
| 634/025 | | 250 | 650 | | | | | | | 1.9 | 25.5 | £337.89 | € 456.15 |

# SERIES 700 - BRAKE CYLINDER (SINGLE ACTING)

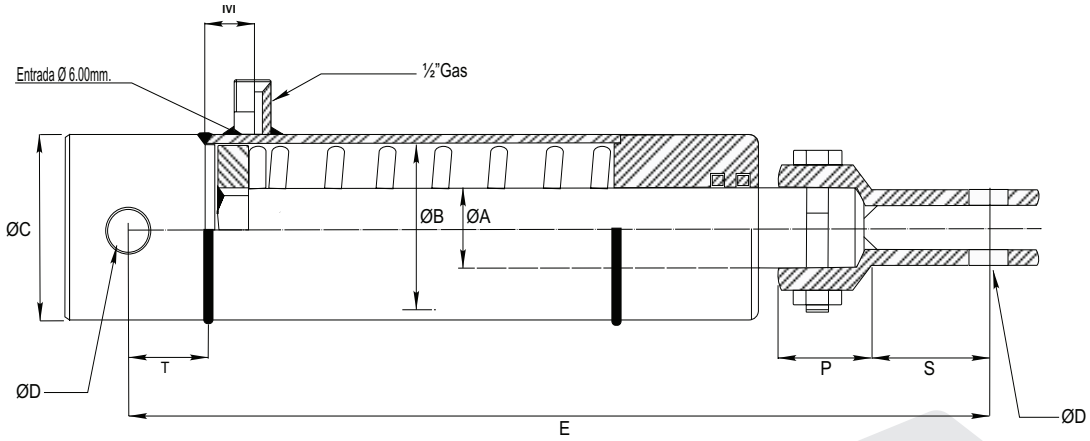
www.flowfitonline.com
TECH. DATA SHEET
FHC10




| ORDER CODE | ØA | Z STROKE | E | B | C | D | S | T | M | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | £ STERLING | € EUROS |
| 700/010 | 25 | 100 | 240 | 35 | 45 | 12.25 | 17 | 15 | 25 | 0.12 | 2.5 | £34.62 | € 46.74 |

# SERIES 710 - BRAKE CYLINDER (SINGLE ACTING)

www.flowfitonline.com
TECH. DATA SHEET
FHC10




| ORDER CODE | ØA | Z STROKE | E | B | C | D | S | T | P | M | VOL | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | £ STERLING | € EUROS |
| 710/010 | 25 | 100 | 300 | 35 | 45 | 12.25 | 35 | 15 | 15 | 25 | 0.12 | 2.3 | £POA | £POA |

# FOLDING HYDRAULIC CRUTCH

www.flowfitonline.com
TECH. DATA SHEET
FHC11



The new PHR design features an innovative support for trailers which is based on a retracting double acting hydraulic system, that ensures better performance user convenience.



## CHARACTERISTICS

- Hydraulic crutch with double acting cylinder.
- Use: stabilizer for trailer front shaft
- Maximum Pressure: 200 bar
- Maximum speed: 0.5 m/s
- Temperature: -30ºc a 90ºc
- Mineral hydraulic oil

## WELDING

- Do not Weld on the cylinder.
  To weld on any other component, please take pieces apart first.

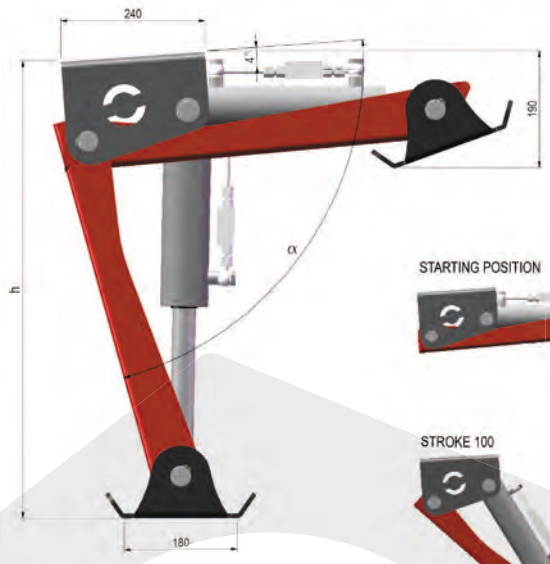
## RECOMMENDATIONS

- Check the oil cleanlines (pollution).
- Grease frequently.
- Check that there are no obstacles blocking the free movement of parts

## STORAGE

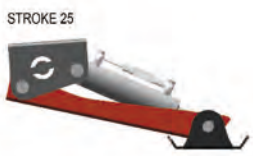
- In case of long-term storage under severe weather conditions, the rod must be fully retracted and greased.

| PRODUCT REFERENCE | DESCRIPTION | FULL BORE OIL VOLUME | | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| ZZ007304 | FOLDING HYDRAULIC CRUTCH WITH CYLINDER PISTON 70MM | 0.77 LITRE | £200.72 | € 270.97 |
| ZZ007305 | FOLDING HYDRAULIC CRUTCH WITH CYLINDER PISTON 80MM | 1.01 LITRE | £210.92 | € 284.75 |



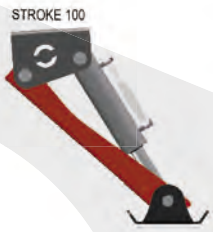

| POSITION | α | HEIGHT h (mm.) | LOAD PHR70 (kg.) | LOAD PHR80 (kg.) |
|---|---|---|---|---|
| STARTING | 1° | 180 | - | - |
| STROKE 25 | 16° | 352 | 3500 | 4500 |
| STROKE 50 | 27° | 459 | 5000 | 6600 |
| STROKE 100 | 45° | 586 | 6800 | 8800 |
| STROKE 150 | 62° | 695 | 7500 | 9800 |
| STROKE 200 | 78° | 759 | 7600 | 10000 |





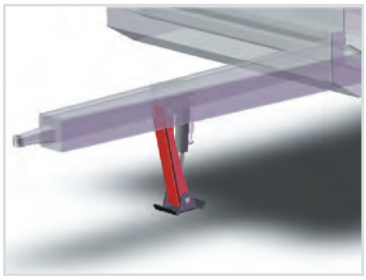
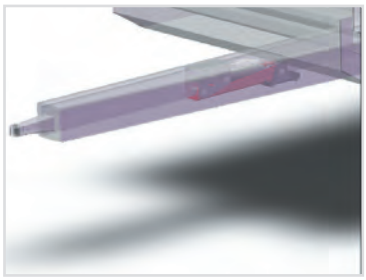
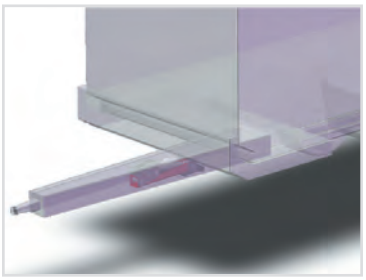
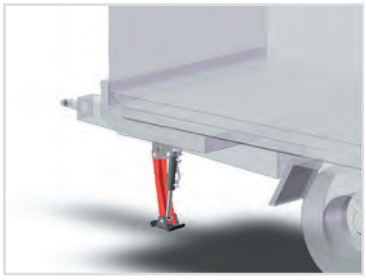
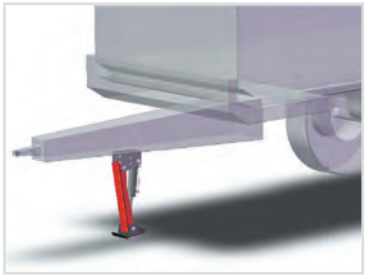











## LOG SPLITTER KITS

# FLOWFIT LOG SPLITTER KITS


| PRODUCT | PAGE |
|---|---|
| HONDA LOGSPLITTER KIT | 295 |
| LONCIN LOGSPLITTER KIT | 297 |








**QUALITY PRODUCTS**

**FREE ADVICE**

If the part number needed is not listed please ask the Flowfit Sales Team

# FLOWFIT LOG SPLITTER KITS

**Flowfit offer a range of Log-Splitting Components to suit a variety of size requirements and performances.**
**The components can be sized to suit portable Petrol Motor units and Tractor PTO set-ups. The petrol units have four basic sizes –**

**5.5 HP, 9 HP, 13 HP and 20 HP and can be suited for use with Loncin and Honda and many other petrol engines.**
**The Flowfit Log Splitter Kit comes complete with a top quality Flowfit High-Low Pump that is designed to use the available horsepower in the most efficient manner with a fast approach at low pressure, and a slower splitting action at high pressure. Besides the standard double acting log splitter valve supplied with each log splitter kit we also offer as an optional extra a 3/8 lever operated log splitter valve with autokick out function this is the most popular log splitter valve on the market and comes with a number of significant features, first pull the lever into the detent position (at this point no need to hold hand on the lever) the double acting hydraulic cylinder fully extends, the lever then automatically kicks out to neutral. You then push the lever into another detent position to return the double acting cylinder which does not kick out automatically. This action can be reversed to give the opposite action depending how you wish to operate your log splitter.**

**Flowfit have also included the following components for the three sizes of log-splitting system and is offering them as complete hydraulic component kit for new or rebuilt log-splitters.**

www.flowfitonline.com
TECH. DATA SHEET
LSK01




| PART NUMBER | DESCRIPTION | £ STERLING | € EUROS |
|---|---|---|---|
| ZZ004719 | 5.5HP HONDA LOG SPLITTER KIT 7.7 TON FORCE | £728.25 | € 983.15 |

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING**

| ZZ004719 • 5.5 HP HONDA LOGSPLITTER KIT | | |
|---|---|---|
| FT8C401 | FILLER BREATHER 6 HOLE 40 MICR | 1 |
| FL2M12 | 127MM LEVEL INDICATOR M12 BOLT | 1 |
| 200.0514.12.024 | HDM140K02150A01L100 | 1 |
| 200.7022.1019.0 | M8X150MM LEVER HDM140/HDM11/ | 1 |
| A110C10 | A110C10 | 1 |
| GPCBN080PC | 8GPM LOG SPLITTER HI-LO PUMP | 1 |
| M8X25CAPHEAD | M8X25CAPHEAD | 8 |
| M8X35CAPHEAD | M8 X 35MM CAPHEAD | 4 |
| M8SPRINGWASHER | M8SPRINGWASHER | 12 |
| M8NYLOCNUT | M8 NYLOCNUT | 4 |
| 204/050 | DA CYL 80/70/40/500 | 1 |
| 07.017.00006 | FA-1-20/21-0-R-0 ALUMINUM RETU | 1 |
| BHE112/045A | LOGSPLITTER BELL HOUSING | 1 |
| HC219MC048 | DRIVE COUPLING ENGINE HALF. | 1 |
| ER200 ER300 | GP 3 D/COUPLING SPIDER | 1 |
| HC212HB035 | DRIVE COUPLING PUMP HALF | 1 |
| R1 | R1 INDICATOR TO SUIT FILTREC | 1 |
| GX160UT1QX4 | 5.5HP HONDA PETROL ENGINE | 1 |

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-210 bar this system will give 7.7 tons approx of cutting force.

The Low Pressure Cylinder

Extension Time = Approx 4 seconds.

The High Pressure Cylinder

Extension Time = Approx 8 seconds.

The Cylinder Retraction Time = Approx 4.5 seconds.

Cylinder speeds will alter with size of log and speed of engine.

**COMPATABILITY**
**ABOVE KIT WILL FIT ONTO THE FOLLOWING ENGINES:**

HONDA GX160Q AND HONDA GX200Q.

LONCIN G160FQ AND LONCIN G200FQ.

FUJI ROBIN EY15 AND EX15.

| PART NUMBER | DESCRIPTION | £ STERLING | € EUROS |
|---|---|---|---|
| ZZ004720 | 9HP HONDA LOG SPLITTER KIT 10 TON FORCE | £1,234.38 | € 1,666.40 |

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING**

| ZZ004720 • 9 HP HONDA LOGSPLITTER KIT | | |
|---|---|---|
| GPCBN110PC | 11GPM LOG SPLITTER HI-LO PUMP | 1 |
| FT8C401 | FILLER BREATHER 6 HOLE 40 MICR | 1 |
| FL2M12 | 127MM LEVEL INDICATOR M12 BOLT | 1 |
| 200.0611.13.042 | HDM11S1K03150A01L100 (1/2) | 1 |
| 200.7022.1019.0 | M8X150MM LEVER HDM140/HDM11/ | 1 |
| 205/050 | DA CYL 90/80/40/500 | 1 |
| A110C10 | A110C10 | 1 |
| 07.017.00006 | FA-1-20/21-0-R-0 ALUMINUM RETU | 1 |
| BHE112/045A | LOGSPLITTER BELL HOUSING | 1 |
| HC319MC048 | DRIVE COUPLING ENGINE HALF. | 1 |
| ER300 | ER300 GP 3 D/COUPLING SPIDER | 1 |
| HC312HB035 | DRIVE COUPLING PUMP HALF | 1 |
| R1 | R1 INDICATOR TO SUIT FILTREC | 1 |
| GX270UT2QXQ4 | 9.5HP HONDA PETROL ENGINE | 1 |
| ER200 ER300 | GP 3 D/COUPLING SPIDER | 1 |
| HC212HB035 | DRIVE COUPLING PUMP HALF | 1 |
| R1 | R1 INDICATOR TO SUIT FILTREC | 1 |
| GX160UT1QX4 | 5.5HP HONDA PETROL ENGINE | 1 |

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-210 bar this system will give 10 tons approx of cutting force.

The Low Pressure Cylinder

Extension Time = Approx 4 seconds.

The High Pressure Cylinder

Extension Time = Approx 8 seconds.

The Cylinder Retraction Time = Approx 4.5 seconds.

Cylinder speeds will alter with size of log and speed of engine.

**COMPATABILITY**
**ABOVE KITS WILL FIT ONTO THE FOLLOWING ENGINES:**

HONDA GX240Q, HONDA GX270Q, HONDA GX340Q AND HONDA GX390Q.

LONCIN G240FQ, LONCIN G270FQ,LONCIN G340FQ AND LONCIN G390FQ.

FUJI ROBIN EY30 AND EX30.

| PART NUMBER | DESCRIPTION | £ STERLING | € EUROS |
|---|---|---|---|
| ZZ004721 | 13HP HONDA LOG SPLITTER KIT 15.7 TON FORCE | £1,287.38 | € 1,737.97 |

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING**

| ZZ004721 • 13 HP HONDA LOGSPLITTER KIT | | |
|---|---|---|
| GPCBN160PC | 16GPM LOG SPLITTER HI-LO PUMP | 1 |
| FL2M12 | 127MM LEVEL INDICATOR M12 BOLT | 1 |
| 200.7022.2001.0 | M10X185 LEVER HDS15/HDS20 | 1 |
| 206/060 | DA CYL 100/90/50/600 | 1 |
| 200.0718.13.002 | "HDM181K02150A08L100 1/2"" | 1 |
| BHE152/045A | LOGSPLITTER BELL HOUSING | 1 |
| ER300 | ER300 GP 3 D/COUPLING SPIDER | 1 |
| HC312HB035 | DRIVE COUPLING PUMP HALF | 1 |
| HC325NC048 | DRIVE COUPLING ENGINE HALF | 1 |
| A120C10 | A120C10 | 1 |
| 07.017.00006 | FA-1-20/21-0-R-0 ALUMINUM RETU | 1 |
| FT8C401 | FILLER BREATHER 6 HOLE 40 MICR | 1 |
| R1 | R1 INDICATOR TO SUIT FILTREC | 1 |
| GX390UT2QXQ4 | 13HP HONDA PETROL ENGINE | 1 |

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-210 bar this system will give 15.7 tons approx of cutting force.

The Low Pressure Cylinder
Extension Time = Approx 4 seconds.

The High Pressure Cylinder
Extension Time = Approx 6 seconds

The Cylinder Retraction Time = Approx 3 seconds.

Cylinder speeds will alter with size of log and speed of engine.

**COMPATABILITY**
**ABOVE KITS WILL FIT ONTO THE FOLLOWING ENGINES:**

HONDA GX240Q, HONDA GX270Q, HONDA GX340Q AND HONDA GX390Q.

LONCIN G240FQ, LONCIN G270FQ,LONCIN G340FQ AND LONCIN G390FQ.

FUJI ROBIN EY30 AND EX30.

| PART NUMBER | DESCRIPTION | £ STERLING | € EUROS |
|---|---|---|---|
| ZZ004722 | 20HP HONDA LOG SPLITTER KIT 22 TON FORCE | £3,056.91 | € 4,126.83 |

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING**

| ZZ004722 • 20 HP HONDA LOGSPLITTER KIT | | |
|---|---|---|
| 208/050 | DA CYL 140/120/70/500 | 1 |
| GPCBN220PC | 22GPM LOG SPLITTER HI-LO PUMP | 1 |
| 200.0725.14.001 | HDM25/1K03 150/A01L100 | 1 |
| 200.7022.2001.0 | M10X185 LEVER HDS15/HDS20 | 1 |
| FT8C401 | FILLER BREATHER 6 HOLE 40 MICR | 1 |
| FL3M10 | 254MM LEVEL INDICATOR M10 BOLT | 1 |
| BELLHOUSING/ COUPLING | BELLHOUSING/COUPLING | 1 |
| A120C10 | A120C10 | 1 |
| 07.017.00006 | FA-1-20/21-0-R-0 ALUMINUM RETU | 1 |
| R1 | R1 INDICATOR TO SUIT FILTREC | 1 |
| GX630-F-M | 20HP HONDA ENGINE WITH RECOIL | 1 |
| 06183-Z6L-B0F-L | EXHAUST TO SUTI GX630 LEFT | 1 |

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-210 bar this system will give 15.7 tons approx of cutting force.

The Low Pressure Cylinder

Extension Time = Approx 4 seconds.

The High Pressure Cylinder

Extension Time = Approx 6 seconds

The Cylinder Retraction Time = Approx 3 seconds.

Cylinder speeds will alter with size of log and speed of engine.

**COMPATABILITY**
**ABOVE KITS WILL FIT ONTO THE FOLLOWING ENGINES:**

HONDA GX240Q, HONDA GX270Q, HONDA GX340Q AND HONDA GX390Q.

LONCIN G240FQ, LONCIN G270FQ,LONCIN G340FQ AND LONCIN G390FQ.

FUJI ROBIN EY30 AND EX30.

www.flowfitonline.com
TECH. DATA SHEET
LSK02




| PART NUMBER | DESCRIPTION | £ STERLING | € EUROS |
|---|---|---|---|
| ZZ001080 | 5.5HP LONCIN LOG SPLITTER KIT 7.7 TON FORCE | £508.65 | € 686.67 |

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING**

| ZZ001080 • 5.5 HP LONCIN LOGSPLITTER KIT | | |
|---|---|---|
| FT8C401 | FILLER BREATHER 6 HOLE 40 MICR | 1 |
| FL2M12 | 127MM LEVEL INDICATOR M12 BOLT | 1 |
| 200.0514.12.024 | HDM140K02150A01L100 | 1 |
| 200.7022.1019.0 | M8X150MM LEVER HDM140/HDM11/ | 1 |
| A110C10 | A110C10 | 1 |
| GPCBN080PC | 8GPM LOG SPLITTER HI-LO PUMP | 1 |
| M8X25CAPHEAD | M8X25CAPHEAD | 8 |
| M8X35CAPHEAD | M8 X 35MM CAPHEAD | 4 |
| M8SPRINGWASHER | M8SPRINGWASHER | 12 |
| M8NYLOCNUT | M8 NYLOCNUT | 4 |
| 204/050 | DA CYL 80/70/40/500 | 1 |
| 07.017.00006 | FA-1-20/21-0-R-0 ALUMINUM RETU | 1 |
| BHE112/045A | LOGSPLITTER BELL HOUSING | 1 |
| HC219MC048 | DRIVE COUPLING ENGINE HALF. | 1 |
| ER200 | ER300 GP 3 D/COUPLING SPIDER | 1 |
| HC212HB035 | DRIVE COUPLING PUMP HALF | 1 |
| R1 | R1 INDICATOR TO SUIT FILTREC | 1 |

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-210 bar this system will give 7.7 tons approx of cutting force.

The Low Pressure Cylinder

Extension Time = Approx 4 seconds.

The High Pressure Cylinder

Extension Time = Approx 8 seconds.

The Cylinder Retraction Time = Approx 4.5 seconds.

Cylinder speeds will alter with size of log and speed of engine.

**COMPATABILITY**
**ABOVE KIT WILL FIT ONTO THE FOLLOWING ENGINES:**

HONDA GX160Q AND HONDA GX200Q.

LONCIN G160FQ AND LONCIN G200FQ.

FUJI ROBIN EY15 AND EX15.

| PART NUMBER | DESCRIPTION | £ STERLING | € EUROS |
|---|---|---|---|
| ZZ001081 | 9HP LONCIN LOG SPLITTER KIT 10 TON FORCE | £695.43 | € 938.83 |

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING**

| ZZ001081 • 9 HP LONCIN LOGSPLITTER KIT | | |
|---|---|---|
| GPCBN110PC | 11GPM LOG SPLITTER HI-LO PUMP | 1 |
| FT8C401 | FILLER BREATHER 6 HOLE 40 MICR | 1 |
| FL2M12 | 127MM LEVEL INDICATOR M12 BOLT | 1 |
| 200.0611.13.042 | HDM11S1K03150A01L100 (1/2) | 1 |
| 200.7022.1019.0 | M8X150MM LEVER HDM140/HDM11/ | 1 |
| 205/050 | DA CYL 90/80/40/500 | 1 |
| G270F-P | LONCIN 9HP PETROL ENGINE. | 1 |
| A110C10 | A110C10 | 1 |
| 07.017.00006 | FA-1-20/21-0-R-0 ALUMINUM RETU | 1 |
| BHE112/045A | LOGSPLITTER BELL HOUSING | 1 |
| HC319MC048 | DRIVE COUPLING ENGINE HALF. | 1 |
| ER3 00 | ER300 GP 3 D/COUPLING SPIDER | 1 |
| HC312HB035 | DRIVE COUPLING PUMP HALF | 1 |
| R1 | R1 INDICATOR TO SUIT FILTREC | 1 |

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-210 bar this system will give 10 tons approx of cutting force.

The Low Pressure Cylinder
Extension Time = Approx 4 seconds.

The High Pressure Cylinder
Extension Time = Approx 8 seconds.

The Cylinder Retraction Time = Approx 4.5 seconds.

Cylinder speeds will alter with size of log and speed of engine.

**COMPATABILITY**
**ABOVE KITS WILL FIT ONTO THE FOLLOWING ENGINES:**

HONDA GX240Q, HONDA GX270Q, HONDA GX340Q AND HONDA GX390Q.

LONCIN G240FQ, LONCIN G270FQ,LONCIN G340FQ AND LONCIN G390FQ.

FUJI ROBIN EY30 AND EX30.

| PART NUMBER | DESCRIPTION | £ STERLING | € EUROS |
|---|---|---|---|
| ZZ001082 | 13HP LONCIN LOG SPLITTER KIT 15.7 TON FORCE | £845.64 | € 1,141.60 |

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING**

| ZZ001082 • 13 HP LONCIN LOGSPLITTER KIT | | |
|---|---|---|
| GPCBN160PC | 16GPM LOG SPLITTER HI-LO PUMP | 1 |
| FL2M12 | 27MM LEVEL INDICATOR M12 BOLT | 1 |
| 200.7022.2001.0 | M10X185 LEVER HDS15/HDS20 | 1 |
| 206/060 | DA CYL 100/90/50/600 | 1 |
| p | 13HP LONCIN PETROL ENGINE | 1 |
| 200.0718.13.002 | “HDM181K02150A08L100 1/2”“” | 1 |
| BHE152/045A | LOGSPLITTER BELL HOUSING | 1 |
| ER300 | ER300 GP 3 D/COUPLING SPIDER | 1 |
| HC312HB035 | DRIVE COUPLING PUMP HALF | 1 |
| HC325NC048 | DRIVE COUPLING ENGINE HALF | 1 |
| A120C10 | A120C10 | 1 |
| 07.017.00006 | FA-1-20/21-0-R-0 ALUMINUM RETU | 1 |
| R1 | R1 INDICATOR TO SUIT FILTREC | 1 |
| FT8C401 | FILLER BREATHER 6 HOLE 40 MICR | 1 |

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-210 bar this system will give 10 tons approx of cutting force.

The Low Pressure Cylinder
Extension Time = Approx 4 seconds.

The High Pressure Cylinder
Extension Time = Approx 8 seconds.

The Cylinder Retraction Time = Approx 4.5 seconds.

Cylinder speeds will alter with size of log and speed of engine.

**COMPATABILITY**
**ABOVE KITS WILL FIT ONTO THE FOLLOWING ENGINES:**

HONDA GX240Q, HONDA GX270Q, HONDA GX340Q AND HONDA GX390Q.

LONCIN G240FQ, LONCIN G270FQ,LONCIN G340FQ AND LONCIN G390FQ.

FUJI ROBIN EY30 AND EX30.

| PART NUMBER | DESCRIPTION | £ STERLING | € EUROS |
|---|---|---|---|
| ZZ004717 | 20HP LONCIN LOG SPLITTER KIT 22 TON FORCE | £1,880.59 | € 2,538.80 |

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING**

| ZZ004717 • 20 HP LONCIN LOGSPLITTER KIT | | |
|---|---|---|
| 208/050 | DA CYL 140/120/70/500 | 1 |
| LC2V78FD | 20HP V TWIN ENGINE LONCIN | 1 |
| GPCBN220PC | 22GPM LOG SPLITTER HI-LO PUMP | 1 |
| 200.0725.14.001 | HDM25/1K03 150/A01L100 | 1 |
| 200.7022.2001.0 | M10X185 LEVER HDS15/HDS20 | 1 |
| FT8C401 | FILLER BREATHER 6 HOLE 40 MICR | 1 |
| FL3M10 | 254MM LEVEL INDICATOR M10 BOLT | 1 |
| BELLHOUSING/ COUPLING | BELLHOUSING/COUPLING | 1 |
| A120C10 | A120C10 | 1 |
| 07.017.00006 | FA-1-20/21-0-R-0 ALUMINUM RETU | 1 |
| R1 | R1 INDICATOR TO SUIT FILTREC | 1 |

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-210 bar this system will give 15.7 tons approx of cutting force.

The Low Pressure Cylinder
Extension Time = Approx 4 seconds.

The High Pressure Cylinder
Extension Time = Approx 6 seconds

The Cylinder Retraction Time = Approx 3 seconds.

Cylinder speeds will alter with size of log and speed of engine.

**COMPATABILITY**
**ABOVE KITS WILL FIT ONTO THE FOLLOWING ENGINES:**

HONDA GX240Q, HONDA GX270Q, HONDA GX340Q AND HONDA GX390Q.

LONCIN G240FQ, LONCIN G270FQ,LONCIN G340FQ AND LONCIN G390FQ.

FUJI ROBIN EY30 AND EX30.

## CLUTCHES AND GEARBOXES

# MECHANICAL CLUTCHES


| PRODUCT | PAGE |
|---|---|
| SERIES 30100 MECHANICAL CLUTCH GROUP 1 AND GROUP 2 • 30KW | 300 |
| SERIES 30300 MECHANICAL CLUTCH GROUP 2 AND GROUP 3 • 40KW | 301 |
| SERIES 30500 MECHANICAL CLUTCH GROUP 3.5 AND GROUP 4 • 60KW | 302 |
| FLANGES TO SUIT SERIES 30500 MECHANICAL CLUTCH | 303 |







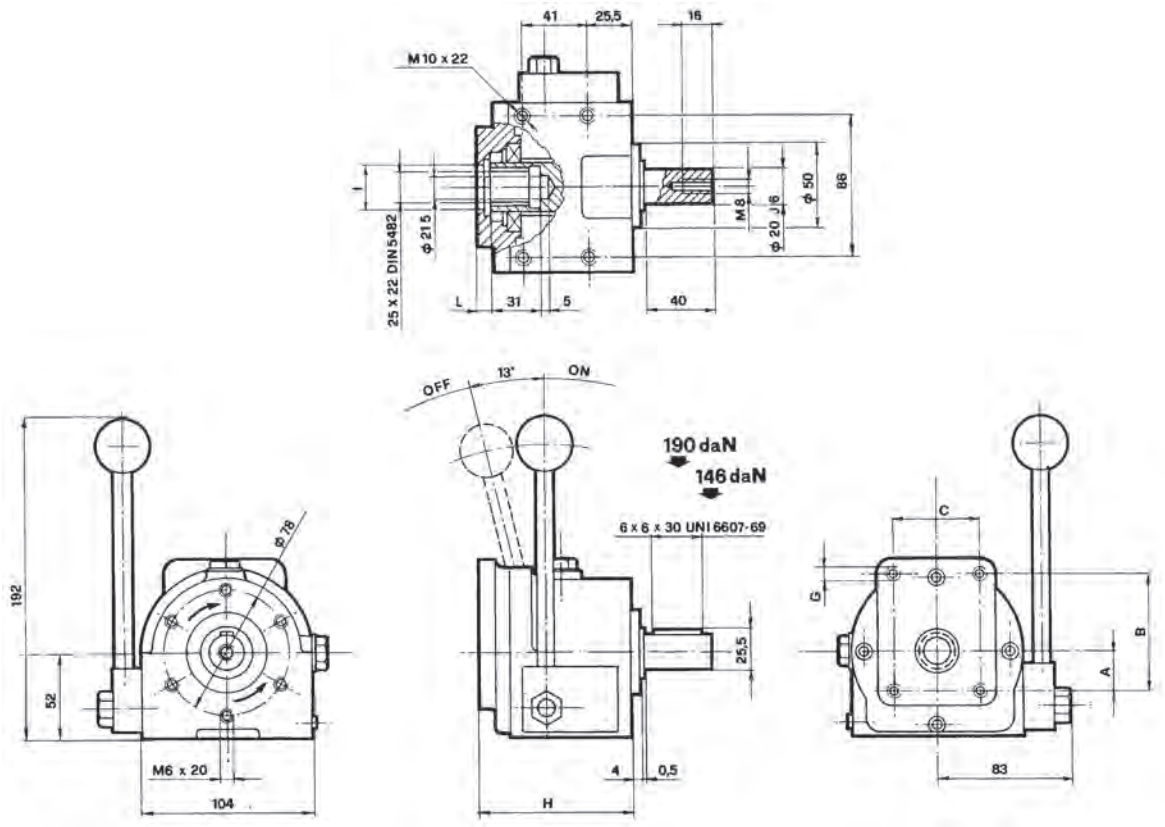

QUALITY PRODUCTS

FREE ADVICE

FOR SALES & ADVICE CALL US 01584 876033

# SERIES 30100 MECHANICAL CLUTCH GROUP 1 AND GROUP 2 • 30KW

www.flowfitonline.com
TECH. DATA SHEET
MC01




The mechanical couplings with two direction arrows are REVERSIBLE

| NOMINAL TORQUE | MAX. SPEED | MAX. POWER OUTPUT | AXIAL LOAD |
|---|---|---|---|
| 9 daNm | 2000 RPM | Kw 30 | 120 daN |

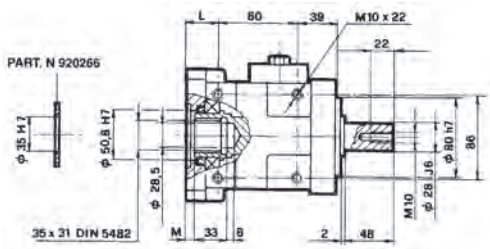
| PART NUMBER | DIRECTION OF ROTATION | PUMP GROUP | A | B | C | G | H | I | L |
|---|---|---|---|---|---|---|---|---|---|
| 30100 | REVERSIBLE | European Group 1+2 | 26.3 | 72 | 52.4 | M6x12 | 92.5 | 25.4 H | 7 |
| 30103 | CLOCKWISE | | | | | | | | |
| 30104 | ANTICLOCKWISE | European Group 1+2 | 32.5 | 96 | 71.4 | M8x15 | 95.5 | 36,5 H7 | 10 |

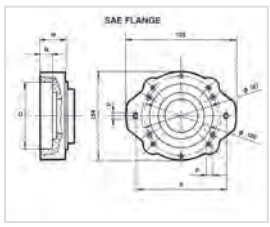
| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 25 - 30100 | Mechanical Clutch Reversible for European Group 1 and Group 2 Pumps | £178.61 | € 241.12 |
| 25 - 30103 | Mechanical Clutch Clockwise for European Group 1 and Group 2 Pumps | £178.61 | € 241.12 |
| 25 - 30104 | Mechanical Clutch Antclockwise for European Group 1 and Group 2 Pumps | £178.61 | € 241.12 |

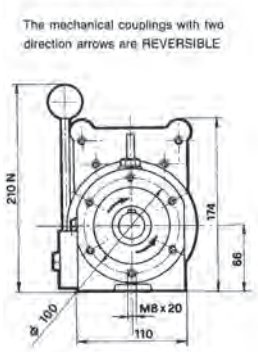
If the part number needed is not listed please ask the Flowfit Sales Team

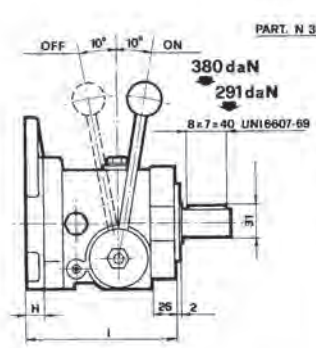
# SERIES 30300 MECHANICAL CLUTCH GROUP 2 AND GROUP 3 • 40KW

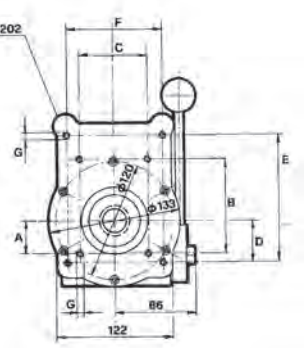
www.flowfitonline.com
TECH. DATA SHEET
MC02




| NOMINAL TORQUE | MAX. SPEED | MAX. POWER OUTPUT | AXIAL LOAD |
|---|---|---|---|
| 18,5 daNm | 2700 RPM | Kw 40 | 160 daN |

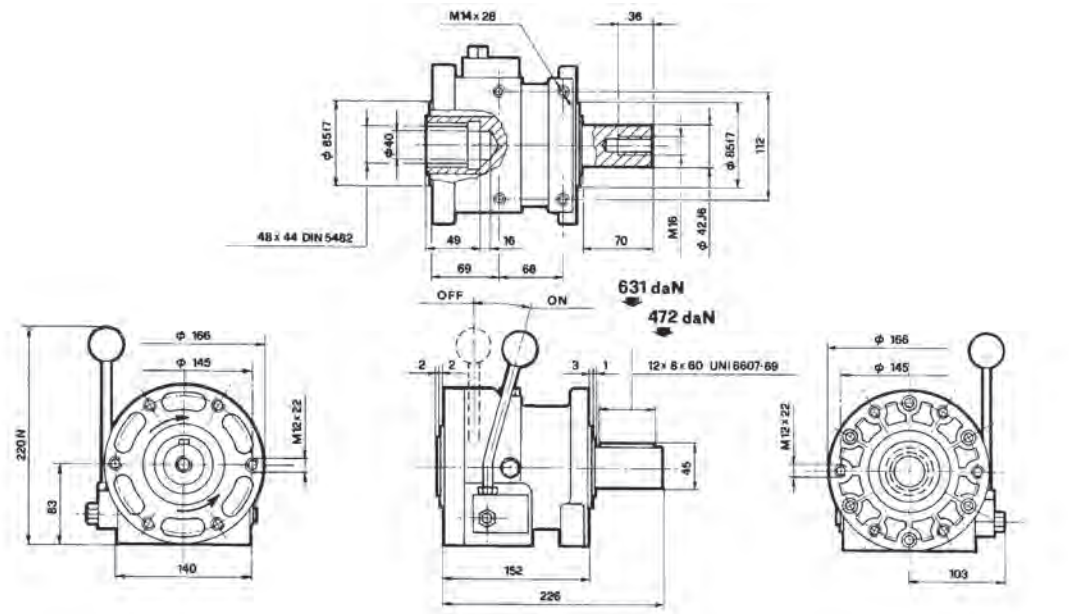
| PART NUMBER | DIRECTION OF ROTATION | PUMP GROUP | A | B | C | D | E | F | G | H | I | L | M | N | O H7 | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26 - 30300<br>26 - 30301<br>26 - 30202 | REVERSIBLE<br>CLOCKWISE<br>ANTICLOCKWISE | European Group 2 + 3 | 32.5 | 96 | 71.4 | 42.5 | 128 | 98.4 | M8x15 | 19 | 151 | 32 | 8.6 | | | |
| 26 - 30311<br>26 - 30303<br>26 - 30304 | REVERSIBLE<br>CLOCKWISE<br>ANTICLOCKWISE | SAE A 2 + 4 BOLT | | | | | 106.4 | | M10x22 | 34 | 166 | 47 | 23.6 | 15 | 82.55 | |
| 26 - 30312<br>26 - 30305<br>26 - 30306 | REVERSIBLE<br>CLOCKWISE<br>ANTICLOCKWISE | SAE B 2 + 4 BOLT | | | | | 146 | | M12x22 | 39 | 171 | 52 | 28.6 | 20 | 101.6 | M12x22 |

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 26 - 30300 | Mechanical Clutch Reversible for European Group 2 and Group 3 Pumps | £245.71 | € 331.71 |
| 26 - 30301 | Mechanical Clutch Clockwise for European Group 2 and Group 3 Pumps | £245.71 | € 331.71 |
| 26 - 30302 | Mechanical Clutch Anticlockwise for European Group 2 and Group 3 Pumps | £245.71 | € 331.71 |
| 26 - 30303 | Mechanical Clutch Clockwise for SAE A Pumps | £274.58 | € 370.68 |
| 26 - 30304 | Mechanical Clutch Anticlockwise SAE A Pumps | £245.71 | € 331.71 |
| 26 - 30305 | Mechanical Clutch Clockwise for SAE B Pumps | £245.71 | € 331.71 |
| 26 - 30306 | Mechanical Clutch Anticlockwise SAE B Pumps | £245.71 | € 331.71 |
| 26 - 30311 | Mechanical Clutch Reversible SAE A Pumps | £274.58 | € 370.68 |
| 26 - 30312 | Mechanical Clutch Reversible SAE B Pumps | £274.58 | € 370.68 |

If the part number needed is not listed please ask the Flowfit Sales Team

# SERIES 30500 MECHANICAL CLUTCH GROUP 3.5 AND GROUP 4 • 60KW

www.flowfitonline.com
TECH. DATA SHEET
MC03




The mechanical couplings with two direction arrows are REVERSIBLE

| NOMINAL TORQUE | MAX. SPEED | MAX. POWER OUTPUT | AXIAL LOAD |
|---|---|---|---|
| 58 daNm | 2700 RPM | Kw 60 | 260 daN |

| PART NUMBER | DIRECTION OF ROTATION |
|---|---|
| 30500 | REVERSIBLE ROTATION |
| 30501 | CLOCKWISE ROTATION |
| 30502 | ANTICLOCKWISE ROTATION |

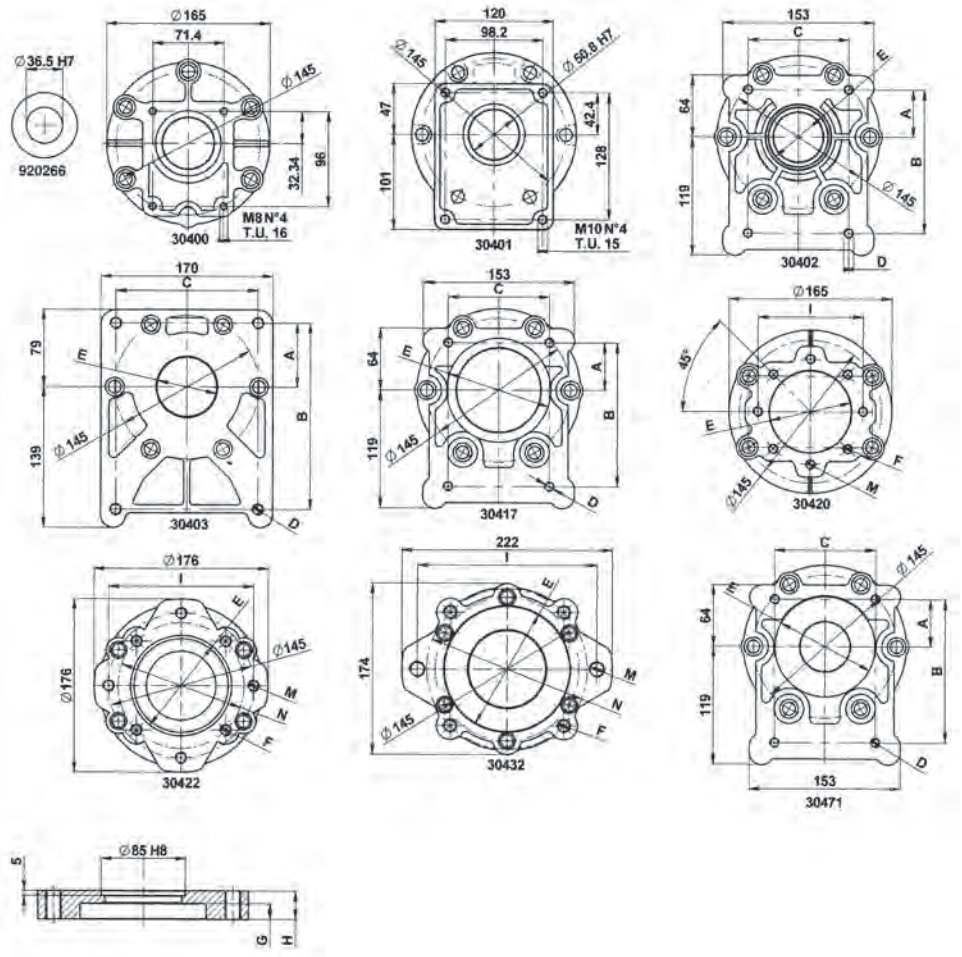
| PART NUMBER | PUMP FLANGE TYPE | A | B | C | D | EH 7 | FG | | H | I | L | M | N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30400 | European Group 2 | | | | | | | 17 | 21 | | | | |
| 30401 | European Group 3 | | | | | | | 21 | 23 | | | | |
| 30402 | European Group 3 + 5 | 49.3 | 149.5 | 114.3 | M10x20 | 60.3 | | 11.5 | 24 | | | | |
| 30403 | European Group 4 | 64.5 | 188 | 143 | M12x22 | 63.5 | | 16 | 23 | | | | |
| 30417 | BOSCH Group 3 | 48 | 145 | 102 | M10x15 | 105 | | 12 | 19 | | | | |
| 30420 | SAE A 2 + 4 BOLT | | | | | 82.55 | M12x20 | 21 | 25 | 106 | | M12x25 | |
| 30422 | SAE B 2 + 4 BOLT | | | | | 101.6 | M12x20 | 12 | 25 | 146 | | M12x25 | 127 |
| 30432 | SAE C 2 + 4 BOLT | | | | | 127 | M14x25 | 16 | 28 | 181 | | M16x25 | 162 |
| 30471 | ULTRA 3PL DOWTY | 52.5 | 53.4 | 105.1 | M10x20 | 101.6 | | 10.5 | 24.5 | | | | |
| | | | | | | | | | | | | | |

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 28 - 30500 | Mechanical Clutch Reversible European Group 3.5 without Flange | £530.44 | € 716.09 |
| 27 - 30501 | Mechanical Clutch Clockwise European Group 3.5 without Flange | £530.44 | € 716.09 |
| 27 - 30502 | Mechanical Clutch Anticlockwise European Group 3.5 without Flange | £530.44 | € 716.09 |

If the part number needed is not listed please ask the Flowfit Sales Team
Select Flange to suit pump type.

# FLANGES TO SUIT SERIES 30500 MECHANICAL CLUTCH

www.flowfitonline.com
TECH. DATA SHEET
MC04




| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 28 - 30400 | European Group 2 Flange C/W +socket capscrews | £64.22 | € 86.69 |
| 28 - 30401 | European Group 3 Flange C/W +socket capscrews | £59.94 | € 80.92 |
| 28 - 30402 | European Group 3 + 5 Flange +socket capscrews | £57.82 | € 78.06 |
| 28 - 30403 | European Group 4 Flange +socket capscrews | £56.16 | € 75.82 |
| 28 - 30417 | Bosch Group 3 Flange +socket capscrews | £73.50 | € 99.23 |
| 28 - 30420 | SAE A 2 BOLT Flange C/W +socket capscrews | £57.80 | € 78.03 |
| 28 - 30421 | SAE B 2 BOLT Flange C/W +socket capscrews | £100.75 | € 136.02 |
| 28 - 30422 | SAE B 4 BOLT Flange C/W +socket capscrews | £72.09 | € 97.32 |
| 28 - 30431 | SAE C 2 BOLT Flange C/W +socket capscrews | £73.50 | € 99.23 |
| 28 - 30432 | SAE C 4 BOLT Flange C/w +socket capscrews | £73.50 | € 99.23 |
| 28 - 30471 | 3PL Ultra/Dowty Flange | £67.74 | € 91.44 |

## CLUTCHES AND GEARBOXES

# FLOWFIT REVERSIBLE MECHANICAL CLUTCH AND HYDRAULIC PUMP ASSEMBLIES


| PRODUCT | PAGE |
|---|---|
| GROUP 1 - 9L/MIN TO 17.64L/MIN | 305 |
| GROUP 2 - 19.8L/MIN TO 46.8L/MIN | 306 |
| GROUP 3 - 52.2L/MIN TO 79.2L/MIN | 306 |




FROM ONLY £269.99 +VAT

QUALITY PRODUCTS

FREE ADVICE

FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

# REVERSIBLE HYDRAULIC MECHANICAL CLUTCH AND PUMP ASSEMBLIES

**These assembly kits are reversible, we do offer bi-directional upon request. When coupled with our range of gear pumps we recommend to engage and disengage the pump when the directional valve is in the unload position at a speed of no more than 1800 rpm. In the reversible position the max engagement and disengagement speed is 1000 rpm.**

**LUBRICATION**

SEA 90 gear oil must be put in the mechanical clutch prior to use - please note we do not supply the gear oil and will not accept responsibility for customers not putting oil into the clutch unit. Change the oil after the first 60-80 hours and then every 12 months or 1500 hours which ever falls first.

**MAINTENANCE**

Please check the oil level via the special oil window every 50 hours. Working temperatures should not exceed 120 degrees celcius under continuos duty cycle.

**SPECIFY THE CORRECT MECHANICAL CLUTCH**

Please check if you are unsure how to apply and use this product. Speed, flow and pressure have a big bearing on selecting the correct combination. If unsure please ask our technical department for assistance.

Please check with the Technical Sales Office if you are not sure which mechanical clutch to use.

Clockwise rotation - Max 5000rpm
Nominal torque and voltages shown in part number description.
Operating temperature: +80°C -20°C
Axial load: 120 daNm

## GROUP 1 - 9L/MIN TO 17.64L/MIN

www.flowfitonline.com
TECH. DATA SHEET
RMCPA1



| PART NO. | FLOW @ 1800RPM L/MIN | WORKING PRESSURE BAR | POWER KW | NOMINAL TORQUE DANM | GRP 1 PUMP CC/REV | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ000464 | 9 | 200 | 3.5 | 1.86 | 5 | £269.99 | € 364.49 |
| ZZ000465 | 11.34 | 200 | 4.4 | 2.33 | 6.3 | £269.99 | € 364.49 |
| ZZ000466 | 14.04 | 200 | 5.5 | 2.91 | 7.8 | £269.99 | € 364.49 |
| ZZ000467 | 17.64 | 200 | 6.9 | 3.66 | 9.8 | £269.99 | € 364.49 |

# GROUP 2 - 19.8L/MIN TO 46.8L/MIN

www.flowfitonline.com
TECH. DATA SHEET
RMCPA2



| PART NO. | FLOW @ 1800RPM L/MIN | WORKING PRESSURE BAR | POWER KW | NOMINAL TORQUE DANM | GRP 2 PUMP CC/REV | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ000468 | 19.80 | 200 | 7.76 | 4.12 | 11 | £284.28 | € 383.78 |
| ZZ000469 | 25.2 | 200 | 9.88 | 5.24 | 14 | £284.28 | € 383.78 |
| ZZ000470 | 28.8 | 200 | 11.29 | 5.98 | 16 | £284.28 | € 383.78 |
| ZZ000471 | 34.2 | 200 | 13.41 | 7.11 | 19.0 | £284.28 | € 383.78 |
| ZZ000472 | 36.9 | 200 | 15.52 | 8.23 | 22.0 | £284.28 | € 383.78 |
| ZZ000473 | 46.8 | 200 | 18.35 | 9.73 | 26.0 | £284.28 | € 383.78 |

# GROUP 3 - 52.2L/MIN TO 79.2L/MIN

www.flowfitonline.com
TECH. DATA SHEET
RMCPA3



| PART NO. | FLOW @ 1800RPM L/MIN | WORKING PRESSURE BAR | POWER KW | NOMINAL TORQUE DANM | GRP 3 PUMP CC/REV | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ000474 | 52.2 | 200 | 20.47 | 10.86 | 29.0 | £426.50 | € 575.77 |
| ZZ000475 | 59.4 | 200 | 23.29 | 12.35 | 33.0 | £426.50 | € 575.77 |
| ZZ000476 | 64.8 | 200 | 25.41 | 13.48 | 36.0 | £426.50 | € 575.77 |
| ZZ000477 | 79.2 | 200 | 31.06 | 16.48 | 44 | £426.50 | € 575.77 |

## CLUTCHES AND GEARBOXES

# PTO GEARBOXES


| PRODUCT | PAGE |
|---|---|
| SERIES 60000 PTO GEARBOX PUMP GROUP 2 • 10KW | 308 |
| SERIES 70000 PTO GEARBOX PUMP GROUP 3 • 20KW | 309 |
| SERIES 70012 CAST IRON PTO GEARBOX PUMP GROUP 3 • 37KW | 310 |







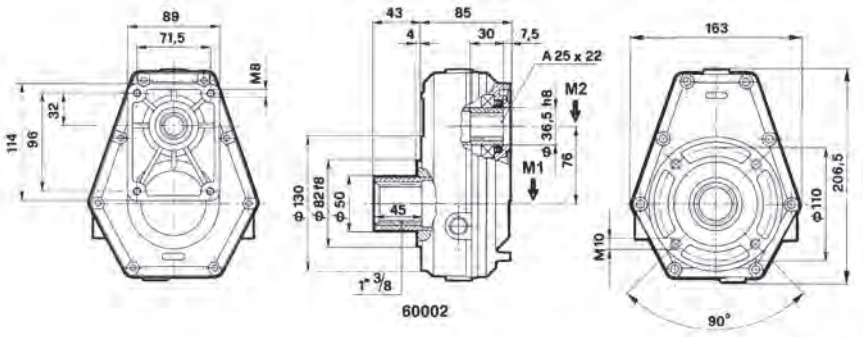

QUALITY PRODUCTS

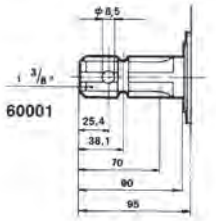
FREE ADVICE

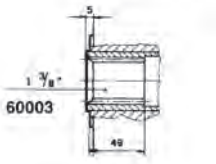


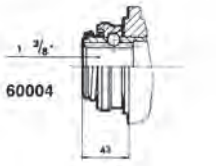
# SERIES 60000 PTO GEARBOX
# PUMP GROUP 2 • 10KW

www.flowfitonline.com
TECH. DATA SHEET
PTOG01




MAX OIL LEVEL 0.22 LITRE

| M1 MAXIMUM CONTINUOUS TORQUE OF THE PTO GEARBOX (Input side daNm) | M2 MAXIMUM TORQUE OF THE PTO GEARBOX (Output side daNm) | N1 TRACTOR OUTPUT SPEED RPM | N2 FINAL OUTPUT SPEED OF PUMP/GEARBOX ASSEMBLY RPM | i RATIO OF SPEED INCREASE | KW MAX TRANSMITTABLE POWER | WEIGHT KG |
|---|---|---|---|---|---|---|
| 17,8 | 11,9 | 540 | 810 | 1,5 | 10 | 5,5 |
| 15,2 | 7,6 | 540 | 1080 | 2 | 10 | 5,5 |
| 16,5 | 6,6 | 540 | 1350 | 2,5 | 10 | 5,5 |
| 18 | 5,5 | 540 | 1680 | 3 | 10 | 5,5 |
| 18,6 | 5,8 | 540 | 1636 | 3,5 | 10 | 5,5 |
| 15,9 | 4,2 | 540 | 2052 | 3,8 | 10 | 5,5 |

| FACTORY PREFIX |
|---|
| 33 |

| PTO GEARBOX |
|---|
| 60001 |
| 60002 |
| 60003 |
| 60004 |

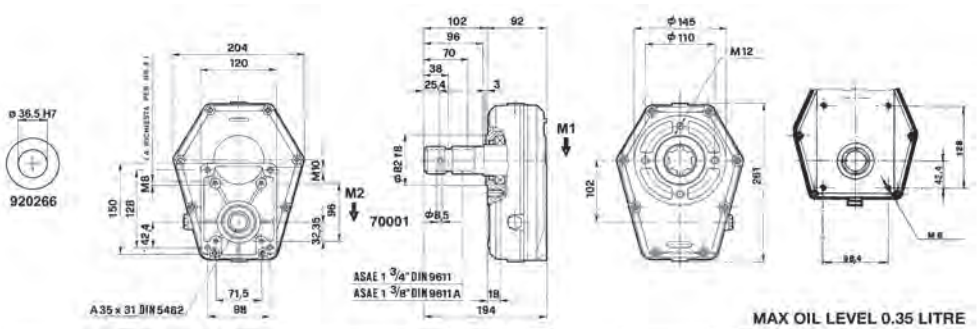
| RATIO AVAILABLE |
|---|
| 1,5 |
| 2 |
| 2,5 |
| 3 |
| 3,5 |
| 3.8 |

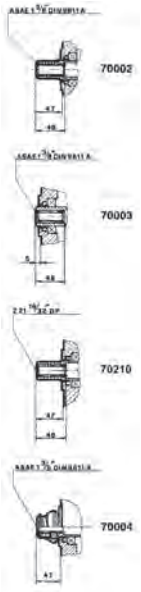



| PART NO. | MALE SHAFT | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 33 - 60001-4 | PTO Gearbox Group 2 Pump Fixing Male Shaft Ratio 1:3 | £113.89 | € 153.75 |
| 33 - 60001-6 | PTO Gearbox Group 2 Pump Fixing Male Shaft Ratio 1:3.8 | £113.89 | € 153.75 |
| 33 - 60001-6/0 | PTO Gearbox Group 2 Pump Fixing Male Shaft Ratio 1:3.8 with oil level inverted | £100.63 | € 135.85 |
| **PART NO.** | **FEMALE SHAFT (NO QUICK RELEASE COUPLING)** | **NETT. PRICE** | |
| | | £ STERLING | € EUROS |
| 33 - 60002-2 | PTO Gearbox Group 2 Female Shaft Long Ratio 1:2 | £113.89 | € 153.75 |
| 33 - 60002-6 | PTO Gearbox Group 2 Female Shaft Long Ratio 1:3.8 | £100.63 | € 135.85 |
| 33 - 60003-6 | PTO Gearbox Group 2 Female Shaft Short Ratio 1:3.8 | £100.63 | € 135.85 |
| **PART NO.** | **FEMALE SHAFT (C/W QUICK RELEASE COUPLING)** | **NETT. PRICE** | |
| | | £ STERLING | € EUROS |
| 33 - 60004-2 | PTO Gearbox Group 2 Female Shaft C/W Quick Release Ratio 1:2 | £131.05 | € 176.91 |
| 33 - 60004-4 | PTO Gearbox Group 2 Female Shaft C/W Quick Release Ratio 1:3 | £117.00 | € 157.94 |
| 33 - 60004-6 | PTO Gearbox Group 2 Female Shaft C/W Quick Release Ratio 1:3.8 | £117.00 | € 157.94 |

# SERIES 70000 PTO GEARBOX
# PUMP GROUP 3 • 20KW

www.flowfitonline.com
TECH. DATA SHEET
PTOG02




| M1 MAXIMUM CONTINUOUS TORQUE OF THE PTO GEARBOX (Input side daNm) | M2 MAXIMUM TORQUE OF THE PTO GEARBOX (Output side daNm) | N1 TRACTOR OUTPUT SPEED RPM | N2 FINAL OUTPUT SPEED OF PUMP/GEARBOX ASSEMBLY RPM | I RATIO OF SPEED INCREASE | KW MAX TRANSMITTABLE POWER | WEIGHT KG |
|---|---|---|---|---|---|---|
| 31 | 31 | 540 | 540 | 1 | 20 | 8,1 |
| 38 | 26 | 540 | 810 | 1,5 | 20 | 8,1 |
| 43 | 21 | 540 | 1080 | 2 | 20 | 8,1 |
| 46 | 18 | 540 | 1408 | 2,5 | 20 | 8,1 |
| 49 | 16 | 540 | 1620 | 3 | 20 | 8,1 |
| 46 | 13 | 540 | 1836 | 3,5 | 20 | 8,1 |
| 43,7 | 11,5 | 540 | 2057 | 3,8 | 20 | 8,1 |

| FACTORY PREFIX |
|---|
| 34 |

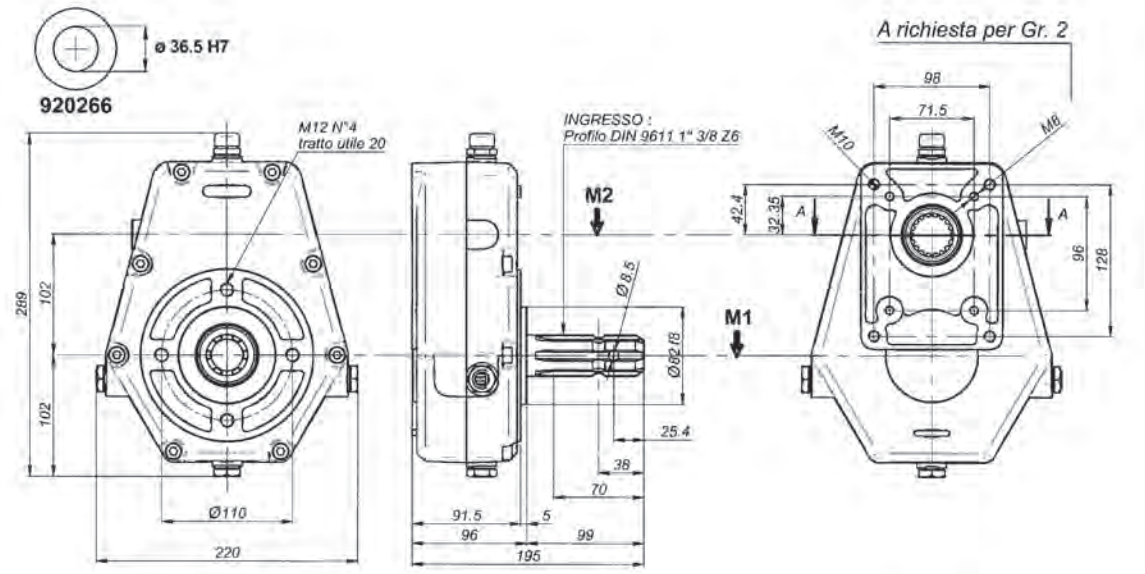
| PTO GEARBOX |
|---|
| 70001 |
| 70002 |
| 70003 |
| 70004 |
| 70210 |

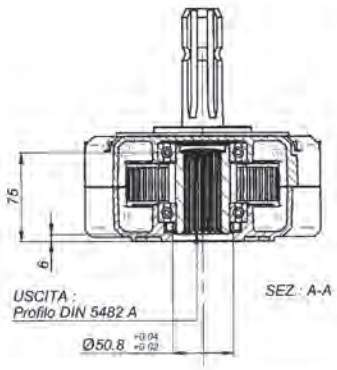
| RATIO AVAILABLE |
|---|
| 1 |
| 1,5 |
| 2 |
| 2,5 |
| 3 |
| 3,5 |
| 3,8 |

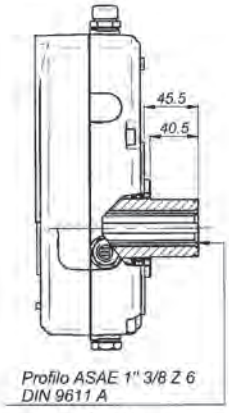
| PART NO. | MALE SHAFT | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 34 - 70001-4 | PTO Gearbox Group 3 Pump Fixing Male Shaft Ratio 1:3 | £136.50 | € 184.27 |
| 34 - 70001-5 | PTO Gearbox Group 3 Pump Fixing Male Shaft Ratio 1:3.5 | £136.50 | € 184.27 |
| **PART NO.** | **FEMALE SHAFT** | **NETT. PRICE** | |
| | | **£ STERLING** | **€ EUROS** |
| 34 - 70004-4 | PTO Gearbox Group 3 Female Shaft C/W Quick Release Ratio 1:3 | £154.45 | € 208.50 |
| 34 - 70004-5 | PTO Gearbox Group 3 Female Shaft C/W Quick Release Ratio 1:3.5 | £154.45 | € 208.50 |

# SERIES 70012 CAST IRON PTO GEARBOX PUMP GROUP 3 • 37KW

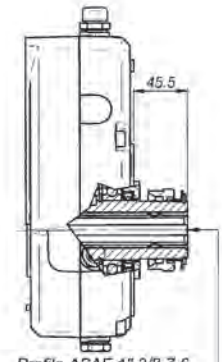
www.flowfitonline.com
TECH. DATA SHEET
PTOG03




70013




70015

**MAX OIL LEVEL 0.52 LITRE**

| M1 MAXIMUM CONTINUOUS TORQUE OF THE PTO GEARBOX (Input side daNm) | M2 MAXIMUM TORQUE OF THE PTO GEARBOX (Output side daNm) | N1 TRACTOR OUTPUT SPEED RPM | N2 FINAL OUTPUT SPEED OF PUMP/GEARBOX ASSEMBLY RPM | I RATIO OF SPEED INCREASE | KW MAX TRANSMITTABLE POWER | WEIGHT KG |
|---|---|---|---|---|---|---|
| 66 | 66 | 540 | 540 | 1 | 37 | 14.5 |
| 66 | 44 | 540 | 810 | 1.5 | 37 | 14.5 |
| 66 | 33 | 540 | 1080 | 2 | 37 | 14.5 |
| 66 | 26.4 | 540 | 1408 | 2.5 | 37 | 14.5 |
| 66 | 22 | 540 | 1620 | 3 | 37 | 14.5 |
| 66 | 18 | 540 | 1836 | 3.5 | 35 | 14.5 |
| 66 | 16.6 | 540 | 2057 | 3.8 | 35 | 14.5 |

| PART NO. | MALE SHAFT | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 121-70012-4 | Heavy Duty Cast Iron PTO Gearbox Group 3 Pump Fixing Male Shaft Ratio 1:3 | £323.51 | € 436.75 |
| 121-70012-5 | Heavy Duty Cast Iron PTO Gearbox Group 3 Pump Fixing Male Shaft Ratio 1:3.5 | £323.51 | € 436.75 |

| PART NO. | FEMALE SHAFT (C/W QUICK RELEASE COUPLING) | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 121-70015-3 | Heavy Duty Cast Iron PTO Gearbox Group 3 Pump Fixing Female Shaft Quick Release Ratio 1:3 | £326.05 | € 440.18 |
| 121-70015-3.5 | Heavy Duty Cast Iron PTO Gearbox Group 3 Pump Fixing Female Shaft Quick Release Ratio 1:3.5 | £326.05 | € 440.18 |

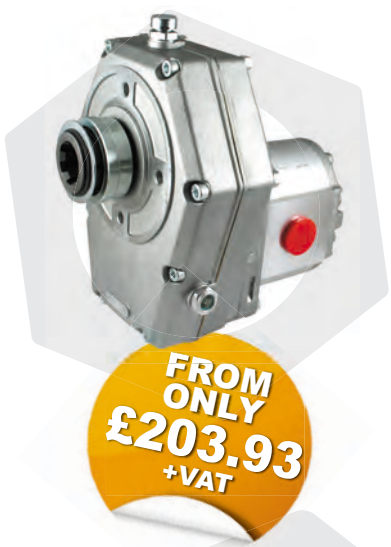
## CLUTCHES AND GEARBOXES

# HYDRAULIC PTO GEARBOXES AND PUMP ASSEMBLIES


| PRODUCT | PAGE |
|---|---|
| PTO GEAR BOXES WITH GROUP 2 PUMPS | 312 |
| PTO GEAR BOXES WITH GROUP 3 PUMPS | 313 |
| CAST IRON PTO GEAR BOXES WITH GROUP 3 PUMPS | 313 |








QUALITY PRODUCTS

FREE ADVICE



# ALUMINIUM HYDRAULIC PTO GEARBOXES AND PUMP ASSEMBLIES

**Flowfit PTO gearbox and pump assemblies are ideal for adding power to tractor and landscape equipment not already equipped with hydraulic circuits. Use to power hydraulic motors front end loaders, mowers and rotary sweepers.**
**The gearbox & pump range offer either direct or remote mounted options to the tractor PTO to provide independent hydraulic service.**

## PTO GEAR BOXES WITH GROUP 2 PUMPS

www.flowfitonline.com
TECH. DATA SHEET
PGPA1



With standard ratio's of 1:3.0 and 1: 3.8 and a range of outputs available upon request.

Flows from 6.48 l/min to 53.35 l/min can be achieved when coupled with group 2 hydraulic pump

Please note : Higher pressure and higher flow combinations are available upon request.

Please check intermittant and peak pressures on pump pdf.

| PART NO. | FLOW L/ MIN | MAX PRESSURE BAR | GEAR PUMP | GEARBOX RATIO | INPUT SHAFT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ001043 | 6.48 | 280 | Group 2 4cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001044 | 9.72 | 280 | Group 2 6cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001046 | 13.77 | 280 | Group 2 8.5cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001047 | 17.82 | 280 | Group 2 11cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001048 | 22.68 | 220 | Group 2 14cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001049 | 26.73 | 190 | Group 2 16.5cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001050 | 31.59 | 160 | Group 2 19.5cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001051 | 36.45 | 135 | Group 2 22.5cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001052 | 42.12 | 120 | Group 2 26cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001053 | 8.21 | 280 | Group 2 4cc/rev | 1:3.8 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001054 | 12.31 | 280 | Group 2 6cc/rev | 1:3.8 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001055 | 17.55 | 280 | Group 2 8.5cc/rev | 1:3.8 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001056 | 22.57 | 220 | Group 2 11cc/rev | 1:3.8 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001057 | 28.73 | 170 | Group 2 14cc/rev | 1:3.8 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001058 | 33.86 | 150 | Group 2 16.5cc/rev | 1:3.8 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001059 | 40.01 | 125 | Group 2 19.5cc/rev | 1:3.8 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001060 | 46.17 | 110 | Group 2 22.5cc/rev | 1:3.8 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |
| ZZ001061 | 53.35 | 95 | Group 2 26cc/rev | 1:3.8 | 1 3/8"- 6" Spline Male | £203.93 | € 275.30 |

# PTO GEAR BOXES WITH GROUP 3 PUMPS

www.flowfitonline.com
TECH. DATA SHEET
PGPA2



With standard ratio's of 1:3.0 and 1: 3.5 and a range of outputs available upon request.

Flows from 30.78 l/min to 115 l/min can be achieved when coupled with group 3 hydraulic pump

Please note : Higher pressure and higher flow combinations are available upon request.

Please check intermittant and peak pressures on pump pdf.

| PART NO. | FLOW L/ MIN | MAX PRESSURE BAR | GEAR PUMP | GEARBOX RATIO | INPUT SHAFT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ000480 | 30.78 | 250 | Group 3 19cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000488 | 35.91 | 250 | Group 3 19cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000481 | 36.12 | 240 | Group 3 22cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000489 | 42.15 | 240 | Group 3 22cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000483 | 53.29 | 190 | Group 3 33cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000490 | 55.38 | 180 | Group 3 29cc rev | 1:3.5 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000484 | 58.96 | 170 | Group 3 36cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000491 | 62.18 | 160 | Group 3 33cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000492 | 68.8 | 140 | Group 3 36cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000485 | 70.47 | 140 | Group 3 44cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000493 | 82.22 | 120 | Group 3 44cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000486 | 83.75 | 120 | Group 3 52cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000494 | 97.71 | 100 | Group 3 52cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000487 | 98.98 | 100 | Group 3 62cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |
| ZZ000495 | 115.48 | 80 | Group 3 62cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £317.73 | € 428.93 |

# CAST IRON PTO GEAR BOXES WITH GROUP 3 PUMPS

www.flowfitonline.com
TECH. DATA SHEET
PGPA3



With standard ratio's of 1:3.0 and 1: 3.5 and a range of outputs available upon request.

Flows from 6l/min to 120 l/min can be achievedwhen coupled with group 3 hydraulic pump

Please note : Higher pressure and higher flow combinations are available upon request.

Please check intermittant and peak pressures on pump pdf.

| PART NO. | FLOW L/ MIN | MAX PRESSURE BAR | GEAR PUMP | GEARBOX RATIO | INPUT SHAFT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| ZZ000618 | 35.91 | 250 | Group 3 19cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000610 | 36.126 | 240 | Group 3 22.3cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000619 | 42.15 | 240 | Group 3 22.3cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000611 | 47.466 | 220 | Group3 29.3cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000612 | 53.298 | 220 | Group 3 32.9cc/rev | 1:1.3 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000620 | 55.38 | 220 | Group 3 29.3cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000613 | 58.968 | 210 | Group 3 36.4cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000621 | 62.18 | 220 | Group 3 32.9cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000622 | 68.8 | 210 | Group 3 36.4 cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000614 | 70.47 | 200 | Group 3 43.5 cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000623 | 82.22 | 200 | Group 3 43.5 cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000615 | 83.75 | 200 | Group 3 51.7 cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000624 | 97 | 190 | Group 3 51.7cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000616 | 98.98 | 180 | Group 3 61.1cc/rev | 1:3 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |
| ZZ000625 | 115.48 | 150 | Group 3 61.1cc/rev | 1:3.5 | 1 3/8"- 6" Spline Male | £452.26 | € 610.56 |

## CLUTCHES AND GEARBOXES

# PUMP BEARING SUPPORTS


| PRODUCT | PAGE |
|---|---|
| GROUP 1 BEARING SUPPORT | 315 |
| GROUP 2 BEARING SUPPORT | 315 |
| GROUP 2 BEARING SUPPORT REINFORCED | 316 |
| GROUP 2 BEARING SUPPORT REINFORCED | 316 |
| GROUP 3 BEARING SUPPORT | 317 |




FROM ONLY £50.20 +VAT



FROM ONLY £58.50 +VAT



FROM ONLY £89.72 +VAT

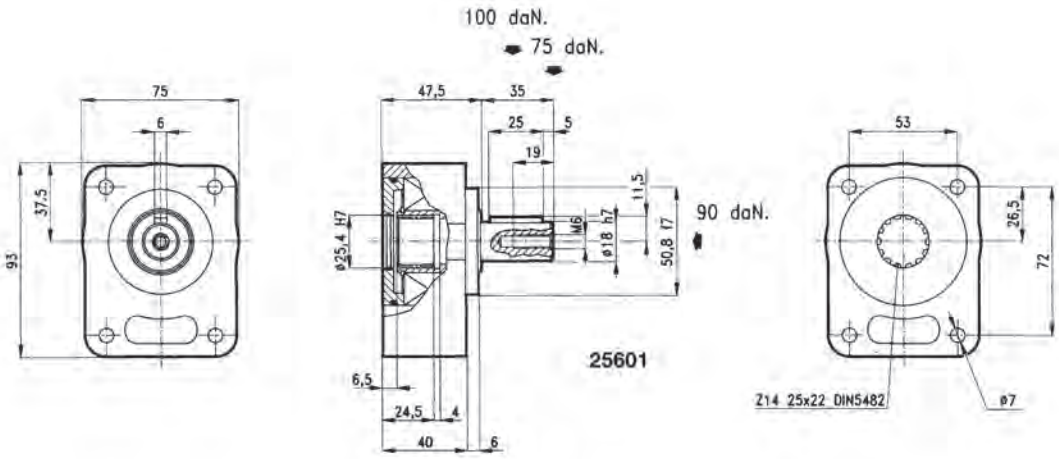
QUALITY PRODUCTS

FREE ADVICE

If the part number needed is not listed please ask the Flowfit Sales Team

# GROUP 1 BEARING SUPPORT

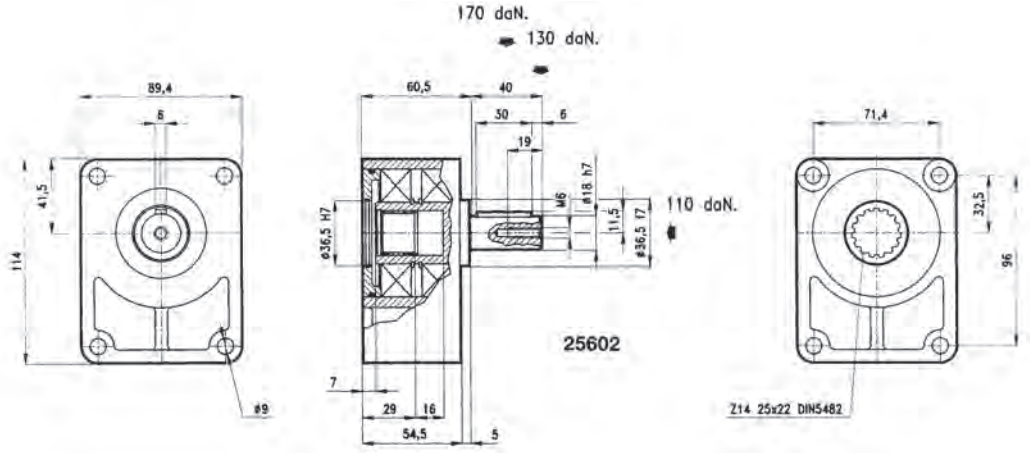
www.flowfitonline.com
TECH. DATA SHEET
PBS01




| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 24 – 25601 | Pump Bearing Support Support gr.1 cylindrical shaft | £50.18 | € 67.74 |

# GROUP 2 BEARING SUPPORT

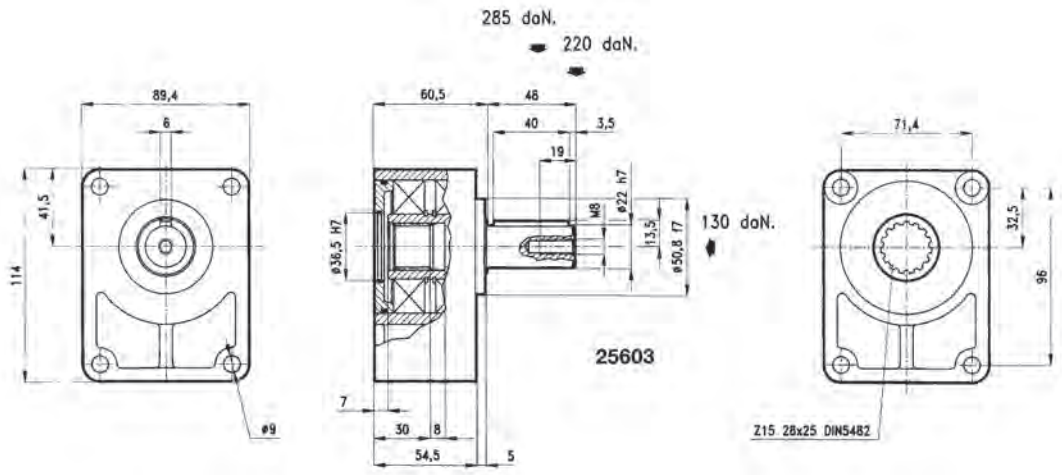
www.flowfitonline.com
TECH. DATA SHEET
PBS02




| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 24 - 25602 | Pump Bearing Support gr.2 cylindrical shaft | £58.50 | € 78.98 |

# GROUP 2 BEARING SUPPORT REINFORCED

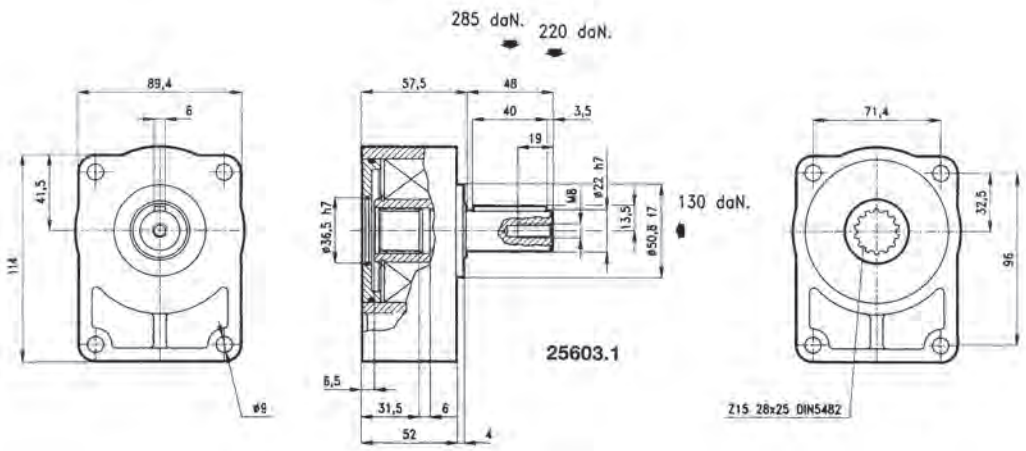
www.flowfitonline.com
TECH. DATA SHEET
PBS02




| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 24 – 25603 | Pump Bearing Support gr.2/R cylindrical shaft 2 bearings | £63.97 | € 86.36 |

# GROUP 2 BEARING SUPPORT REINFORCED

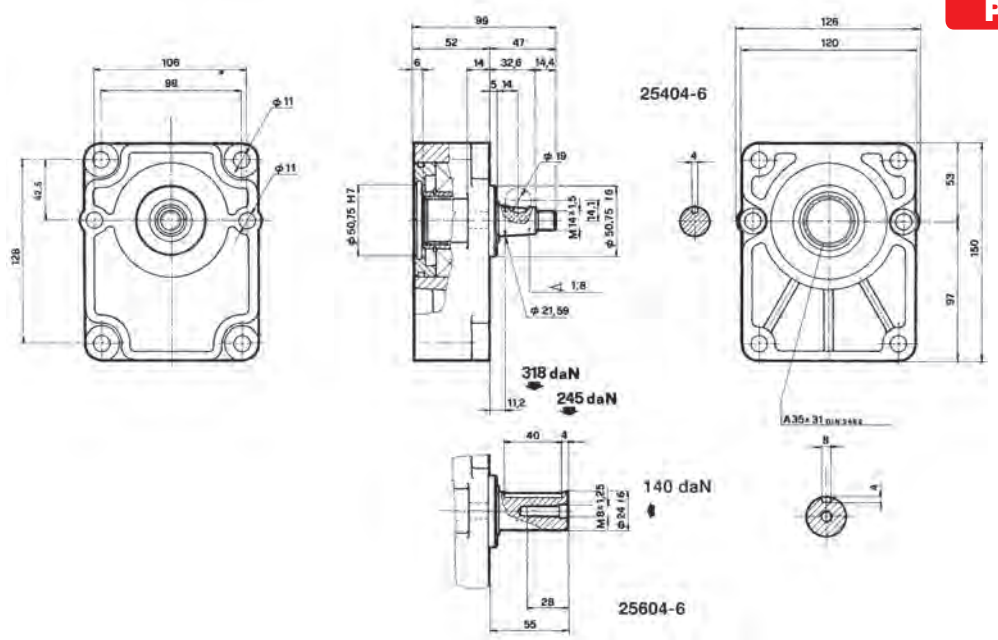
www.flowfitonline.com
TECH. DATA SHEET
PBS02




| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 24 - 25603-1 | Pump Bearing Support gr.2/R cylindrical shaft 1 bearing | £63.97 | € 86.36 |

# GROUP 3 BEARING SUPPORT

www.flowfitonline.com
TECH. DATA SHEET
PBS03




| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 24 - 25604-6 | Pump Bearing Support gr.3 cylindrical shaft 6 holes | £89.72 | € 121.11 |



## CLUTCHES AND GEARBOXES

# SPEED REDUCTION GEARBOXES


| PRODUCT | PAGE |
|---|---|
| 95000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES | 319 |
| 96000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES | 320 |
| 97500 SERIES CAST IRON SPEED REDUCTION GEARBOXES | 321 |











QUALITY PRODUCTS

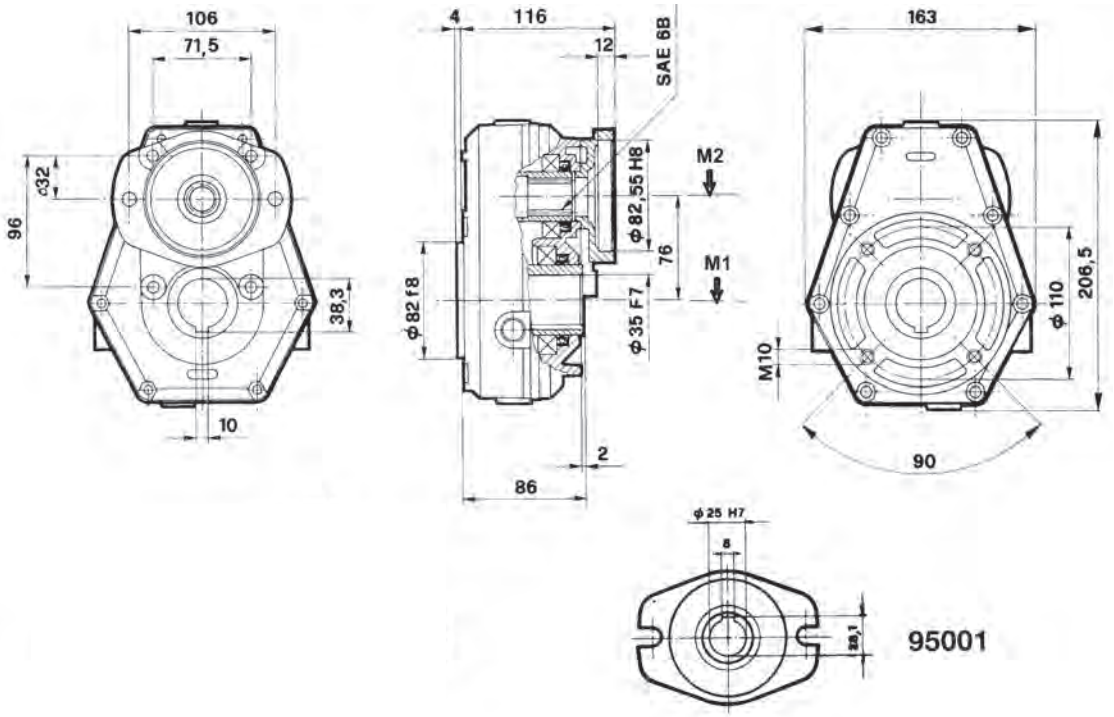
FREE ADVICE

FOR SALES & ADVICE CALL US 01584 876033

# 95000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES

www.flowfitonline.com
TECH. DATA SHEET
SRG01

**GROUP 2 • SAE 'A' • 10KW**




MAX OIL LEVEL 0.22 LITRE

| M1 MAXIMUM CONTINUOUS TORQUE OF THE SPEED INCREASER (Input side daNm) | M2 MAXIMUM TORQUE OF THE SPEED INCREASER (Output side daNm) | N1 OUTPUT SPEED AFTER REDUCTION RPM | N2 INPUT SPEED BEFORE REDUCTION RPM | I RATIO OF SPEED REDUCTION ON N2 = N1 | MAX TRANSMITTABLE POWER KW | WEIGHT KG |
|---|---|---|---|---|---|---|
| 19,6 | 13,1 | 200 | 300 | 1,5 | 10 | 5 |
| 17,6 | 8,8 | 200 | 400 | 2 | 10 | 5 |
| 19,2 | 7,7 | 200 | 500 | 2,5 | 10 | 5 |
| 20,1 | 6,7 | 200 | 600 | 3 | 10 | 5 |
| 21,4 | 6,3 | 200 | 700 | 3,5 | 10 | 5 |
| 18,6 | 4,9 | 200 | 760 | 3,8 | 10 | 5 |

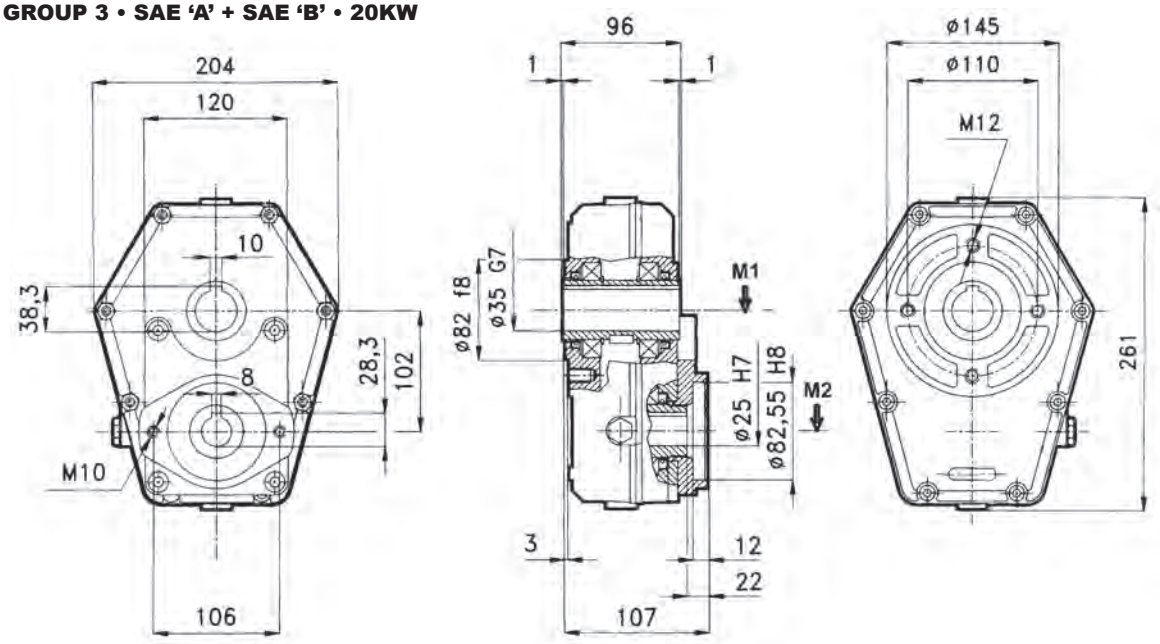
# 95001 SPEED REDUCTION GEARBOX

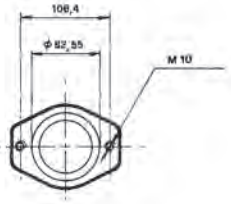
| PART NO. | DESCRIPTION OF REDUCTION GEARBOX | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 38 - 95001-1 | Reduction gear gr.2 SAE A dia.25 R.1:1,5 | £144.31 | € 194.82 |
| 38 - 95001-2 | Reduction gear gr.2 SAE A dia.25 R.1:2 | £144.31 | € 194.82 |
| 38 - 95001-2/30 | Reduction gear gr.2 SAE A dia.25 R.1:2 female through-shaft | £144.31 | € 194.82 |
| 38 - 95001-3 | Reduction gear gr.2 SAE A dia.25 R.1:2,5 | £124.80 | € 168.49 |
| 38 - 95001-4 | Reduction gear gr.2 SAE A dia.25 R.1:3 | £124.80 | € 168.49 |
| 38 - 95001-4/1 | Reduction gear gr.2 SAE A dia.25 R.1:3 female through-shaft | £124.80 | € 168.49 |
| 38 - 95001-5 | Reduction gear gr.2 SAE A dia.25 R.1:3,5 | £124.80 | € 168.49 |
| 38 - 95001-5/1 | Reduction gear gr.2 SAE A dia.25 R.1:3,5 female through-shaft | £124.80 | € 168.49 |
| 38 - 95001-5/2 | Reduction gear gr.2 SAE A dia.25 R.1:3,5 female through-shaft | £124.80 | € 168.49 |
| 38 - 95001-6 | Reduction gear gr.2 SAE A dia.25 R.1:3,8 | £124.80 | € 168.49 |
| 38 - 95001-6/3 | Aluminium Speed Reduction Gearbox SAE A Ratio 1:3.8 C/W Female Through Shaft | £124.80 | € 168.49 |

# 96000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES

www.flowfitonline.com
TECH. DATA SHEET
SRG02

**GROUP 3 • SAE 'A' + SAE 'B' • 20KW**




SAE A
**96001**

MAX OIL LEVEL 0.35 LITRE

| M1 MAXIMUM CONTINUOUS TORQUE OF THE SPEED INCREASER (Input side daNm) | M2 MAXIMUM TORQUE OF THE SPEED INCREASER (Output side daNm) | N1 OUTPUT SPEED AFTER REDUCTION RPM | N2 INPUT SPEED BEFORE REDUCTION RPM | I RATIO OF SPEED REDUCTION ON N2 = N1 | MAX TRANSMITTABLE POWER KW | WEIGHT KG |
|---|---|---|---|---|---|---|
| 48 | 32 | 200 | 300 | 1,5 | 20 | 8,5 |
| 48,5 | 24,2 | 200 | 400 | 2 | 20 | 8,5 |
| 52 | 20,8 | 200 | 500 | 2,5 | 20 | 8,5 |
| 57 | 19 | 200 | 600 | 3 | 20 | 8,5 |
| 53 | 15,1 | 200 | 680 | 3,5 | 20 | 8,5 |
| 52,5 | 13,8 | 200 | 760 | 3,8 | 20 | 8,5 |

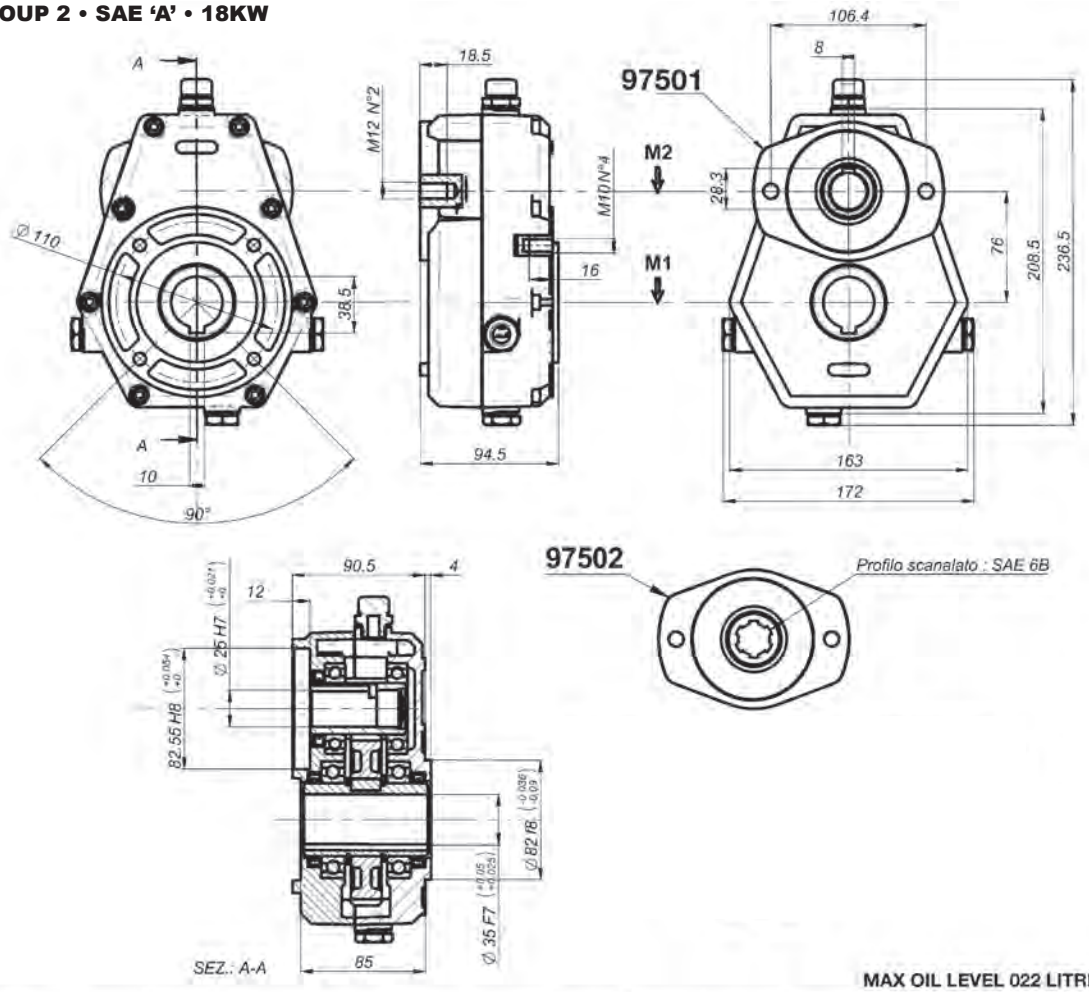
# 96001 SPEED REDUCTION GEARBOX

| PART NO. | DESCRIPTION OF REDUCTION GEARBOX | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 38-96071-6/3 | Aluminium Speed Reduction Gearbox SAE A Ratio 1:3.8 C/W Female Through Shaft | £210.61 | € 284.32 |

# 97500 SERIES CAST IRON SPEED REDUCTION GEARBOXES

www.flowfitonline.com
TECH. DATA SHEET
SRG03

**GROUP 2 • SAE 'A' • 18KW**




MAX OIL LEVEL 022 LITRE

| M1 MAXIMUM CONTINUOUS TORQUE OF THE SPEED INCREASER (Input side daNm) | M2 MAXIMUM TORQUE OF THE SPEED INCREASER (Output side daNm) | N1 OUTPUT SPEED AFTER REDUCTION RPM | N2 INPUT SPEED BEFORE REDUCTION RPM | I RATIO OF SPEED REDUCTION ON N2 = N1 | MAX TRANSMITTABLE POWER KW | WEIGHT KG |
|---|---|---|---|---|---|---|
| 24,7 | 16,5 | 200 | 300 | 1,5 | 18 | 10 |
| 32,4 | 16,2 | 200 | 400 | 2 | 18 | 10 |
| 38,7 | 15,5 | 200 | 500 | 2,5 | 18 | 10 |
| 24,0 | 8,0 | 200 | 600 | 3 | 18 | 10 |
| 25,5 | 7,5 | 200 | 680 | 3,5 | 18 | 10 |
| 26,6 | 7,0 | 200 | 760 | 3,8 | 18 | 10 |

# 97502 SPEED REDUCTION GEARBOX

| PART NO. | DESCRIPTION OF REDUCTION GEARBOX | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 69 - 97502-4 | Cast Iron Speed Reduction SAE A - 6B Ratio 1:3 C/W Female Through Shaft | £249.62 | € 336.98 |
| 69 - 97502-6 | Cast Iron Speed Reduction SAE A - 6B Ratio 1:3.8 C/W Female Through Shaft | £249.62 | € 336.98 |

# FLOWFIT®

## HYDRAULIC POWERUNIT MANUFACTURING SPECIALISTS




- We can design and build Powerunits with fast delivery
- Flow rates up to 1000 litres per minute
- Testing capability of up to 200kw
- Pressure capability up to 700 bar max
- On site visits to help source your requirements
- Competitively priced
- Custom engineered solutions to meet the specific demands of each application
- ISO 9001:2008 certified

Speak to our sales team today!

Telephone: **+44 (0)1584 876 033**
Fax: **+44 (0)1584 876 044**
Email: **sales@flowfitonline.com**

**www.flowfitonline.com**

## CLUTCHES AND GEARBOXES

# ELECTRO-MAGNETIC CLUTCHES


| PRODUCT | PAGE |
|---|---|
| 10 daNm ELECTROMAGNETIC CLUTCHES | 324 |
| 14 daNm ELECTROMAGNETIC CLUTCHES | 328 |
| 21 daNm ELECTROMAGNETIC CLUTCHES | 332 |
| 50 daNm ELECTROMAGNETIC CLUTCHES | 334 |











QUALITY PRODUCTS

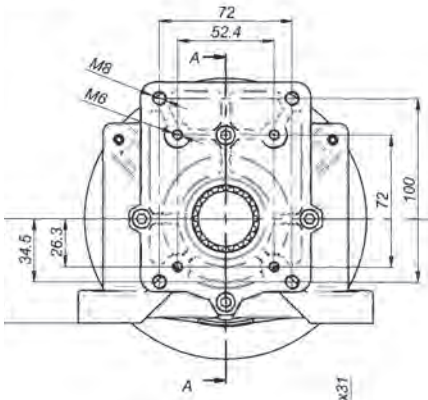
FREE ADVICE

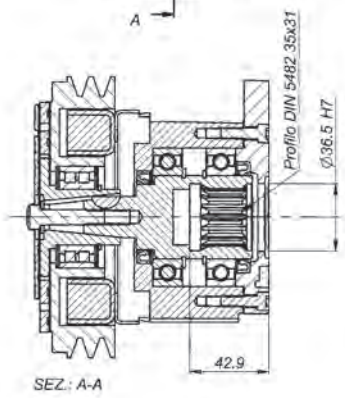
FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

# 10 daNm ELECTROMAGNETIC CLUTCHES

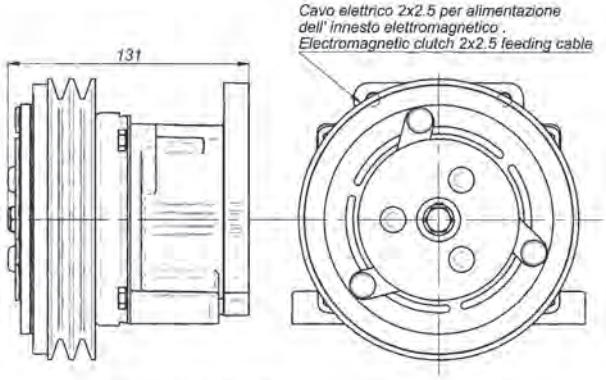
www.flowfitonline.com
TECH. DATA SHEET
EC01

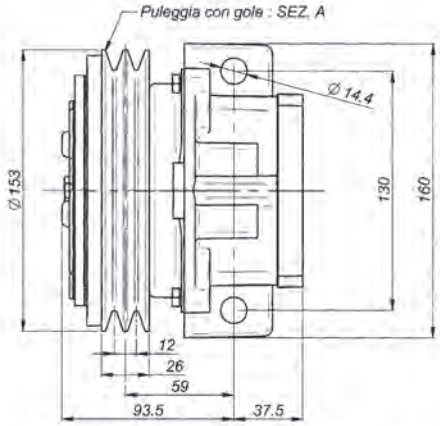
SERIE: 30901 12 Volt




SERIE: 30903 24 Volt




| | | | | |
|---|---|---|---|---|
| Nominal torque | 7,8 daNm | | Connection time | 25 m/sec |
| Static torque | 12,5 daNm | | Disconnection time | 40 m/sec |
| Dynamic torque | 8,5 daNm | at 500 rpm | Minimun time between two connection | 20 sec |
| | 7,0 daNm | at 1000 rpm | | |
| | 4,2 daNm | at 1500 rpm | | |
| | 3,5 daNm | at 2000 rpm | | |
| | 2,7 daNm | at 2500 rpm | Max speed | 5000 rpm |
| | 2,5 daNm | at 3000 rpm | Weight | 5,5 Kg |

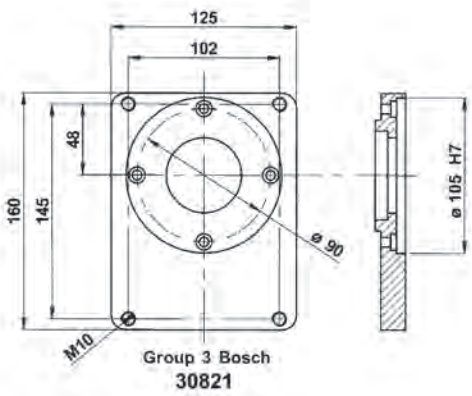
| Electric absorption | Resistance ( Ω ) | | Current ( A ) | | Power ( W ) | |
|---|---|---|---|---|---|---|
| | 20° C | 120° C | 20° C | 120° C | 20° C | 120° C |
| 12 V DC | 4,00 | 5,60 | 3,33 | 2,00 | 40,00 | 24,00 |
| 24 V DC | 20,00 | 28,00 | 1,26 | 0,77 | 30,30 | 18,18 |

All technical data are at 20°C / at 120 °C the performance are less 20%
All electromagneteic clutches are reversible.

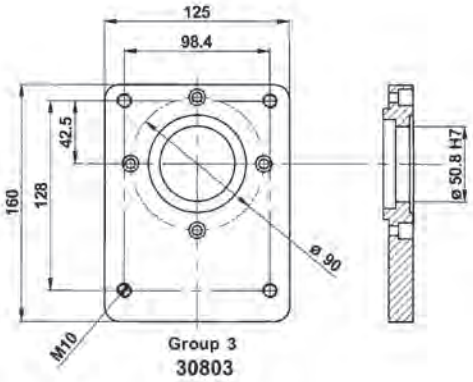
| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 29 - 30901 | Electromagnetic clutch 12V. 10 daNm for European Group 1 and Group 2 Pumps | £226.24 | € 305.41 |
| 29 - 30903 | Electromagnetic clutch 24V. 10 daNm for European Group 1 and Group 2 Pumps | £226.24 | € 305.41 |
| 29 - 30909 | Electromagnetic clutch 12V. 10 daNm for European Group 3 Pump | £226.24 | € 305.41 |
| 29 - 30911 | Electromagnetic clutch 24V. 10 daNm for European Group 3 Pump | £226.24 | € 305.41 |
| If the part number needed is not listed please ask the Flowfit Sales Team | | | |

# FLANGES FOR 10 daNm ELECTROMAGNETIC CLUTCHES

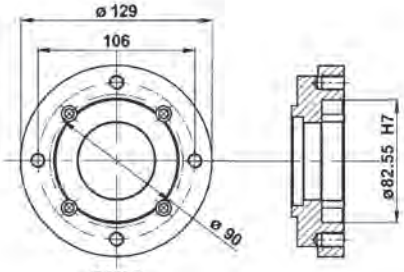
www.flowfitonline.com
TECH. DATA SHEET
EC01



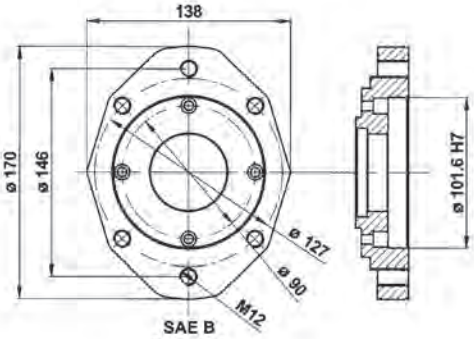

Group 3 Bosch
30821



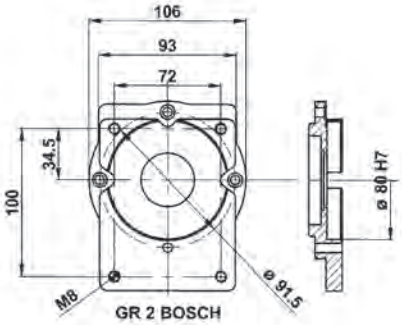

Group 3
30803




SAE A
30420.3




SAE B
30420.1




GR 2 BOSCH
30817




920266

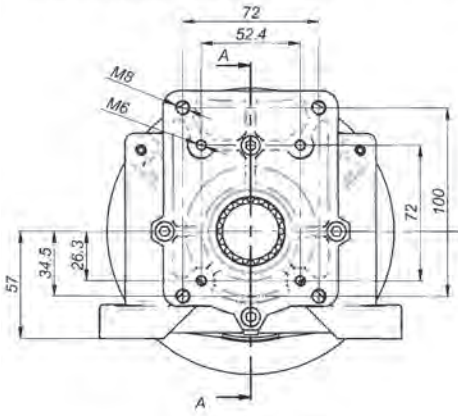
| Electric absorption | CLUTCHES COMPLETE WITH ABOVE FLANGES | | | | |
|---|---|---|---|---|---|
| | Gr.2 BOSCH | Gr.3 | Gr. 3 BOSCH | SAE A | SAE B |
| 12 Volt | 30917 | 30909 | 30925 | 30901/SA | 30901/SB |
| 24 Volt | 30919 | 30911 | 30927 | 30903/SA | 30903/SB |

AVAILABLE ON REQUEST

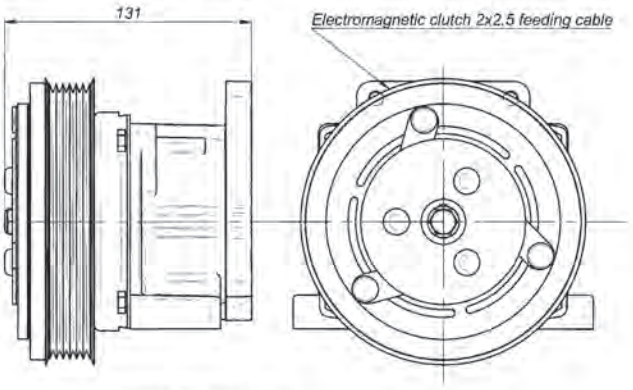
# 10 daNm ELECTROMAGNETIC CLUTCHES

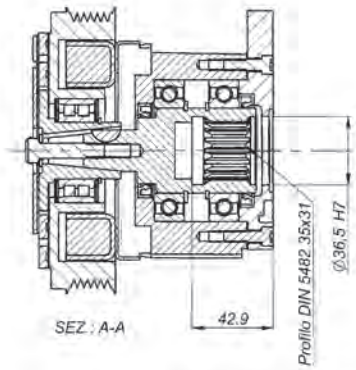
www.flowfitonline.com
TECH. DATA SHEET
EC01

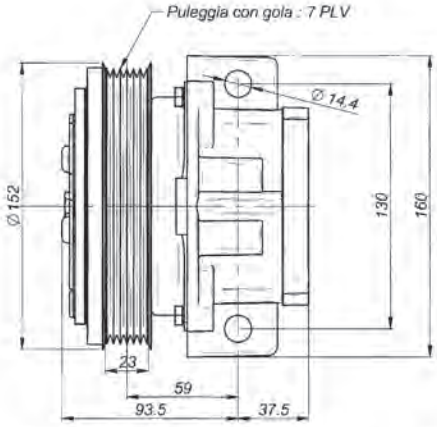
SERIES: 30901-1 12 Volt




SERIES: 30903-1 24 Volt




| | | | | | |
|---|---|---|---|---|---|
| Nominal torque | 7,8 daNm | | Connection time | 25 m/sec | |
| Static torque | 12,5 daNm | | Disconnection time | 40 m/sec | |
| Dynamic torque | 8,5 daNm | at 500 rpm | Minimun time between two connection | 20 sec | |
| | 7,0 daNm | at 1000 rpm | | | |
| | 4,2 daNm | at 1500 rpm | | | |
| | 3,5 daNm | at 2000 rpm | | | |
| | 2,7 daNm | at 2500 rpm | Max speed | 5000 rpm | |
| | 2,5 daNm | at 3000 rpm | Weight | 5,5 Kg | |

| Electric absorption | Resistance ( Ω ) | | Current ( A ) | | Power ( W ) | |
|---|---|---|---|---|---|---|
| | 20° C | 120° C | 20° C | 120° C | 20° C | 120° C |
| 12 V DC | 4,00 | 5,60 | 3,33 | 2,00 | 40,00 | 24,00 |
| 24 V DC | 20,00 | 28,00 | 1,26 | 0,77 | 30,30 | 18,18 |

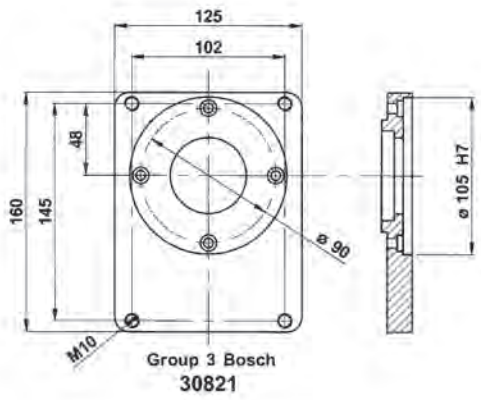
All technical data are at 20°C / at 120 °C the performance are less 20%
All electromagneteic clutches are reversible.

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 29 - 30901 - 1/7 | Electromagnetic clutch 12V. 10 daNm 7 PLY RIBBED for European Group 1 and 2 Pumps | £226.24 | € 305.41 |
| 29 - 30903 - 1 | Electromagnetic clutch 24V. 10 daNm for European Group 1 and 2 Pumps | £226.24 | € 305.41 |
| 29 - 30903 - 1/SA | Electromagnetic clutch 24V. 10 daNm for SAE A 2 BOLT | £226.24 | € 305.41 |
| 29 - 30909 - 1 | Electromagnetic clutch 12V. 10 daNm for European Group 3 Pumps | £226.24 | € 305.41 |
| 29 - 30911 - 1 | Electromagnetic clutch 24V. 10 daNm for European Group 3 Pumps | £226.24 | € 305.41 |

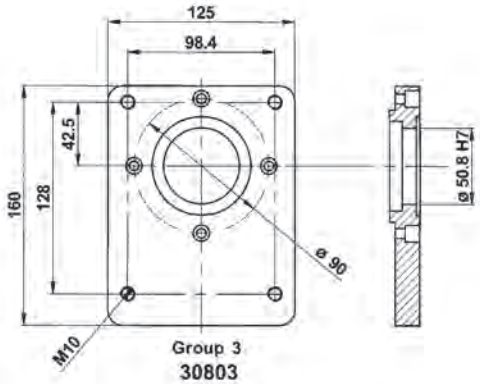
If the part number needed is not listed please ask the Flowfit Sales Team

# FLANGES FOR 10 daNm ELECTROMAGNETIC CLUTCHES

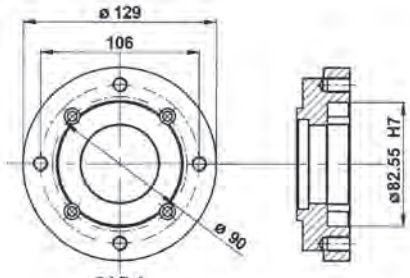
www.flowfitonline.com
TECH. DATA SHEET
EC01



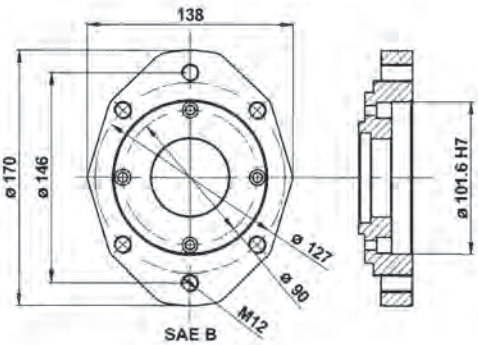

Group 3 Bosch
30821



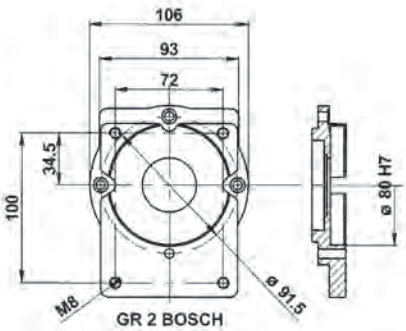

Group 3
30803



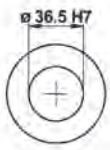

SAE A
30420.3




SAE B
30420.1




GR 2 BOSCH
30817




920266

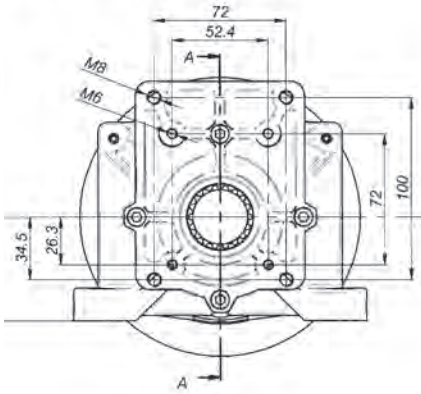
| Electric absorption | CLUTCHES COMPLETE WITH ABOVE FLANGES | | | | |
|---|---|---|---|---|---|
| | Gr.2 BOSCH | Gr.3 | Gr. 3 BOSCH | SAE A | SAE B |
| 12 Volt | 30917-1 | 30909-1 | 30925-1 | 30901-1/SA | 30901-1/SB |
| 24 Volt | 30919-1 | 30911-1 | 30927-1 | 30903-1/SA | 30903-1/SB |

FLANGES AVAILABLE UPON REQUEST.

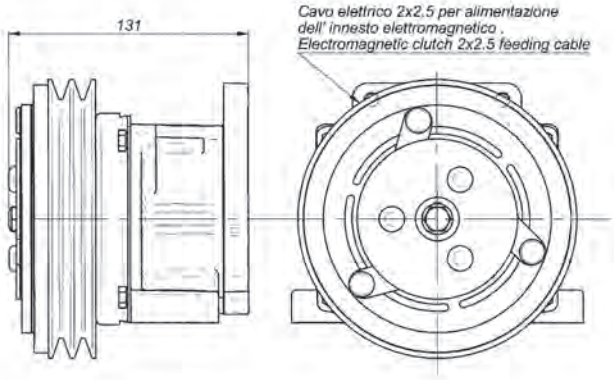
# 14 daNm ELECTROMAGNETIC CLUTCHES

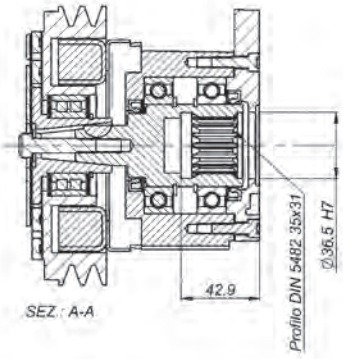
www.flowfitonline.com
TECH. DATA SHEET
EC01

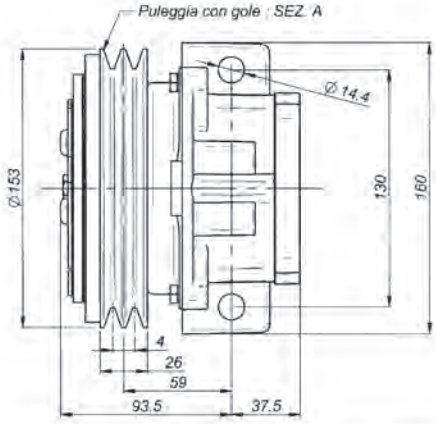
SERIE: 30929 12 Volt




SERIE: 30930 24 Volt




| | | | | |
|---|---|---|---|---|
| Nominal torque | 11,8 daNm | | Connection time | 25 m/sec |
| Static torque | 14,0 daNm | | Disconnection time | 40 m/sec |
| Dynamic torque | 12,5 daNm | at 500 rpm | Minimun time between two connection | 20 sec |
| | 11,0 daNm | at 1000 rpm | | |
| | 8,2 daNm | at 1500 rpm | | |
| | 7,5 daNm | at 2000 rpm | | |
| | 6,7 daNm | at 2500 rpm | Max speed | 5000 rpm |
| | 6,5 daNm | at 3000 rpm | Weight | 5,5 Kg |

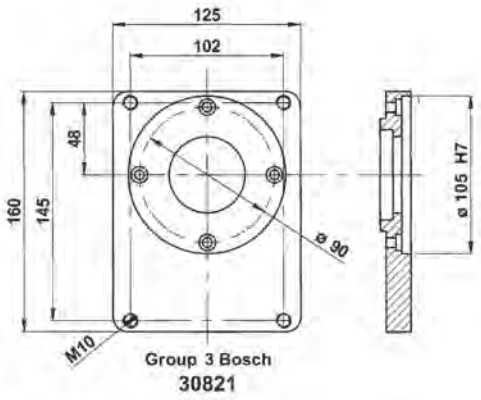
| Electric absorption | Resistance ( Ω ) | | Current ( A ) | | Power ( W ) | |
|---|---|---|---|---|---|---|
| | 20° C | 120° C | 20° C | 120° C | 20° C | 120° C |
| 12 V DC | 4,00 | 5,60 | 3,33 | 2,00 | 40,00 | 24,00 |
| 24 V DC | 20,00 | 28,00 | 1,26 | 0,77 | 30,30 | 18,18 |

All technical data are at 20°C / at 120 °C the performance are less 20%
All electromagneteic clutches are reversible.

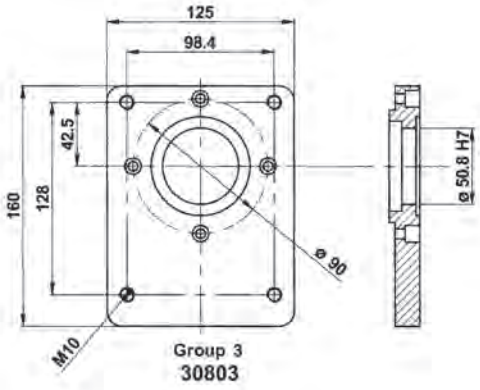
| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 29 - 30929 | Electromagnetic clutch 12V. 14 daNm for European Group 1 and 2 Pumps | £253.62 | € 342.38 |
| 29 - 30929/SA | Electromagnetic clutch 12V. 14 daNm for SAE A 2 BOLT | £253.62 | € 342.38 |
| 29 - 30929/SB | Electromagnetic clutch 12V. 14 daNm for SAE B 2 BOLT | £253.62 | € 342.38 |
| 29 - 30930 | Electromagnetic clutch 24V. 14 daNm for European Group 1 and 2 Pumps | £253.62 | € 342.38 |
| 29 - 30931 | Electromagnetic clutch 12V. 14 daNm for European Group 3 Pumps | £253.62 | € 342.38 |
| 29 - 30932 | Electromagnetic clutch 24V. 14 daNm for European Group 3 Pumps | £253.62 | € 342.38 |
| If the part number needed is not listed please ask the Flowfit Sales Team | | | |

# FLANGES FOR 14 daNm ELECTROMAGNETIC CLUTCHES

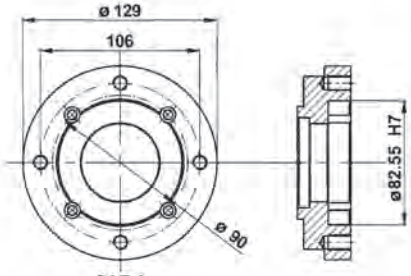
www.flowfitonline.com
TECH. DATA SHEET
EC01



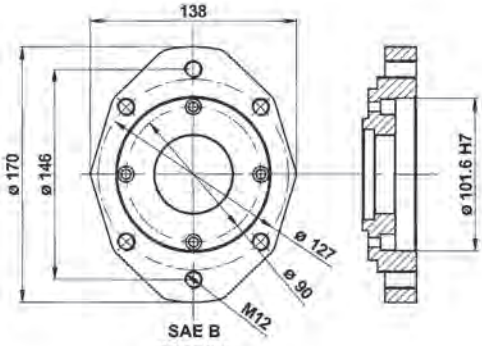

Group 3 Bosch
30821



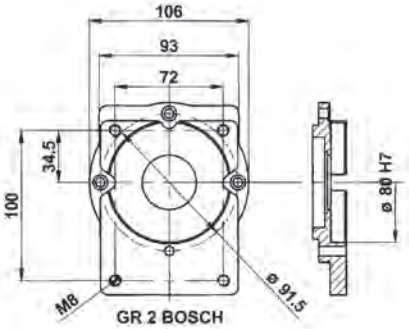

Group 3
30803




SAE A
30420.3




SAE B
30420.1




GR 2 BOSCH
30817



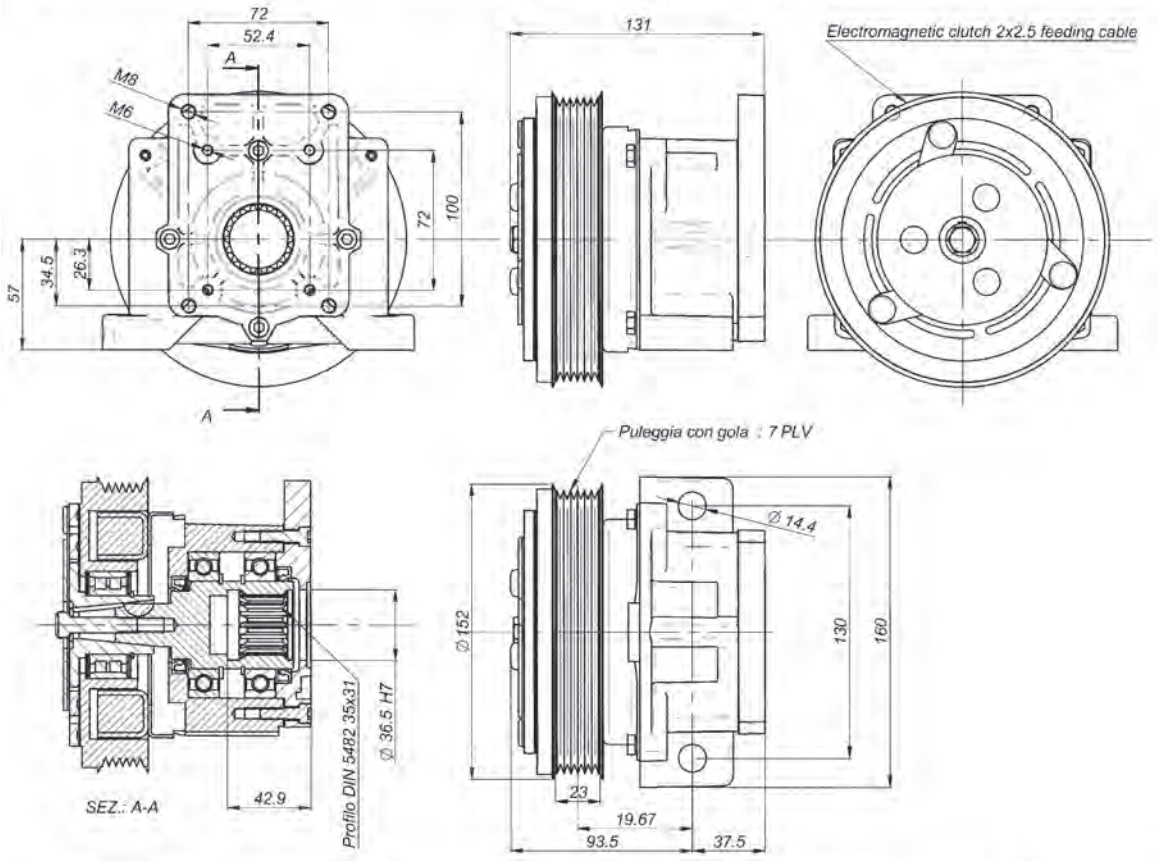

920266

| Electric absorption | CLUTCHES COMPLETE WITH ABOVE FLANGES | | | | |
|---|---|---|---|---|---|
| | Gr.2 BOSCH | Gr.3 | Gr. 3 BOSCH | SAE A | SAE B |
| 12 Volt | 30929/2B | 30931 | 30931/3B | 30929/SA | 30929/SB |
| 24 Volt | 30930/2B | 30932 | 30932/3B | 30930/SA | 30930/SB |

# 14 daNm ELECTROMAGNETIC CLUTCHES

www.flowfitonline.com
TECH. DATA SHEET
EC01

SERIES: 30929-1 12 Volt SERIES: 30930-1 24 Volt




| | | | | |
|---|---|---|---|---|
| Nominal torque | 11,8 daNm | | Connection time | 25 m/sec |
| Static torque | 14,0 daNm | | Disconnection time | 40 m/sec |
| Dynamic torque | 12,5 daNm | at 500 rpm | Minimun time between two connection | 20 sec |
| | 11,0 daNm | at 1000 rpm | | |
| | 8,2 daNm | at 1500 rpm | | |
| | 7,5 daNm | at 2000 rpm | | |
| | 6,7 daNm | at 2500 rpm | Max speed | 5000 rpm |
| | 6,5 daNm | at 3000 rpm | Weight | 5,5 Kg |

| Electric absorption | Resistance ( Ω ) | | Current ( A ) | | Power ( W ) | |
|---|---|---|---|---|---|---|
| | 20° C | 120° C | 20° C | 120° C | 20° C | 120° C |
| 12 V DC | 4,00 | 5,60 | 3,33 | 2,00 | 40,00 | 24,00 |
| 24 V DC | 20,00 | 28,00 | 1,26 | 0,77 | 30,30 | 18,18 |

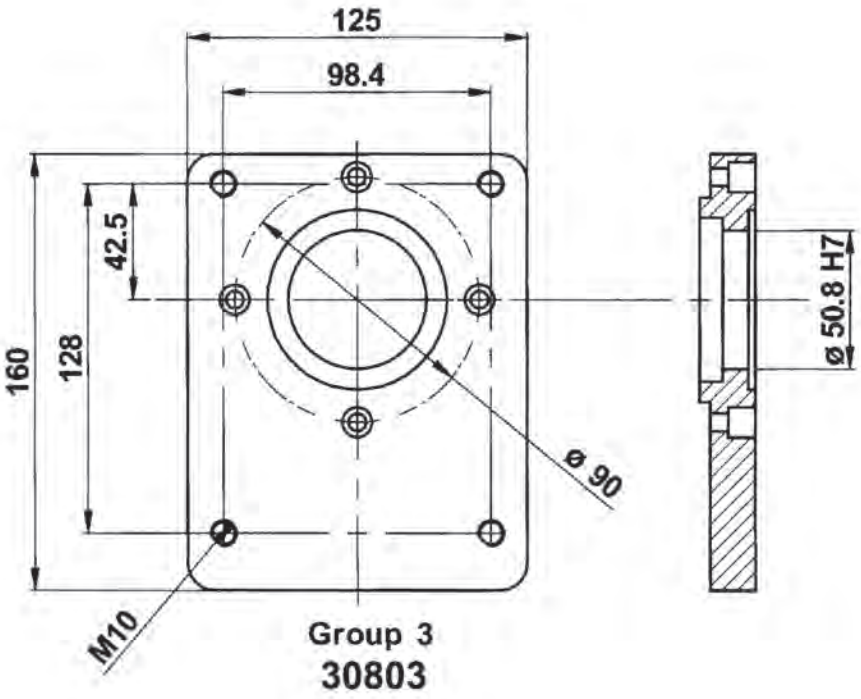
All technical data are at 20°C / at 120 °C the performance are less 20%
All electromagneteic clutches are reversible.

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 29 - 30930 - 1 | Electromagnetic clutch 24V. 14 daNm for European Group 1 and 2 Pumps | £253.62 | € 342.38 |
| 29 - 30931 - 1 | Electromagnetic clutch 12V. 14 daNm for European Group 3 Pumps | £253.62 | € 342.38 |
| 29 - 30932 - 1 | Electromagnetic clutch 24V. 14 daNm for European Group 3 Pumps | £253.62 | € 342.38 |

If the part number needed is not listed please ask the Flowfit Sales Team

# GROUP 3 FLANGE FOR 14 daNm ELECTROMAGNETIC CLUTCH

www.flowfitonline.com
TECH. DATA SHEET
EC01



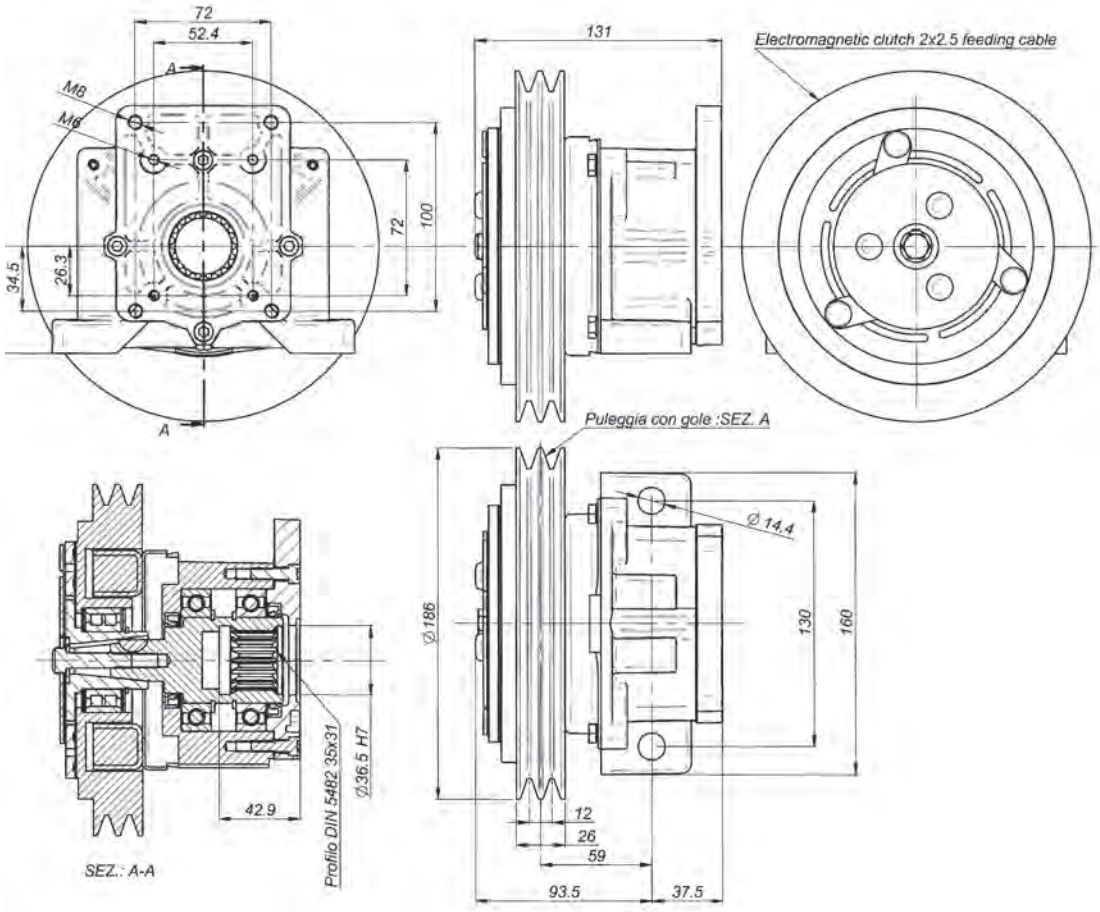

| ELECTRIC ABSORPTION | CLUTCHES COMPLETE WITH ABOVE FLANGES |
|---|---|
| | GROUP3 |
| 12 Volt | 30931 |
| 24 Volt | 30932 |



# 21 daNm ELECTROMAGNETIC CLUTCHES

www.flowfitonline.com
TECH. DATA SHEET
EC01

SERIES: 30990 12 Volt SERIES: 30991 24 Volt




| | | | | |
|---|---|---|---|---|
| Nominal torque | 16,0 daNm | | Connection time | 25 m/sec |
| Static torque | 21,0 daNm | | Disconnection time | 40 m/sec |
| Dynamic torque | 14,5 daNm | at 500 rpm | Minimun time between two connection | 20 sec |
| | 12,0 daNm | at 1000 rpm | | |
| | 9,5 daNm | at 1500 rpm | | |
| | 8,8 daNm | at 2000 rpm | | |
| | 8,0 daNm | at 2500 rpm | Max speed | 5000 rpm |
| | 7,8 daNm | at 3000 rpm | Weight | 8 Kg |

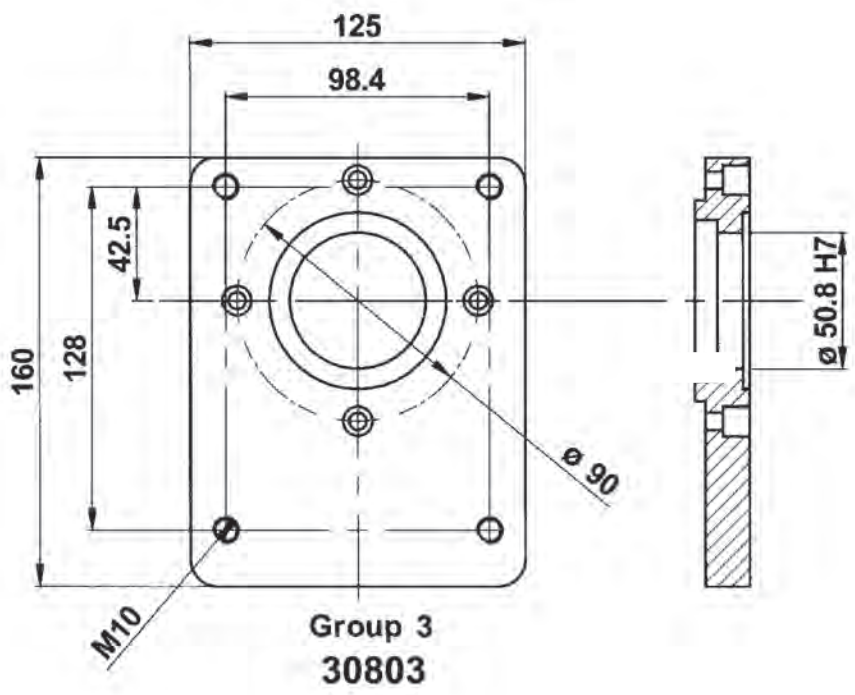
| Electric absorption | Resistance ( Ω ) | | Current ( A ) | | Power ( W ) | |
|---|---|---|---|---|---|---|
| | 20° C | 120° C | 20° C | 120° C | 20° C | 120° C |
| 12 V DC | 2,96 | 3,97 | 4,05 | 2,71 | 48,70 | 32,50 |
| 24 V DC | 12,30 | 16,60 | 1,95 | 1,31 | 47,00 | 30,70 |

All technical data are at 20°C / at 120 °C the performance are less 20%
All electromagneteic clutches are reversible.

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 29 - 30990 | Electromagnetic clutch 12V. 21 daNm for European Group 2 Pumps | £451.28 | € 609.22 |
| 29 - 30991 | Electromagnetic clutch 24V. 21 daNm for European Group 2 Pumps | £451.28 | € 609.22 |
| 29 - 30992 | Electromagnetic clutch 12V. 21 daNm for European Group 3 Pumps | £451.28 | € 609.22 |
| 29 - 30993 | Electromagnetic clutch 24V. 21 daNm for European Group 3 Pumps | £451.28 | € 609.22 |
| If the part number needed is not listed please ask the Flowfit Sales Team | | | |

# GROUP 3 FLANGE FOR 21 daNm ELECTROMAGNETIC CLUTCH

www.flowfitonline.com
TECH. DATA SHEET
EC01




**Fitted to 29-30992/29-30993**

| Electric absorption | CLUTCHES COMPLETE WITH ABOVE FLANGES | | | | |
|---|---|---|---|---|---|
| | Gr.2 BOSCH | Gr.3 | Gr. 3 BOSCH | SAE A | SAE B |
| 12 Volt | 30990/2B | 30992 | 30992/3B | 30990/SA | 30990/SB |
| 24 Volt | 30991/2B | 30993 | 30993/3B | 30991/SA | 30991/SB |

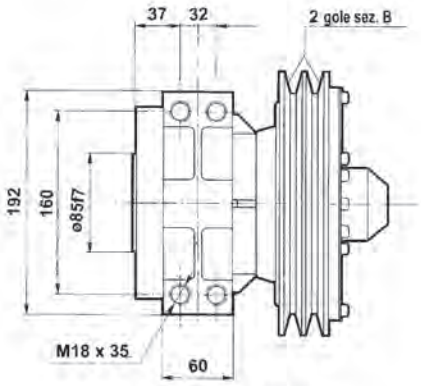
Various Flanges Available upon request

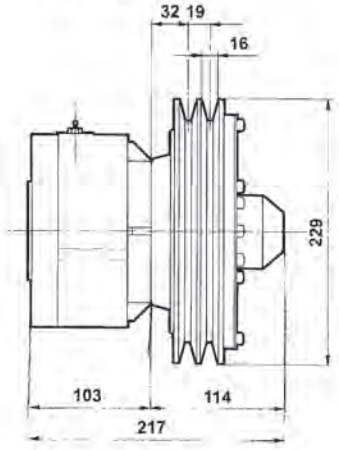


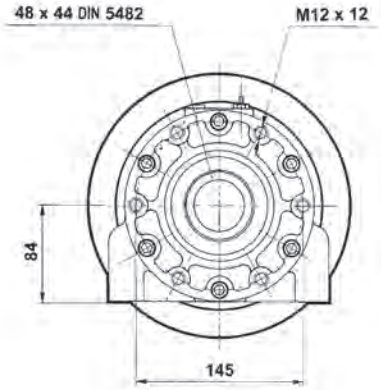
# 50 daNm ELECTROMAGNETIC CLUTCHES

www.flowfitonline.com
TECH. DATA SHEET
EC01

SERIES: 30940/SF 12 Volt SERIES: 30941/SF 24 Volt




| | | | | |
|---|---|---|---|---|
| Nominal torque | 38,0 daNm | | Connection time | 25 m/sec |
| Static torque | 50,0 daNm | | Disconnection time | 40 m/sec |
| Dynamic torque | 33,0 daNm | at 500 rpm | Minimun time between two connection | 20 sec |
| | 31,5 daNm | at 1000 rpm | | |
| | 28,7 daNm | at 1500 rpm | | |
| | 28,0 daNm | at 2000 rpm | | |
| | 27,2 daNm | at 2500 rpm | Max speed | 5000 rpm |
| | 27,0 daNm | at 3000 rpm | Weight | 20 Kg |

| Electric absorption | Resistance ( Ω ) | | Current ( A ) | | Power ( W ) | |
|---|---|---|---|---|---|---|
| | 20° C | 120° C | 20° C | 120° C | 20° C | 120° C |
| 12 V DC | 1,81 | 2,60 | 6,60 | 4,62 | 80,00 | 56,00 |
| 24 V DC | 7,40 | 10,50 | 3,25 | 2,30 | 78,00 | 54,60 |

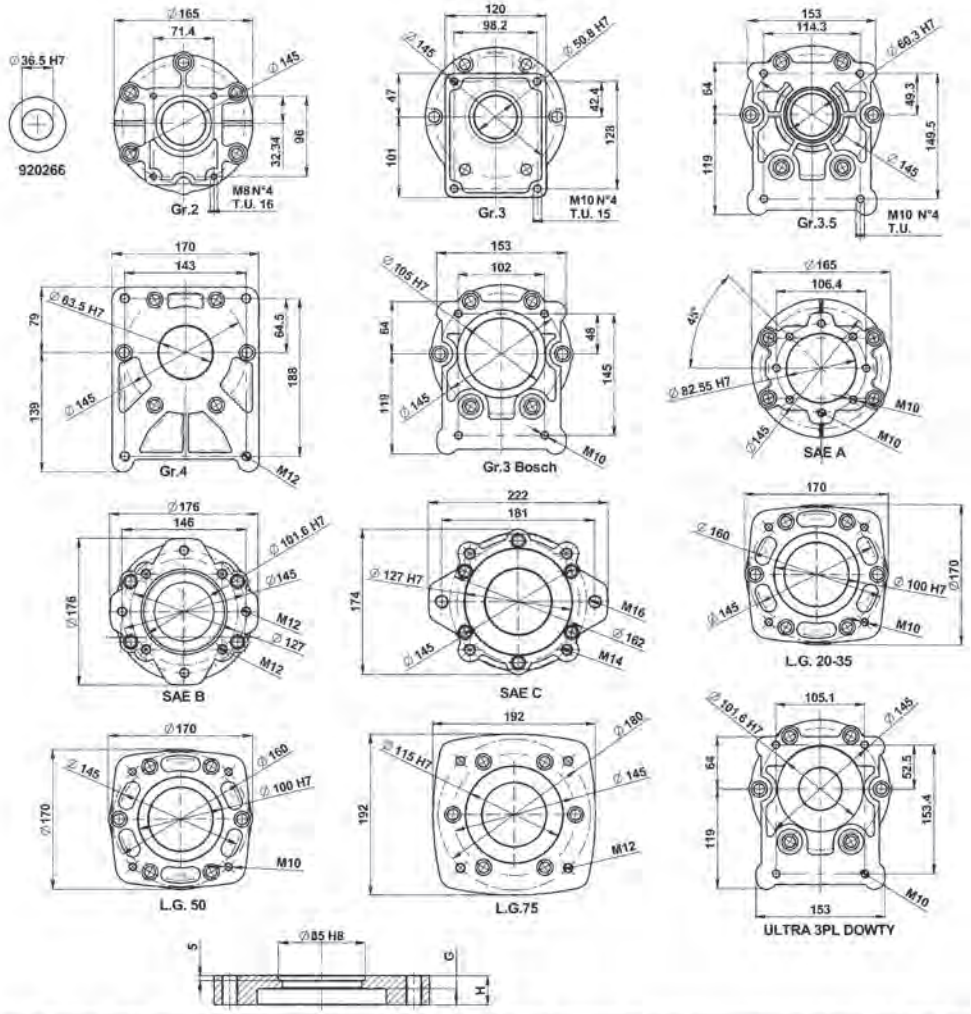
All technical data are at 20°C / at 120 °C the performance are less 20%
All electromagneteic clutches are reversible.

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 29 - 30940 | Electromagnetic clutch 12V. 30 daNm for European Group 2 Pumps | £1,131.17 | € 1,527.08 |
| 29 - 30941 | Electromagnetic clutch 24V. 30 daNm for European Group 2 Pumps | £1,131.17 | € 1,527.08 |
| 29 - 30942 | Electromagnetic clutch 12V. 30 daNm for European Group 3 Pumps | £1,131.17 | € 1,527.08 |

If the part number needed is not listed please ask the Flowfit Sales Team

# FLANGES FOR 21 daNm ELECTROMAGNETIC CLUTCHES

www.flowfitonline.com
TECH. DATA SHEET
EC01




| FLANGE TYPE | Gr.2 | Gr.3 | Gr.3.5 | Gr.4 | Gr.3 BOSCH | SAE A | SAE B | SAE C | L.G. 20-35 | L.G. 50 | L.G.75 | ULTRA 3PL DOWTY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H | 21 | 23 | 24 | 23 | 19 | 25 | 25 | 28 | 34 | 41 | 41 | 24.5 |
| G | 17 | 21 | 11.5 | 16 | 12 | 21 | 12 | 16 | 25 | 32.5 | 33 | 10.5 |
| FLANGE PART NO. | 30400 | 30401 | 30402 | 30403 | 30417 | 30420 | 30422 | 30432 | 30461 | 30462 | 30463 | 30471 |

| PART NO. | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| 28 - 30400 | European Group 2 Flange C/W +socket capscrews | £64.22 | € 86.70 |
| 28 - 30401 | European Group 3 Flange C/W +socket capscrews | £59.94 | € 80.92 |
| 28 - 30402 | European Group 3.5 Flange C/W +socket capscrews | £57.83 | € 78.07 |
| 28 - 30403 | European Group 4 Flange C/W +socket capscrews | £56.16 | € 75.82 |
| 28 - 30417 | Bosch Group 3 Flange C/W +socket capscrews | £73.51 | € 99.24 |
| 28 - 30420 | SAE A 2 BOLT Flange C/W +socket capscrews | £57.80 | € 78.03 |
| 28 - 30421 | SAE B 2 BOLT Flange C/W +socket capscrews | £72.09 | € 97.32 |
| 28 - 30422 | SAE B 4 BOLT Flange C/W +socket capscrews | £72.09 | € 97.32 |
| 28 - 30431 | SAE C 2 BOLT Flange C/W +socket capscrews | £72.09 | € 97.32 |
| 28 - 30432 | SAE C 4 BOLT Flange C/W +socket capscrews | £72.09 | € 97.32 |
| If the part number needed is not listed please ask the Flowfit Sales Team<br>Various flanges available upon request | | | |

## CLUTCHES AND GEARBOXES

# ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLIES


| PRODUCT | PAGE |
|---|---|
| FLOWFIT HYDRAULIC 12V ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLY | 337 |
| FLOWFIT HYDRAULIC 24V ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLY | 338 |








QUALITY PRODUCTS

FREE ADVICE



# ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLIES

**The most powerful range in the uk up to 60 danm off the shelf.**

**Brand new electromagnetic clutch and pump assemblies are commonly used in marine, agricultural, offroad and general industrial applications such as remote hydraulics in service trucks, boats, trucks with automatic transmissions, farm tractors and snow ploughs.**

**During assembly please make sure there is no oil or grease traces on the pulley surfaces which must be completely dry and clean.**

**Running in of the full range of electromagnetic clutches is required to obtain the desired rated torque value. Running in is carried out by engaging and disengaging clutch at high speed several times with the pump in the unload position.**

**When assembling the electromagnetic clutches with any front driving flange please check for correct coupling alignment, but do not exceed rated torque because this would cause slippage of the contact surface where the belts are located. This stage must not last more than 5 seconds as coils within the clutch will burn out.**

**Mounted inline with engine belt 2 groove pulley**
**Clockwise rotation - Max 5000rpm**
**Available electrical inputs available are 12 volts 4.55A and 24v 2.54A**
**Operating temperature 80 degrees celsius, -20 degrees celsius**
**Nominal toque, flow rates and voltages shown in part number description.**
**For lower/higher flow rates and lower /higher speeds please contact us for technical clearance as this will make a difference to the torque suitability of the clutch.**

## FLOWFIT HYDRAULIC 12V ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLY

www.flowfitonline.com
TECH. DATA SHEET
ECPA1



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, availible electricial 12v input at 5a nominal torque, flow rates and voltages shown in full below.

| PART NO. | FLOW @ 3000RPM L/ MIN | WORKING PRESSURE BAR | VOLTS VDC | AMP A | NOMINAL TORQUE DANM | GRP 2 GEAR PUMP CC/REV | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| ZZ000444 | 12 | 210 | 12 | 5 | 10 | 4 | £332.54 | € 448.93 |
| ZZ000445 | 25.5 | 210 | 12 | 5 | 14 | 8.5 | £332.54 | € 448.93 |
| ZZ000436 | 33 | 210 | 12 | 5 | 14 | 11 | £332.54 | € 448.93 |
| ZZ000449 | 49.5 | 210 | 12 | 5 | 14 | 16.5 | £359.93 | € 485.90 |
| ZZ000450 | 58.5 | 210 | 12 | 5 | 14 | 19.5 | £359.93 | € 485.90 |



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, availible electricial 12v input at 5a nominal torque, flow rates and voltages shown in full below.

| PART NO. | FLOW @ 3000RPM L/ MIN | WORKING PRESSURE BAR | VOLTS VDC | AMP A | NOMINAL TORQUE DANM | GRP 3 GEAR PUMP CC/REV | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| ZZ000454 | 66.9 | 210 | 12 | 5 | 21 | 22.3 | £632.92 | € 854.44 |
| ZZ000455 | 87.9 | 210 | 12 | 5 | 21 | 29.3 | £632.92 | € 854.44 |
| ZZ000456 | 98.7 | 210 | 12 | 5 | 21 | 32.9 | £632.92 | € 854.44 |
| ZZ000457 | 109.2 | 210 | 12 | 5 | 21 | 36.4 | £632.92 | € 854.44 |

# FLOWFIT HYDRAULIC 24V ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLY

www.flowfitonline.com
TECH. DATA SHEET
ECPA1



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, availible electricial 24v input at 3a or nominal torque, flow rates and voltages shown in full below.

| PART NO. | FLOW @ 3000RPM L/ MIN | WORKING PRESSURE BAR | VOLTS VDC | AMP A | NOMINAL TORQUE DANM | GRP 2 GEAR PUMP CC/REV | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| ZZ000446 | 12 | 210 | 24 | 3 | 10 | 4 | £332.54 | € 448.93 |
| ZZ000447 | 25.5 | 210 | 24 | 3 | 10 | 8.5 | £332.54 | € 448.93 |
| ZZ000451 | 33 | 210 | 24 | 3 | 14 | 11 | £359.93 | € 485.90 |
| ZZ000437 | 49.5 | 210 | 24 | 3 | 14 | 16.5 | £332.54 | € 448.93 |
| ZZ000452 | 58.5 | 210 | 24 | 3 | 14 | 19.5 | £359.93 | € 485.90 |



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, availible electricial 24v input at 3a nominal torque, flow rates and voltages shown in full below.

| PART NO. | FLOW @ 3000RPM L/ MIN | WORKING PRESSURE BAR | VOLTS VDC | AMP A | NOMINAL TORQUE DANM | GRP 3 GEAR PUMP CC/REV | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| ZZ000453 | 58.5 | 210 | 24 | 3 | 21 | 19.5 | £359.93 | € 485.90 |
| ZZ000459 | 66.9 | 210 | 24 | 3 | 21 | 22.3 | £632.92 | € 854.44 |
| ZZ000460 | 87.9 | 210 | 24 | 3 | 21 | 29.3 | £632.92 | € 854.44 |
| ZZ000461 | 98.7 | 210 | 24 | 3 | 21 | 32.9 | £632.92 | € 854.44 |
| ZZ000462 | 109.2 | 210 | 24 | 3 | 21 | 36.4 | £632.92 | € 854.44 |



## SPLINED COUPLINGS

# SPLINED COUPLINGS


| PRODUCT | PAGE |
|---|---|
| SPLINED COUPLINGS SERIES 10000 | 340 |
| SPLINED COUPLINGS SERIES 15000 | 341 |
| SPLINED SLEEVES | 341 |
| SPLINED COUPLINGS SERIES 34100 | 342 |
| SPLINED HALF COUPLINGS 34200 - 34300 34400-35500 | 342 |
| SPLINED SLEEVES SERIES 10200-10300-10400 | 342 |
| SPLINED BARS SERIES 14000 | 343 |





QUALITY PRODUCTS

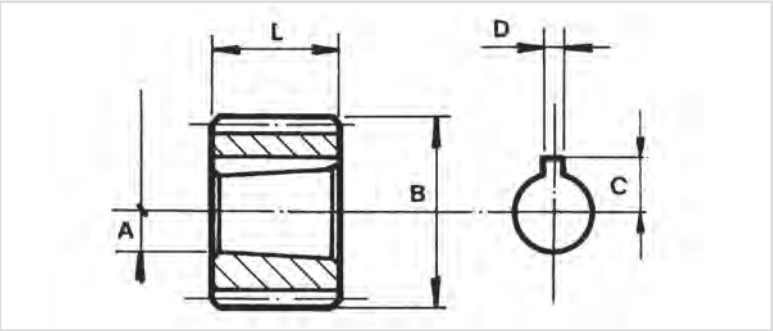
FREE ADVICE



# SPLINED COUPLINGS SERIES 10000

## 1:8 TAPER PUMP CONNECTION

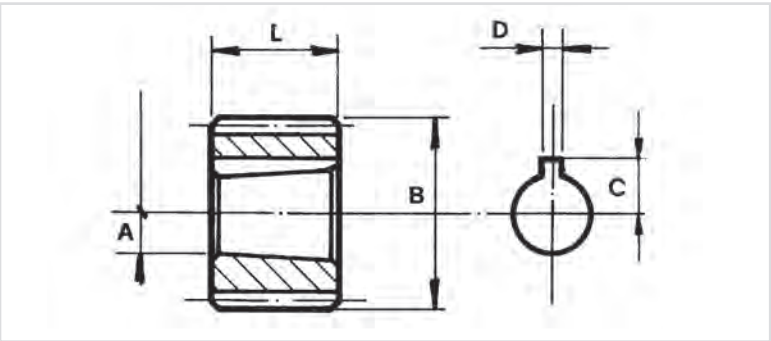
www.flowfitonline.com
TECH. DATA SHEET
SC01




| CODE | EUROPEAN PUMP GROUP | PUMP ASSEMBLY | PROFILE DIN 5482 B | NO. OF TEETH | A | B | C | D | L | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| 01-10001 | 1 | 1 | 20 x 17 | 12 | 8 | 19,5 | 5,7 | 2,4 | 14,5 | £5.80 | € 7.83 |
| 01-10003 | 1 | 2/1 | 25 x 22 | 14 | 8 | 24,5 | 5,7 | 2,4 | 14,5 | £4.92 | € 6.65 |
| 01-10005 | 2 | 2 | 25 x 22 | 14 | 14,2 | 24,5 | 9,3 | 3,17 | 22 | £4.26 | € 5.75 |
| 01-10026 | 2 | 2 | 25 x 22 | 14 | 14,5 | 24,5 | 9,1 | 4 | 22,5 | £4.26 | € 5.75 |
| 01-10007 | 2 | 2 | 28 x 25 | 15 | 14,2 | 27,5 | 9,7 | 3,17 | 22 | £6.13 | € 8.28 |
| 01-10035 | 2 | 2 | 28 x 25 | 15 | 14,5 | 27,5 | 9,7 | 4 | 22,5 | £6.50 | € 8.78 |
| 01-10010 | 1 | 3/1 | 35 x 31 | 18 | 8 | 34,5 | 5,7 | 2,4 | 14,5 | £9.97 | € 13.46 |
| 01-10012 | 2 | 3/2 | 35 x 31 | 18 | 14,2 | 34,5 | 9,7 | 3,17 | 22 | £5.57 | € 7.53 |
| 01-10044 | 2 | 3/2 | 35 x 31 | 18 | 14,5 | 34,5 | 9,7 | 4 | 22,5 | £4.73 | € 6.38 |
| 01-10014 | 3 | 3 | 35 x 31 | 18 | 18,7 | 34,5 | 12,5 | 4 | 26 | £5.00 | € 6.75 |
| 01-10019 | 3 | 4/3 | 48 X 44 | 23 | 18,7 | 47,5 | 12,5 | 4 | 26 | £9.44 | € 12.74 |
| 01-10020 | 3,5 | 4/3,5 | 48 X 44 | 23 | 21,2 | 47,5 | 15,1 | 4,76 | 32 | £11.25 | € 15.20 |

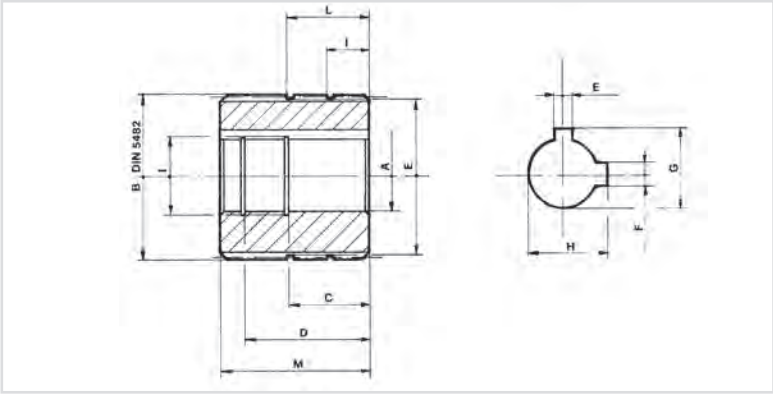
## PARALLEL/CYLINDRICAL BORE

www.flowfitonline.com
TECH. DATA SHEET
SC01




| CODE | EUROPEAN PUMP GROUP | PUMP ASSEMBLY | PROFILE DIN 5482 B | NO. OF TEETH | A | B | C | D | L | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| 01-10045 | 2 | 3/2 | 35 x 31 | 18 | 15 | 34,5 | 9,2 | 4 | 31 | £7.26 | € 9.80 |
| 01-10047 | 3 | 3 | 35 x 31 | 18 | 20 | 34,5 | 11,8 | 5 | 41 | £17.93 | € 24.20 |
| 01-10053 | 1 | 4/1 | 48 x 44 | 23 | 12 | 47,5 | 7,6 | 3 | 13,5 | £9.62 | € 12.99 |

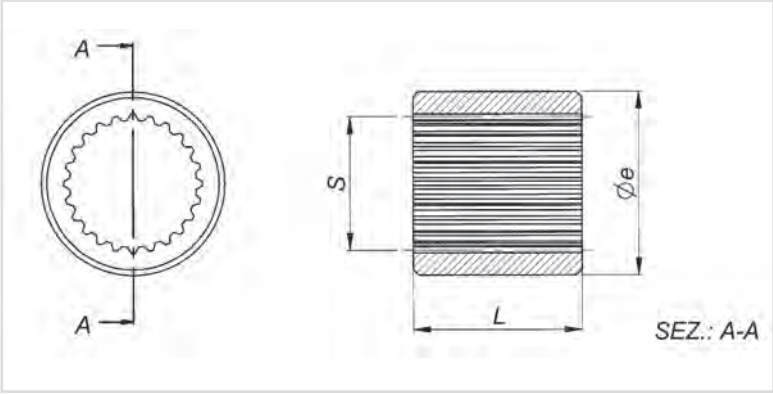
# SPLINED COUPLINGS SERIES 15000




www.flowfitonline.com
TECH. DATA SHEET
SC02

| CODE | PUMP ASSEMBLY | PROFILE | NO. OF TEETH | IØ | EØ | A | B | C | D | E | F | G | H | I | L | M | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | £ STERLING | € EUROS |
| 01-15001 | A | 35 X 31 | 18 | 19 | 34 | 19,05 | 34,5 | 26 | 41 | 4,8 | | 21,2 | | 13 | 27 | 48 | £16.82 | € 22.70 |
| 01-15002 | B-C | 35 X 31 | 18 | 22 | 34 | 22,22 | 34,5 | 26 | 40 | 4,8 | 6,4 | 24,5 | 25,2 | 14 | 27 | 48 | £16.82 | € 22.70 |

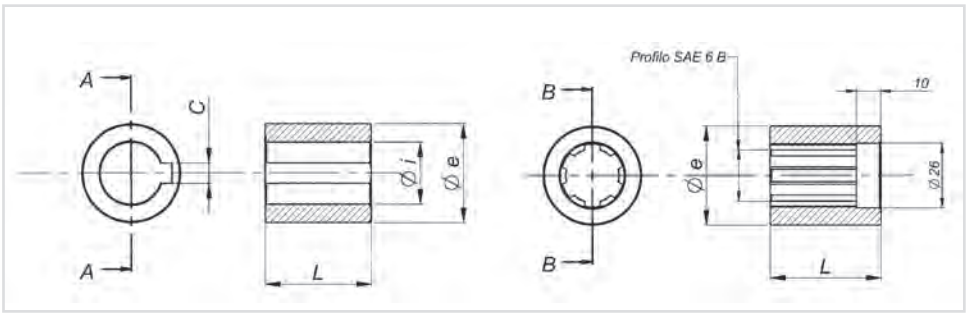
# SPLINED SLEEVES




www.flowfitonline.com
TECH. DATA SHEET
SC02

| CODE | NO. OF TEETH | SPLINED SHAFT : S | Øe | L | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| 01-10601 | 9 | A 17x14 - DIN 5482 | 30 | 30 | £10.13 | € 13.67 |
| 01-10602 | 14 | A 25x22 - DIN 5482 | 40 | 50 | £13.41 | € 18.11 |
| 01-10603 | 15 | A 28x25 - DIN 5482 | 40 | 50 | £13.41 | € 18.11 |
| 01-10702 | 11 | 16/32" DP | 30 | 35 | £10.05 | € 13.58 |
| 01-10703 | 13 | 16/32" DP | 35 | 40 | £13.40 | € 18.09 |

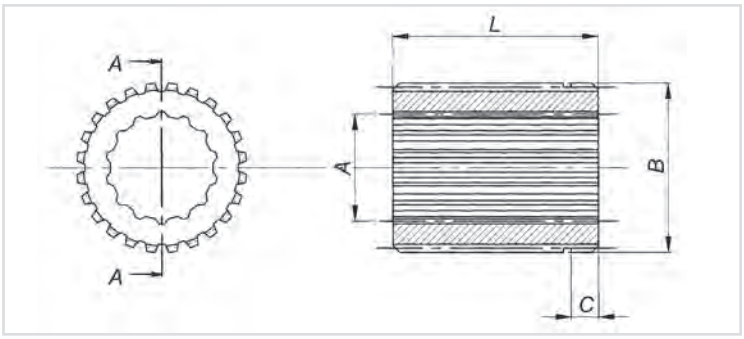
# SPLINED COUPLINGS SERIES 34100




www.flowfitonline.com
TECH. DATA SHEET
SC03

| CODE | MOTOR | Ø e | Ø I | L | C | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| 01-34104 | DANFOSS | 50 | 32 | 50 | 10 | £36.41 | € 49.15 |
| 01-34105 | DANFOSS | 40 | | 45 | | £20.06 | € 27.08 |

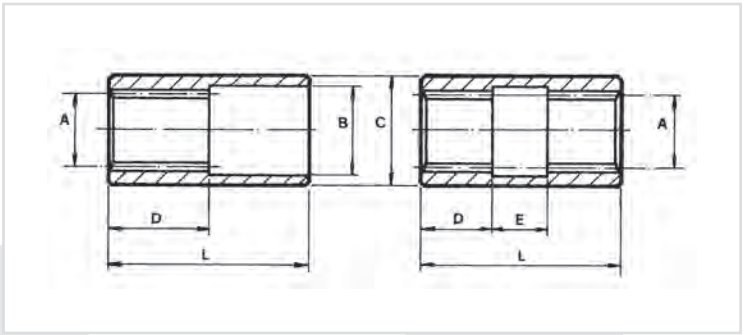
# SPLINED HALF COUPLINGS 34200 - 34300 34400-35500




www.flowfitonline.com
TECH. DATA SHEET
SC03

| CODE | NO. OF TEETH EXTERIOR | SPLINED SHAFT EXTERIOR: B | NO. OF TEETH INSIDE | SPLINED SHAFT: A | L | C | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| 01-35517 | 14 | B 25X22 - DIN 5482 | 9 | 16/32" DP | 30 | 5 | £10.02 | € 13.53 |

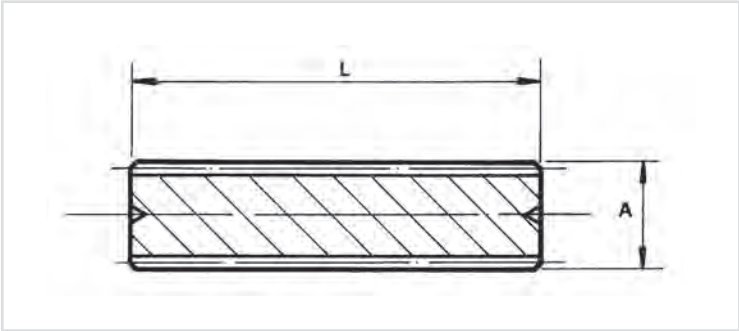
# SPLINED SLEEVES SERIES 10200-10300-10400




www.flowfitonline.com
TECH. DATA SHEET
SC03

| CODE | PUMP ASSEMBLY | PROFILE | NO. OF TEETH | A | B | C | D | E | L | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| 01-10201 | 1 | 20 X 17 DIN 5482 | 12 | 17 | 20,5 | 25 | 25 | | 50 | £5.68 | € 7.67 |
| 01-10207 | 4 | 48 X 44 DIN 5482 | 23 | 44 | 48,5 | 62 | 42 | | 90 | £14.49 | € 19.57 |

# SPLINED BARS SERIES 14000




www.flowfitonline.com
TECH. DATA SHEET
SC03

| CODE | PROFILE | NO. OF TEETH | A | B | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| 01-14003 | 25 X 22 | 14 | 24,5 | 300 | £32.02 | € 43.23 |
| 01-14008 | 40 X 36 | 20 | 39,5 | 300 | £50.04 | € 67.55 |

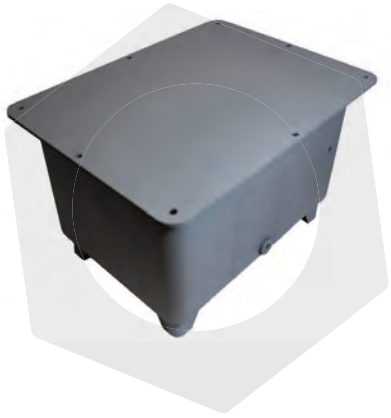


## HYDRAULIC TANKS

# FLOWFIT WELDLESS STEEL TANKS


| PRODUCT | PAGE |
|---|---|
| FLOWFIT WELDLESS STEEL TANKS | 345 |
| FLOWFIT WELDLESS STEEL PRIMED TANKS | 347 |

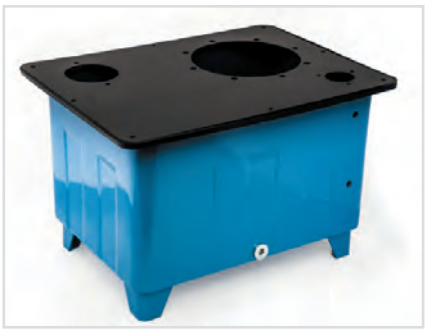


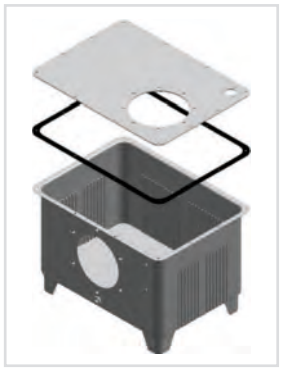



**QUALITY PRODUCTS**

**FREE ADVICE**







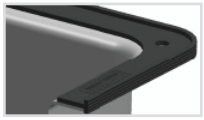
# FLOWFIT WELDLESS STEEL TANKS

www.flowfitonline.com
TECH. DATA SHEET
WST01

Flowfit offers a complete line of hydraulic tanks and tanks accessories for fluid power transmission applications. The line includes Weldless Steel tanks complete lids, sealing gaskets, legs and associated parts for tanks including a complete line of oil level gauges, bellhousings, filler breather etc... for routing hydraulic lines directly into the tank.

**WELDLESS SHEET METAL OIL TANK FEATURES**

- All FLOWFIT Weldless Steel Tank bodies are skillfully fabricated from high strength cold rolled steel plate and sheet.
- Produced by the deep drawing method of forming the body of the tank without the use of welding in all circumstances guarantee 100% leak
- Hydraulic Power Unit with a capacity of eight different applications respond to a large part,
- Light weight and high strength weldless sheet metal tank body,
- Tank body with electrostatic epoxy-polyester powder paint (Phosphate-coated on the surface) and the high strength obtained by painting the surface quality and protection. (standard color RAL 5007 Brillant blue)
- Assembled as an oil level indicator (option), Tank can be installed over the drain plug (standard) shipping,
- Lid - Tank is an integrated view after assembly to give the vibration damping and sealing gasket feature (NBR 70)
- Lid - Standard colour RAL 9005

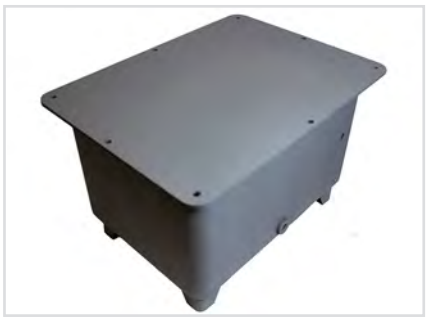


- Traps oil leaks prevents spills
- Reduces noise
- Absorbs vibration
- Compatible with most fluids
- Simplifies assembly

- Different tank lid designs available upon request, please always ask.
- Its strength, light weight, compact design, with the advantage of immediate delivery from stock at unbeatable price

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| **6 LITRE STEEL TANKS** | | | |
| | | £ STERLING | € EUROS |
| FFT-6 | 6 L TANK C/W PLAIN LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £48.00 | € 64.80 |
| FFT-6BHFB140 | 6 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 140MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| FFT-6BHFB160 | 6 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| FFT-6BHFB200 | 6 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| FFT-6BHFBRL140 | 6 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 140MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| FFT-6BHFBRL160 | 6 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| FFT-6BHFBRL200 | 6 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| **12 LITRE STEEL TANKS** | | | |
| FFT-12 | 12 L TANK C/W PLAIN LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £64.00 | € 86.40 |
| FFT-12BHFB140 | 12 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 140MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £67.00 | € 90.45 |
| FFT-12BHFB160 | 12 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £67.00 | € 90.45 |
| FFT-12BHFB200 | 12 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £67.00 | € 90.45 |
| FFT-12BHFBRL140 | 12 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 140MM OD | £67.00 | € 90.45 |
| FFT-12BHFBRL160 | 12 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 160MM OD | £67.00 | € 90.45 |
| FFT-12BHFBRL200 | 12 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD | £67.00 | € 90.45 |
| **25 LITRE STEEL TANKS** | | | |
| FFT-25 | 25 L TANK C/W PLAIN LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £83.00 | € 112.05 |
| FFT-25BHFB160 | 25 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £87.00 | € 117.45 |
| FFT-25BHFB200 | 25 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £87.00 | € 117.45 |
| FFT-25BHFB250 | 25 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £87.00 | € 117.45 |
| FFT-25BHFBRL160 | 25 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 160MM OD | £87.00 | € 117.45 |
| FFT-25BHFBRL200 | 25 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD | £87.00 | € 117.45 |
| FFT-25BHFB RL250 | 25 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE HOLE & RETURN LINE FILTER HOLES 250MM OD | £87.00 | € 117.45 |

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| **40 LITRE STEEL TANKS** | | | |
| | | £ STERLING | € EUROS |
| FFT-40 | 40L PLAIN TANK | £95.00 | € 128.25 |
| FFT-40BHFB200 | 40 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD | £99.00 | € 133.65 |
| FFT-40BHFB250 | 40 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD | £99.00 | € 133.65 |
| FFT-40BHFB300 | 40 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD | £99.00 | € 133.65 |
| FFT-40BHFBRL200 | 40 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD | £99.00 | € 133.65 |
| FFT-40BHFBRL250 | 40 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD | £99.00 | € 133.65 |
| FFT-40BHFBRL300 | "40 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD | £99.00 | € 133.65 |
| **70 LITRE STEEL TANKS** | | | |
| FFT-70 | 70L PLAIN TANK | £138.00 | € 186.30 |
| FFT-70BHFB200 | 70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD | £144.00 | € 194.40 |
| FFT-70BHFB250 | 70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD | £144.00 | € 194.40 |
| FFT-70BHFB300 | 70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD | £144.00 | € 194.40 |
| FFT-70BHFB350 | 70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD | £144.00 | € 194.40 |
| FFT-70BHFBRL200 | 70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD | £144.00 | € 194.40 |
| FFT-70BHFBRL250 | 70 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD | £144.00 | € 194.40 |
| FFT-70BHFBRL300 | 70 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD | £144.00 | € 194.40 |
| FFT-70BHFBRL350 | 70 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD | £144.00 | € 194.40 |
| **100 LITRE STEEL TANKS** | | | |
| FFT-100 | 100L PLAIN TANK | £175.00 | € 236.25 |
| FFT-100BHFB200 | 100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD | £182.00 | € 245.70 |
| FFT-100BHFB250 | 100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD | £182.00 | € 245.70 |
| FFT-100BHFB300 | 100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD | £182.00 | € 245.70 |
| FFT-100BHFB350 | 100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD | £182.00 | € 245.70 |
| FFT-100BHFBRL200 | 100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD | £182.00 | € 245.70 |
| FFT-100BHFBRL250 | 100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD | £182.00 | € 245.70 |
| FFT-100BHFBRL300 | 100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD | £182.00 | € 245.70 |
| FFT-100BHFBRL350 | 100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD | £182.00 | € 245.70 |
| **160 LITRE STEEL TANKS** | | | |
| FFT-160 | 160L PLAIN TANK | £270.00 | € 364.50 |
| FFT-160BHFB250 | 160 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD | £281.00 | € 379.35 |
| FFT-160BHFB300 | 160 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD | £281.00 | € 379.35 |
| FFT-160BHFB350 | 160 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD | £281.00 | € 379.35 |
| FFT-160BHFBRL250 | 160 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD | £281.00 | € 379.35 |
| FFT-160BHFBRL300 | 160 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD | £281.00 | € 379.35 |
| FFT-160BHFBRL350 | 160 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD | £281.00 | € 379.35 |
| **250 LITRE STEEL TANKS** | | | |
| FFT-250 | 250 L PLAIN TANK | £368.00 | € 496.80 |
| FFT-250BHFB250 | 250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD | £383.00 | € 517.05 |
| FFT-250BHFB300 | 250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD | £383.00 | € 517.05 |
| FFT-250BHFB350C | 250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD | £383.00 | € 517.05 |
| FFT-250BHFB400C | 250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 400MM OD | £383.00 | € 517.05 |
| FFT-250BHFB450C | 250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 450MM OD | £383.00 | € 517.05 |
| FFT-250BHFBRL250C | 250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD | £383.00 | € 517.05 |
| FFT-250BHFBRL300C | 250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD | £383.00 | € 517.05 |
| FFT-250BHFBRL350C | 250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD | £383.00 | € 517.05 |
| FFT-250BHFBRL400C | 250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 400MM OD | £383.00 | € 517.05 |
| FFT-250BHFBRL450C | 250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 450MM OD | £383.00 | € 517.05 |







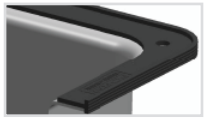
# FLOWFIT WELDLESS STEEL PRIMED TANKS

www.flowfitonline.com
TECH. DATA SHEET
WST01

Flowfit offers a complete line of hydraulic tanks and tanks accessories for fluid power transmission applications. The line includes Weldless Steel tanks complete lids, sealing gaskets, legs and associated parts for tanks including a complete line of oil level gauges, bellhousings, filler breather etc... for routing hydraulic lines directly into the tank.

**WELDLESS SHEET METAL OIL TANK FEATURES**

- All FLOWFIT Weldless Steel Tank bodies are skillfully fabricated from high strength cold rolled steel plate and sheet.
- Produced by the deep drawing method of forming the body of the tank without the use of welding in all circumstances guarantee 100% leak
- Hydraulic Power Unit with a capacity of eight different applications respond to a large part,
- Light weight and high strength weldless sheet metal tank body,
- Tank body with electrostatic epoxy-polyester powder paint (Phosphate-coated on the surface) and the high strength obtained by painting the surface quality and protection. (standard color RAL 5007 Primed)
- Assembled as an oil level indicator (option), Tank can be installed over the drain plug (standard) shipping,
- Lid - Tank is an integrated view after assembly to give the vibration damping and sealing gasket feature (NBR 70)
- Lid - Standard colour RAL 9005



- Traps oil leaks prevents spills
- Reduces noise
- Absorbs vibration
- Compatible with most fluids
- Simplifies assembly

- Different tank lid designs available upon request, please always ask.
- Its strength, light weight, compact design, with the advantage of immediate delivery from stock at unbeatable price

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| **6 LITRE STEEL TANKS** | | | |
| | | £ STERLING | € EUROS |
| FFT-6-P | 6 L TANK C/W PLAIN LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £48.00 | € 64.80 |
| FFT-6BHFB140-P | 6 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 140MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| FFT-6BHFB160-P | 6 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| FFT-6BHFB200-P | 6 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| FFT-6BHFBRL140-P | 6 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 140MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| FFT-6BHFBRL160-P | 6 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| FFT-6BHFBRL200-P | 6 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £50.00 | € 67.50 |
| **12 LITRE STEEL TANKS** | | | |
| FFT-12-P | 12 L TANK C/W PLAIN LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £64.00 | € 86.40 |
| FFT-12BHFB140-P | 12 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 140MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £67.00 | € 90.45 |
| FFT-12BHFB160-P | 12 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £67.00 | € 90.45 |
| FFT-12BHFB200-P | 12 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £67.00 | € 90.45 |
| FFT-12BHFBRL140-P | 12 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 140MM OD | £67.00 | € 90.45 |
| FFT-12BHFBRL160-P | 12 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 160MM OD | £67.00 | € 90.45 |
| FFT-12BHFBRL200-P | 12 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD | £67.00 | € 90.45 |
| **25 LITRE STEEL TANKS** | | | |
| FFT-25-P | 25 L TANK C/W PLAIN LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £83.00 | € 112.05 |
| FFT-25BHFB160-P | 25 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £87.00 | € 117.45 |
| FFT-25BHFB200-P | 25 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £87.00 | € 117.45 |
| FFT-25BHFB250-P | 25 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A | £87.00 | € 117.45 |
| FFT-25BHFBRL160-P | 25 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 160MM OD | £87.00 | € 117.45 |
| FFT-25BHFBRL200-P | 25 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD | £87.00 | € 117.45 |
| FFT-25BHFB RL250-P | 25 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE HOLE & RETURN LINE FILTER HOLES 250MM OD | £87.00 | € 117.45 |

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| **40 LITRE STEEL TANKS** | | | |
| | | £ STERLING | € EUROS |
| FFT-40-P | 40L PLAIN TANK | £95.00 | € 128.25 |
| FFT-40BHFB200-P | 40 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD | £99.00 | € 133.65 |
| FFT-40BHFB250-P | 40 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD | £99.00 | € 133.65 |
| FFT-40BHFB300-P | 40 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD | £99.00 | € 133.65 |
| FFT-40BHFBRL200-P | 40 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD | £99.00 | € 133.65 |
| FFT-40BHFBRL250-P | 40 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD | £99.00 | € 133.65 |
| FFT-40BHFBRL300-P | "40 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD | £99.00 | € 133.65 |
| **70 LITRE STEEL TANKS** | | | |
| FFT-70-P | 70L PLAIN TANK | £138.00 | € 186.30 |
| FFT-70BHFB200-P | 70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD | £144.00 | € 194.40 |
| FFT-70BHFB250-P | 70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD | £144.00 | € 194.40 |
| FFT-70BHFB300-P | 70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD | £144.00 | € 194.40 |
| FFT-70BHFB350-P | 70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD | £144.00 | € 194.40 |
| FFT-70BHFBRL200-P | 70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD | £144.00 | € 194.40 |
| FFT-70BHFBRL250-P | 70 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD | £144.00 | € 194.40 |
| FFT-70BHFBRL300-P | 70 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD | £144.00 | € 194.40 |
| FFT-70BHFBRL350-P | 70 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD | £144.00 | € 194.40 |
| **100 LITRE STEEL TANKS** | | | |
| FFT-100-P | 100L PLAIN TANK | £175.00 | € 236.25 |
| FFT-100BHFB200-P | 100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD | £182.00 | € 245.70 |
| FFT-100BHFB250-P | 100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD | £182.00 | € 245.70 |
| FFT-100BHFB300-P | 100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD | £182.00 | € 245.70 |
| FFT-100BHFB350-P | 100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD | £182.00 | € 245.70 |
| FFT-100BHFBRL200-P | 100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD | £182.00 | € 245.70 |
| FFT-100BHFBRL250-P | 100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD | £182.00 | € 245.70 |
| FFT-100BHFBRL300-P | 100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD | £182.00 | € 245.70 |
| FFT-100BHFBRL350-P | 100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD | £182.00 | € 245.70 |
| **160 LITRE STEEL TANKS** | | | |
| FFT-160-P | 160L PLAIN TANK | £270.00 | € 364.50 |
| FFT-160BHFB250-P | 160 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD | £281.00 | € 379.35 |
| FFT-160BHFB300-P | 160 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD | £281.00 | € 379.35 |
| FFT-160BHFB350-P | 160 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD | £281.00 | € 379.35 |
| FFT-160BHFBRL250-P | 160 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD | £281.00 | € 379.35 |
| FFT-160BHFBRL300-P | 160 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD | £281.00 | € 379.35 |
| FFT-160BHFBRL350-P | 160 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD | £281.00 | € 379.35 |
| **250 LITRE STEEL TANKS** | | | |
| FFT-250-P | 250 L PLAIN TANK | £368.00 | € 496.80 |
| FFT-250BHFB250-P | 250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD | £383.00 | € 517.05 |
| FFT-250BHFB300-P | 250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD | £383.00 | € 517.05 |
| FFT-250BHFB350C-P | 250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD | £383.00 | € 517.05 |
| FFT-250BHFB400C-P | 250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 400MM OD | £383.00 | € 517.05 |
| FFT-250BHFB450C-P | 250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 450MM OD | £383.00 | € 517.05 |
| FFT-250BHFBRL250C-P | 250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD | £383.00 | € 517.05 |
| FFT-250BHFBRL300C-P | 250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD | £383.00 | € 517.05 |
| FFT-250BHFBRL350C-P | 250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD | £383.00 | € 517.05 |
| FFT-250BHFBRL400C-P | 250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 400MM OD | £383.00 | € 517.05 |
| FFT-250BHFBRL450C-P | 250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 450MM OD | £383.00 | € 517.05 |

## HYDRAULIC TANKS

# ALUMINIUM OIL TANKS


| PRODUCT | PAGE |
|---|---|
| ALUMINIUM OIL TANKS AB 3,5 | 350 |
| ALUMINIUM OIL TANKS AB 6,5 | 350 |
| ALUMINIUM OIL TANKS AB 12 NR | 351 |
| ALUMINIUM OIL TANKS AB 20 | 351 |
| ALUMINIUM OIL TANKS AB 30 NR | 352 |
| ALUMINIUM OIL TANKS AB 44 | 352 |
| ALUMINIUM OIL TANKS AB 70 | 353 |
| OIL SUMPS FOR ALUMINIUM TANKS | 353 |











QUALITY PRODUCTS

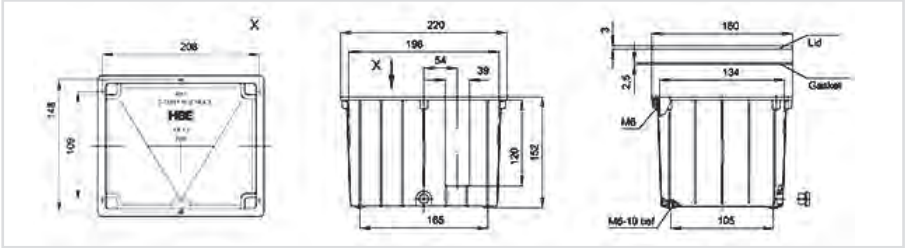
FREE ADVICE

FOR SALES & ADVICE CALL US 01584 876033

# ALUMINIUM OIL TANKS AB 3,5

www.flowfitonline.com
TECH. DATA SHEET
AOT01



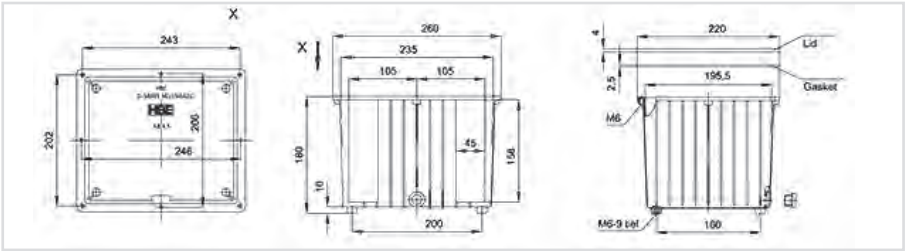



| PART NO. | ORDERING CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| AT2000 | AB 3,5 | **Tank** Effective capacity approx. 3 L • weight 1,0 kg • stackable | £49.96 | € 67.45 |
| AT 2200 | SD 3,5 | **Steel lid** machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing | £13.92 | € 18.79 |
| AT 2230 | D 3,5A | **Gasket** (paperboard) | £1.36 | € 1.84 |
| AT 2238 | D 3,5GK | **Gasket** (rubber cork) | £4.63 | € 6.25 |
| AT2260 | AS G 1/4" | **Drain plug** | £1.64 | € 2.21 |
| AT2261 | G 1/4" | **CU-Gasket** (14 x 18 x 1,5) | £0.54 | € 0.73 |
| FT5C40 | FT5C401 | **Filler** (metal) 3 hole fixing | £6.87 | € 9.28 |
| FLI MI 2 | FL1M12 | **Oil gauge*** 76mm x M12 | £8.39 | € 11.33 |

# ALUMINIUM OIL TANKS AB 6,5

www.flowfitonline.com
TECH. DATA SHEET
AOT01



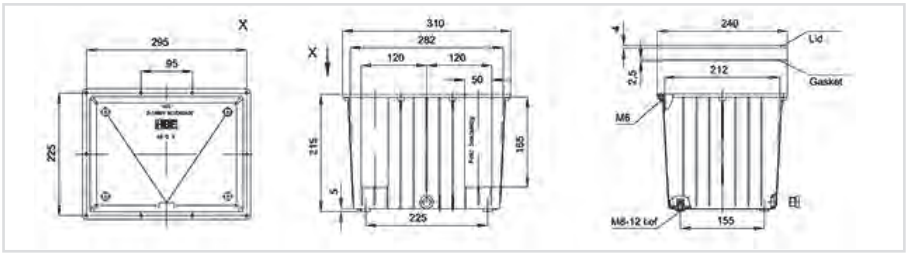



| PART NO. | ORDERING CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| AT200S | AB 6,5 | **Tank** Effective capacity opprox. 6 L • weight 1,6 kg • stockable | £54.56 | € 73.66 |
| AT2205 | SD 6,5 | **Steel lid** machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing | £16.38 | € 22.12 |
| AT2239 | D 6,5A | **Gasket** (paperboard) | £1.64 | € 2.21 |
| AT2246 | D 6,5GK | **Gasket** (rubber cork) | £4.91 | € 6.63 |
| AT2262 | AS G3/8" | **Drain plug** | £2.74 | € 3.70 |
| AT2267 | G3/8" | **CU-Gasket** (16x22x 2) | £0.54 | € 0.73 |
| FT5C40 | FT5C401 | **Filler** (metal) 3 hole fixing | £6.87 | € 9.28 |
| FL1M12 | FL1M12 | **Oil gauge*** 76mm x M12 | £8.39 | € 11.33 |
| FL2M12 | FL2M12 | **Oil gauge*** 127mm x M12 | £9.21 | € 12.44 |

# ALUMINIUM OIL TANKS AB 12 NR

www.flowfitonline.com
TECH. DATA SHEET
AOT01



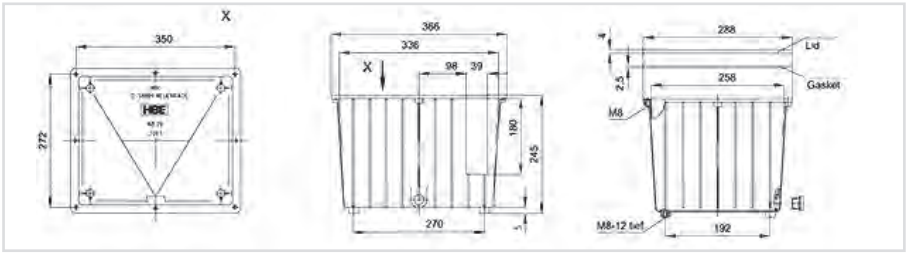



| PART NO. | ORDERING CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| AT2007 | AB 12 NR | **Tank** Effective capacity approx. 11 1 • weight 3 kg • stackable | £66.34 | € 89.56 |
| AT2216 | SD 12 NR | **Steel lid** machined for mounting on the tank, otherwise unmachined, unprimed or completely machined *cc. to customer's drowing | £22.94 | € 30.96 |
| AT2236 | D 12A NR | **Gasket** (paperboord) | £2.19 | € 2.96 |
| AT2240 | D 12GK NR | **Gasket** (rubber cork) Drain plug | £5.73 | € 7.74 |
| AT2262 | AS G 3/8" | **Drain plug** | £2.74 | € 3.70 |
| AT2267 | G 3/8" | **CU Gasket** (16x 22 x2) | £0.54 | € 0.73 |
| FT5C40 | FT5C401 | **Filler** (metal)` 3 hole fixing | £6.87 | € 9.28 |
| FL1M12 | FL1M12 | **Oil gauge*** 76mm x M12 | £8.39 | € 11.33 |
| FL2M12 | F12M12 | **Oil gauge** 127mm x M12 | £9.21 | € 12.44 |

# ALUMINIUM OIL TANKS AB 20

www.flowfitonline.com
TECH. DATA SHEET
AOT01



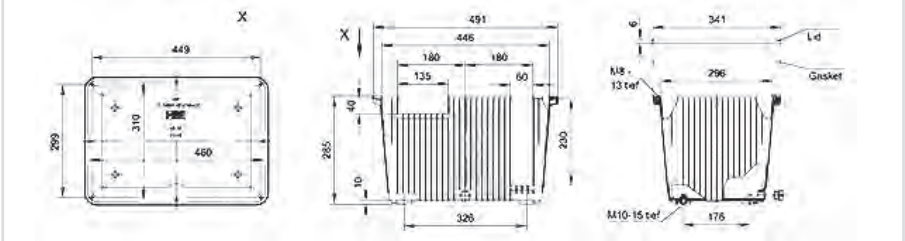



| PART NO. | ORDERING CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| AT2003 | AB 20 | **Tank** Effective capacity approx. 17 l • weight 4,4 kg • stackable | £102.65 | € 138.59 |
| AT2203 | SD 20 | **Steel lid** machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drowing | £26.48 | € 35.75 |
| AT2233 | D 20 A | **Gasket** (paperboord) | £2.45 | € 3.30 |
| AT2245 | D 20 GK | **Gasket** (rubber cork) Drain plug | £7.10 | € 9.58 |
| AT2263 | AS G 1/2" | **Drain plug** | £3.54 | € 4.78 |
| AT2268 | G 1/2" | **CU Gasket** (21 x 26 x 1,5) | £0.83 | € 1.12 |
| FT5C40 | FT5C401 | **Filler** (metal) 3 hole fixing | £6.87 | € 9.28 |
| FL1M12 | FL1M12 | **Oil gauge*** 76mm x M12 | £8.39 | € 11.33 |
| FL2M12 | F12M12 | **Oil gauge** 127mm x M12 | £9.21 | € 12.44 |

# ALUMINIUM OIL TANKS AB 30 NR

www.flowfitonline.com
TECH. DATA SHEET
AOT01



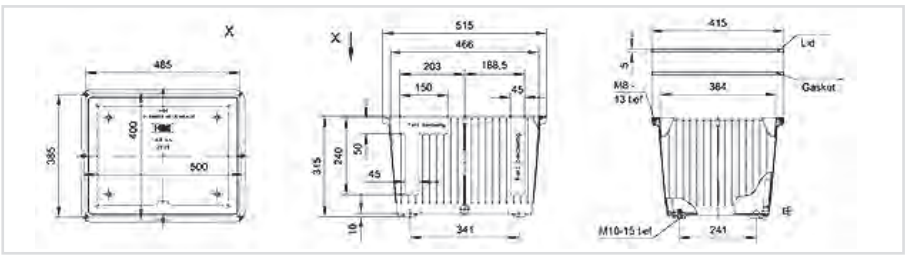



| PART NO. | ORDERING CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| AT2008 | AB 30 NR | **Tank** Effective capacity approx. 26 l • weight 7 kg • stackable | £109.21 | € 147.43 |
| AT2204 | SD 30 | **Steel lid** machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drowing | £37.14 | € 50.14 |
| AT2210 | AD 30 | **Aluminium Lid** machined for reaming on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing | £60.73 | € 81.98 |
| AT2234 | D 30 NBR | **Gasket** ø 6 mm N8R | £7.11 | € 9.59 |
| AT2263 | AS G 1/2" | **Drain plug** | £3.54 | € 4.78 |
| AT2268 | G1/2" | **CU Gasket** (21 x 26 x 1,5) | £0.83 | € 1.12 |
| AT2300 | F 30 | **Aluminium feet for AB 30** (Set = 4 pcs.) | £10.29 | € 13.90 |
| FT8C401 | FT8C-40 | **Filler** (metal) 3 hole fixing | £8.34 | € 11.25 |
| FLI MI2 | FL1M12 | **Oil gauge*** 76mm x M12 | £8.39 | € 11.33 |
| FL2M12 | FL2M12 | **Oil gauge** 127mm x M12 | £9.21 | € 12.44 |

# ALUMINIUM OIL TANKS AB 44

www.flowfitonline.com
TECH. DATA SHEET
AOT01



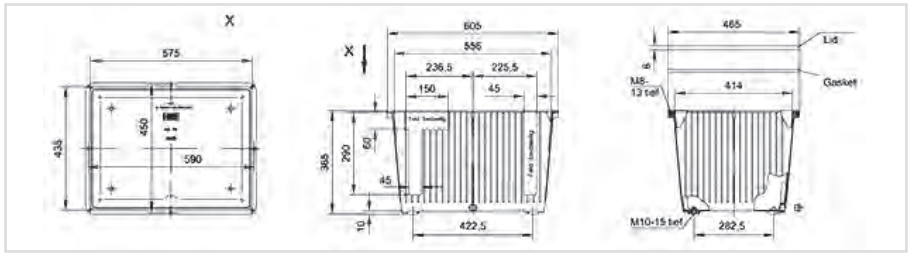



| PART NO. | ORDERING CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| AT 2020 | AB 44 | **Tank** Effective capacity approx. 401 • weight 10 kg • stackable" | £194.64 | € 262.76 |
| AT 2221 | SD 44 | **Steel lid** machined for mounting on the tank, otherwise unmochined, uniximed or completely machined occ. to customer's drawing | £51.32 | € 69.28 |
| AT 2241 | D 44 N8R | **Gasket** ø 6 mm N8R | £7.38 | € 9.96 |
| AT2263 | AS G1/2" | **Drain plug** | £3.54 | € 4.78 |
| AT2268 | G1/2" | **CU•Gasket** (21 x26 x2,5) | £0.83 | € 1.12 |
| AT2300 | F44 | **Aluminium feet Far AB 44** (Set-4 pcs.) | £10.29 | € 13.90 |
| FT8C401 | FT8C40 | **Filler** (metol)• 6 hole fixing | £8.34 | € 11.25 |
| FLI MI2 | FLIM12 | **Oil gauge*** 76mm x M12 | £8.39 | € 11.33 |
| FL2M12 | F12M12 | **Oil gauge** 127mm x MU | £9.21 | € 12.44 |
| FL3M12 | FL3M12 | **Oil gauge*** 254mm x M12 | £14.63 | € 19.75 |
| 2384 | LR 150 | **Castors** 150 mm* | | |

# ALUMINIUM OIL TANKS AB 70

www.flowfitonline.com
TECH. DATA SHEET
AOT01



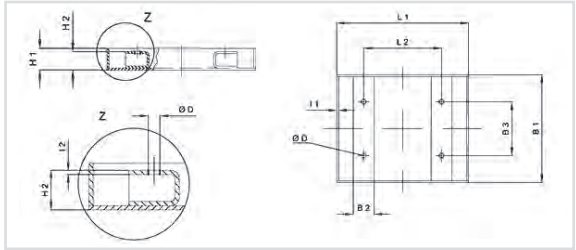



| PART NO. | ORDERING CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| AT2025 | AB 70 | **Tank** Effective capacity approx. 63 l • weight 12 kg • stackable | £253.64 | € 342.41 |
| AT2225 | SD 70 | **Steel lid** machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drowing | £54.22 | € 73.19 |
| AT2242 | D 70 NBR | **Gasket** ø 6 mm NBR 70° Shore | £7.92 | € 10.69 |
| AT2263 | AS G 1/2" | **Drain plug** | £3.54 | € 4.78 |
| AT2268 | G 1/2" | **CU Gasket** (21 x 26 x 2,5) | £0.83 | € 1.12 |
| AT2300 | F 70 | **Aluminium feet for AB 70** (Set = 4 pcs.) | £10.29 | € 13.90 |
| FT8C401 | FT8C40 | **Filler** (metal) 6 hole fixing | £8.34 | € 11.25 |
| FL1M12 | FL1M12 | **Oil gauge*** 76mm x M12 | £8.39 | € 11.33 |
| FL2M12 | FL2M12 | **Oil gauge** 127mm x M12 | £9.21 | € 12.44 |
| FL3M12 | FL3M12 | **Oil gauge** 254mm x M12 | £14.63 | € 19.75 |
| 2384 | LR 150 | **Castors** 150 mm* | | |

# OIL SUMPS FOR ALUMINIUM TANKS

www.flowfitonline.com
TECH. DATA SHEET
AOT01






**Ow 12- OW 70**

- Oil sumps for aluminium tanks AB 12 -AB 70
- Material ST 37 (olt. V2A/V4A)
- ST 37 sandblasted and grounded regarding oil resistance (mineral oil HL/HLP)
- Approved welding shop acc. to § 19.1 (WHO)

| PART NO. | TYPE | FOR | VOLUME | DIMENSIONS | | | | | | | | | | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $L_1$ | $L_2$ | $B_1$ | $B_2$ | $B_3$ | $H_1$ | $H_2$ | $t_1$ | $t_2$ | D | | |
| | | | | | | | | | | | | | | £ STERLING | € EUROS |
| OSAT1080 | OW 12 ST | AB 12 NR | 11,8 | 380 | 225 | 310 | 60 | 155 | 110 | 100 | 3 | 3 | 9,5 | £333.59 | € 450.35 |
| OSAT1081 | OW 20 ST | AB 20 | 201. | 570 | 270 | 350 | 60 | 192 | 110 | 100 | 3 | 3 | 9,5 | £339.31 | € 458.07 |
| OSAT1082 | OW 30 ST | AB 30 NR | 33 l. | 550 | 326 | 400 | 60 | 176 | 160 | 150 | 3 | 5 | 12 | £354.13 | € 478.08 |
| O5AT1083 | Ow 44 ST | AB 44 | 45L | 600 | 341 | 500 | 60 | 241 | 160 | 150 | 3 | 5 | 12 | £428.75 | € 578.82 |
| OSAT1084 | OW 70 ST | AB 70 | 63,51 | 730 | 422,5 | 580 | 60 | 282,5 | 160 | 150 | 3 | 5 | 12 | £448.53 | € 605.52 |

## HYDRAULIC TANKS

# HYDRAULIC TANKS COMPLETE WITH ACCESSORIES


| PRODUCT | PAGE |
|---|---|
| HYDRAULIC OIL TANK WITH TANK ACCESSORIES | 355 |
| FLOWFIT WELDLESS STEEL TANKS COMPLETE WITH ACCESSORIES | 357 |











QUALITY PRODUCTS

FREE ADVICE

FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

# 14L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

www.flowfitonline.com TECH. DATA SHEET TCWA1




14 Litre capacity tank kits supplied with tank,return line filter, level indicator, filler breather and drain plug along with all required nuts and bolts. All components are supplied loose and ready to assemble with all necessary holes pre-drilled on tank. Comes painted in black but available in grey primer if required.

**Tank:** 14 Litre capacity, constructed in steel plate, oil and rust proof pre – painted, gasket and drain plug.

**Dimensions:** Height 290mm/ Width 335mm/ Depth 270mm

**Tank top Filter:** 3/8", ports 15 l/min, 10 micron filter, aluminium cover and housing, steel bowl, Buna seals, c/w visual indicator. Max working pressure 8 bar, Testing pressure 12 bar, burst pressure 16 bar, Operating temperature -30°C to +80°C. (Supplied loose)

**Level and Temperature Indicator:** Hole centres 76mm, Bolt thread sizes M10 x 1.5 , Length 106mm. Width 36mm, Operating temperature -30 to +80˚c. Thermometer: double scale 0˚c to 100˚c, and 30˚f to 210˚f. Anodized aluminium frame with nylon face. (Supplied loose)

**Filler Breather:** Carbon steel, Basket and 500 micron, Filter air inlet element 10 micron. Mounting: 3 hole p.c.d 41mm (Supplied loose)

| PART NO. | TANK CAPACITY | TANK TOP FILTER | LEVEL INDICATOR | FILLER BREATHER | FINISH | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| HF12KIT | 14 LITRE | 3/8" PORT 15 L/MIN 10 MICRON | 76MM HOLE CENTRES | 3 HOLE PCD 10 MICRON | BLACK | £216.08 | € 291.70 |

# 22L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

www.flowfitonline.com TECH. DATA SHEET TCWA1




22 Litre capacity tank kits supplied with tank,return line filter, level indicator, filler breather and drain plug along with all required nuts and bolts. All components are supplied loose and ready to assemble with all necessary holes pre-drilled on tank. Comes painted in black but available in grey primer if required.

**Tank:** 22 Litre capacity, constructed in steel plate, oil and rust proof pre – painted, gasket and drain plug.

**Dimensions:** Height 305mm/ Width 410mm/ Depth 325mm

**Tank top Filter:** 3/8" ports, 15 l/min, 10 micron filter, aluminium cover and housing, steel bowl, Buna seals, c/w visual indicator. Max working pressure 8 bars, testing pressure 12 bar, burst pressure 16 bars, Operating temperature -30°C to +80°C. (Supplied loose)

**Level and Temperature Indicator:** Hole centres 76mm, Bolt thread sizes M10 x 1.5, Length 106mm. Width 36mm, Operating temperature -30°C to +80°C. Thermometer: double scale 0°C to 100°C, and 30°F to 210°F, Anodized aluminium frame with nylon face (Supplied loose)

**Filler Breather:** Carbon steel, Basket at 500 micron, Filter air inlet element 10 micron. Mounting: 3 hole p.c.d 41mm (Supplied loose)

| PART NO. | TANK CAPACITY | TANK TOP FILTER | LEVEL INDICATOR | FILLER BREATHER | FINISH | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| HF16KIT | 22 LITRE | 3/8" PORT 15 L/MIN 10 MICRON | 76MM HOLE CENTRES | 3 HOLE PCD 10 MICRON | BLACK | £242.32 | € 327.13 |

# 39L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

www.flowfitonline.com TECH. DATA SHEET TCWA1




39 Litre capacity tank kits supplied with tank,return line filter, level indicator, filler breather and drain plug along with all required nuts and bolts. All components are supplied loose and ready to assemble with all necessary holes pre-drilled on tank. Comes painted in black but available in grey primer if required.

**Tank:** 39 Litre capacity, constructed in steel plate, oil and rust proof pre – painted, gasket and drain plug.

Dimensions: Height 335mm/ Width 470mm/ Depth 365mm

**Tank top Filter:** 3/4", ports 35 l/min, 10 micron filter, aluminium cover and housing, steel bowl, Buna seals, c/w visual indicator. Max working pressure 8 bar, Testing pressure 12 bar, burst pressure 16 bar, Operating temperature -30°C to +80°C. (Supplied loose)

**Level and Temperature Indicator:** Hole centres 127mm, Bolt thread sizes M10 x 1.5 , Length 157mm. Width 36mm, Operating temperature -30°C to +80°C. Thermometer: double scale 0°C to 100°C, and 30°F to 210°F, Anodized aluminium frame with nylon face (Supplied loose)

**Filler Breather:** Carbon steel, Plastic Basket at 500 micron. Filter: air inlet element 40 micron, gasket rubberised cork, screws self tapping. Mounting: 6 hole p.c.d 70/73mm (Supplied loose)

| PART NO. | TANK CAPACITY | TANK TOP FILTER | LEVEL INDICATOR | FILLER BREATHER | FINISH | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| HF30KIT | 39 LITRE | 3/4" PORT 35 L/MIN 10 MICRON | 127MM HOLE CENTRES | 6 HOLE PCD 40 MICRON | BLACK | £306.77 | € 414.14 |

# 58L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

www.flowfitonline.com
TECH. DATA SHEET
TCWA1




58 Litre capacity tank kits supplied with tank,return line filter, level indicator, filler breather and drain plug along with all required nuts and bolts. All components are supplied loose and ready to assemble with all necessary holes pre-drilled on tank. Comes painted in black but available in grey primer if required.

**Tank:** 58 Litre capacity, constructed in steel plate, oil and rust proof pre – painted, gasket and drain plug.

**Dimensions:** Height 365mm/ Width 600mm/ Depth 470mm

**Tank top Filter:** 1/2", ports 35 l/min, 10 micron filter, aluminium cover and housing, steel bowl, Buna seals, c/w visual indicator. Max working pressure 8 bar, Testing pressure 12 bar, burst pressure 16 bar, Operating temperature -30°C to +80°C. (Supplied loose)

**Level and Temperature Indicator:** Hole centres 127mm, Bolt thread sizes M10 x 1.5 , Length 157mm. Width 36mm, Operating temperature -30°C to +80°C. Thermometer: double scale 0°C to 100°C, and 30°F to 210°F, Anodized aluminium frame with nylon face (Supplied loose)

**Filler Breather:** Carbon steel, Plastic Basket at 500 micron. Filter: air inlet element 40 micron, gasket rubberised cork, screws self tapping. Mounting: 6 hole p.c.d 70/73mm (Supplied loose)

| PART NO. | TANK CAPACITY | TANK TOP FILTER | LEVEL INDICATOR | FILLER BREATHER | FINISH | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| HF55KIT | 58 LITRE | 1/2" PORT 35 L/MIN 10 MICRON | 127MM HOLE CENTRES | 6 HOLE PCD 40 MICRON | BLACK | £316.38 | € 427.11 |

# 75L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

www.flowfitonline.com
TECH. DATA SHEET
TCWA1




75 Litre capacity tank kits supplied with tank,return line filter, level indicator, filler breather and drain plug along with all required nuts and bolts. All components are supplied loose and ready to assemble with all necessary holes pre-drilled on tank. Comes painted in black but available in grey primer if required.

**Tank:** 75 Litre capacity, constructed in steel plate, oil and rust proof pre – painted, gasket and drain plug, lid thickness 4mm

**Dimensions:** Height 455mm/ Width 600mm/ Depth 470mm

**Tank top Filter:** 3/4" ports 55 l/min, 10 micron filter, aluminium cover and housing, steel bowl, Buna seals, c/w visual indicator. Max working pressure 8 bar, Testing pressure 12 bar, burst pressure 16 bar, Operating temperature - 30°C to +80°C. (Supplied loose)

**Level and Temperature Indicator:** Hole centres 127mm, Bolt thread sizes M10 x 1.5 , Length 157mm. Width 36mm, Operating temperature -30°C to +80°C. Thermometer: double scale 0°C to 100°C, and 30°F to 210°F, Anodized aluminium frame with nylon face (Supplied loose)

**Filler Breather:** Carbon steel, Plastic Basket at 500 micron. Filter: air inlet element 40 micron, gasket rubberised cork, screws self tapping. Mounting: 6 hole p.c.d 73mm (Supplied loose)

| PART NO. | TANK CAPACITY | TANK TOP FILTER | LEVEL INDICATOR | FILLER BREATHER | FINISH | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| HF75KIT | 75 LITRE | 3/4" PORT 55 L/MIN 10 MICRON | 127MM HOLE CENTRES | 6 HOLE PCD 40 MICRON | BLACK | £393.78 | € 531.61 |

# 100L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

www.flowfitonline.com
TECH. DATA SHEET
TCWA1




100 Litre capacity tank kits supplied with tank,return line filter, level indicator, filler breather and drain plug along with all required nuts and bolts. All components are supplied loose and ready to assemble with all necessary holes pre-drilled on tank. Comes painted in black but available in grey primer if required.

**Tank:** 100 Litre capacity, constructed in steel plate, oil and rust proof pre – painted, gasket and drain plug, lid thickness 4mm

**Dimensions:** Height 505mm/ Width 675mm/ Depth 520mm

**Tank top Filter:** 1" ports, 65 l/min, 10 micron filter, aluminium cover and housing, steel bowl, Buna seals, c/w visual indicator. Max working pressure 8 bar, Testing pressure 12 bar, burst pressure 16 bar, Operating temperature -30°C to +80°C. (Supplied loose)

**Level and Temperature Indicator:** Hole centres 254mm, Bolt thread sizes M10 x 1.5 , Length 284mm. Width 36mm, Operating temperature -30°C to +80°C. Thermometer: double scale 0°C to 100°C, and 30°F to 210°F, Anodized aluminium frame with nylon face (Supplied loose)

**Filler Breather:** Carbon steel, Plastic Basket at 500 micron. Filter: air inlet element 40 micron, gasket rubberised cork, screws self tapping. Mounting: 6 hole p.c.d 73mm (Supplied loose)

| PART NO. | TANK CAPACITY | TANK TOP FILTER | LEVEL INDICATOR | FILLER BREATHER | FINISH | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| HF100KIT | 100 LITRE | 1" PORT 65 L/MIN 10 MICRON | 254MM HOLE CENTRES | 6 HOLE PCD 40 MICRON | BLACK | £455.01 | € 614.27 |

# 165L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

www.flowfitonline.com
TECH. DATA SHEET
TCWA1




165 Litre capacity tank kits supplied with tank,return line filter, level indicator, filler breather and drain plug along with all required nuts and bolts. All components are supplied loose and ready to assemble with all necessary holes pre-drilled on tank. Comes painted in black but available in grey primer if required.

**Tank:** 165 Litre capacity, constructed in steel plate, oil and rust proof pre – painted, gasket and drain plug, lid thickness 4mm

**Dimensions:** Height 555mm/ Width 805mm/ Depth 620mm

**Tank top Filter:** 1", ports 65 l/min, 10 micron filter, aluminium cover and housing, steel bowl, Buna seals, c/w visual indicator. Max working pressure 8 bar, Testing pressure 12 bar, burst pressure 16 bar, Operating temperature -30°C to +80°C. (Supplied loose)

**Level and Temperature Indicator:** Hole centres 254mm, Bolt thread sizes M10 x 1.5 , Length 284mm. Width 36mm, Operating temperature -30°C to +80°C. (Supplied loose)

**Thermometer:** Double scale 0°C to 100°C, and 30°F to 210°F, Anodized aluminium frame with nylon face

**Filler Breather:** Carbon steel, Plastic Basket at 500 micron. Filter: air inlet element 40 micron, gasket rubberised cork, screws self tapping. Mounting: 6 hole p.c.d 70/73mm (Supplied loose)

| PART NO. | TANK CAPACITY | TANK TOP FILTER | LEVEL INDICATOR | FILLER BREATHER | FINISH | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| HF180KIT | 165 LITRE | 1"PORT 65 L/MIN 10 MICRON | 254MM HOLE CENTRES | 6 HOLE PCD 40 MICRON | BLACK | £554.16 | € 748.12 |

# FLOWFIT WELDLESS STEEL TANKS COMPLETE WITH ACCESSORIES

www.flowfitonline.com
TECH. DATA SHEET
TCWA1



## HYDRAULIC TANKS COMPLETE WITH ACCESSORIES

Hydraulic tank kits supplied with tank top return line filter 10 micron c/w visual indicator, level indicator, filler breather along with all required nuts and bolts to specification as shown in part number descrption below.

All components are supplied loose and ready to assemble with all necessary holes pre-drilled on tank.

| PART NO | TANK CAPACITY | RETURN LINE FILTER | LEVEL INDICATOR CENTRES | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| FFT6KIT | 6 Litre | 1/2" Port 16 L/min | 76mm | £57.15 | € 77.16 |
| FFT12KIT | 12 Litre | 1/2" Port 16 L/min | 76mm | £65.49 | € 88.41 |
| FFT25KIT | 25 Litre | 3/8" Port 15 L/min | 76mm | £94.07 | € 126.99 |
| FFT40KIT | 40 Litre | 3/4" Port 55 L/min | 127mm | £110.73 | € 149.49 |
| FFT70KIT | 70 Litre | 3/4" Port 55 L/min | 127mm | £141.70 | € 191.29 |
| FFT100KIT | 100 Litre | 1" Port 65 L/min | 127mm | £173.85 | € 234.68 |
| FFT160KIT | 160 Litre | 3/4" Port 55 L/min | 254mm | £219.09 | € 295.77 |



## HYDRAULIC PRIMED TANKS COMPLETE WITH ACCESSORIES

www.flowfitonline.com
TECH. DATA SHEET
PTCWA1

Hydraulic tank kits supplied with tank, return line filter, level indicator, filler breather along with all required nuts and bolts to specification as shown in part number description below.

All components are supplied loose and ready to assemble with all necessary holes pre-drilled on tank.

Comes painted in black but available in grey primer if required.

| PART NO | TANK CAPACITY | RETURN LINE FILTER | LEVEL INDICATOR CENTRES | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| FFT6KIT-P | 6 Litre | 1/2" Port 16 L/min | 76mm | £57.15 | € 77.16 |
| FFT12KIT-P | 12 Litre | 1/2" Port 16 L/min | 76mm | £65.49 | € 88.41 |
| FFT25KIT-P | 25 Litre | 3/8" Port 15 L/min | 76mm | £94.07 | € 126.99 |
| FFT40KIT-P | 40 Litre | 3/4" Port 55 L/min | 127mm | £110.73 | € 149.49 |
| FFT70KIT-P | 70 Litre | 3/4" Port 55 L/min | 127mm | £141.70 | € 191.29 |
| FFT100KIT-P | 100 Litre | 1" Port 65 L/min | 127mm | £173.85 | € 234.68 |
| FFT160KIT-P | 160 Litre | 3/4" Port 55 L/min | 254mm | £219.09 | € 295.77 |

## HYDRAULIC TANKS

# STEEL & STAINLESS STEEL OIL TANKS


| PRODUCT | PAGE |
|---|---|
| HF SERIES STEEL TANKS | 359 |
| SS SERIES 304 STAINLESS STEEL TANK | 359 |
| TOP QUALITY • TOP OF THE RANGE DIN24339 HEAVY DUTY • HIGH SPECIFICATION TANKS | 359 |




FROM ONLY £507.59 +VAT



FROM ONLY £89.79 +VAT

QUALITY PRODUCTS

FREE ADVICE

FLOWFIT FREE SYSTEM EVALUATION
Send us your requirements and we will do the rest

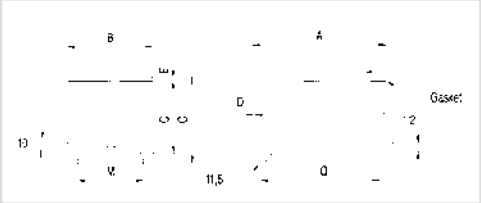
# HYDRAULIC TANKS

**Cost effective HF Range standard hydraulic tanks**

## HF SERIES STEEL TANKS

www.flowfitonline.com
TECH. DATA SHEET
SSS01






- Each Tank as standard comes complete with lids, bolts, gasket and drain plug.
- Standard finish is grey primer.

**Extras can be added on request:**

- Filler breather, sight level gauge and bell housing mounting holes.
- Finishes available include colour matching, power coating.

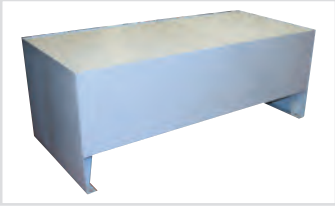
| ORDER CODE | CAPACITY LITRES | LENGTH A | WIDTH B | HEIGHT C | THICKNESS (TANK) D | THICKNESS (LID) E | HOLE CTRS M | HEIGHT O | HOLE CTRS Q | WEIGHT KG | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| HF12 | 14 | 335 | 270 | 235 | 3 | 4 | 208 | 290 | 285 | 16 | £89.79 | € 121.21 |
| HF16 | 22 | 410 | 325 | 250 | 3 | 4 | 270 | 305 | 364 | 20 | £108.95 | € 147.09 |
| HF30 | 39 | 470 | 375 | 280 | 3 | 4 | 312 | 335 | 428 | 28 | £148.73 | € 200.77 |
| HF55 | 58 | 600 | 470 | 310 | 3 | 4 | 401 | 365 | 548 | 38 | £198.23 | € 267.62 |
| HF75 | 75 | 600 | 470 | 400 | 3 | 4 | 401 | 455 | 548 | 45 | £227.48 | € 307.10 |
| HF100 | 100 | 675 | 520 | 450 | 3 | 5 | 455 | 505 | 625 | 55 | £274.83 | € 371.01 |
| HF180 | 165 | 805 | 620 | 500 | 3 | 5 | 555 | 555 | 755 | 70 | £368.37 | € 497.30 |

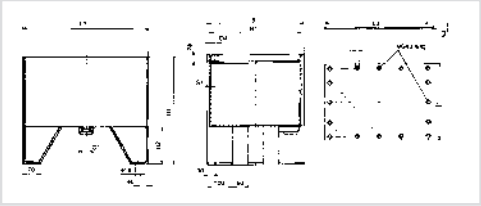
## SS SERIES 304 STAINLESS STEEL TANK

| ORDER CODE | CAPACITY LITRES | LENGTH A | WIDTH B | HEIGHT C | THICKNESS (TANK) D | THICKNESS (LID) E | HOLE CTRS M | HEIGHT O | HOLE CTRS Q | WEIGHT KG | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| SS12 | 14 | 335 | 270 | 235 | 3 | 4 | 208 | 290 | 285 | 16 | £416.05 | € 561.68 |
| SS16 | 22 | 410 | 325 | 250 | 3 | 4 | 270 | 305 | 364 | 20 | £456.94 | € 616.86 |
| SS30 | 39 | 470 | 375 | 280 | 3 | 4 | 312 | 335 | 428 | 28 | £507.05 | € 684.51 |
| SS55 | 58 | 600 | 470 | 310 | 3 | 4 | 401 | 365 | 548 | 38 | £637.88 | € 861.13 |
| SS75 | 75 | 600 | 470 | 400 | 3 | 4 | 401 | 455 | 548 | 45 | £725.40 | € 979.30 |
| SS100 | 100 | 675 | 520 | 450 | 3 | 4 | 455 | 505 | 625 | 55 | £742.79 | € 1,002.77 |
| SS180 | 165 | 805 | 620 | 500 | 3 | 4 | 555 | 555 | 755 | 70 | £915.45 | € 1,235.87 |

## TOP QUALITY • TOP OF THE RANGE DIN24339 HEAVY DUTY • HIGH SPECIFICATION TANKS

www.flowfitonline.com
TECH. DATA SHEET
SSS02





- 200 – 20,000 Litres Capacity
- Constructed in Steel Plate
- Oil and Rust Proof
- Gasket and Drain Plug Supplied

| ORDER CODE | CAPACITY LITRES | WEIGHT KG | L1 | A | B1 | H1 | H2 | D4 | S1 | L3 | B2 | D5 | S2 | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ STERLING | € EUROS |
| HFSS200 | 200 | 98 | 900 | 654 | 640 | 560 | 150 | M10 | 4 | 888 | 628 | 12 | 6 | £507.58 | € 685.23 |
| HFSS250 | 250 | 110 | 1010 | 704 | 690 | 580 | 150 | M10 | 4 | 998 | 678 | 12 | 7 | £690.29 | € 931.89 |
| HFSS300 | 300 | 150 | 1150 | 714 | 700 | 580 | 150 | M10 | 4 | 1138 | 688 | 12 | 7 | £824.34 | € 1,112.85 |
| HFSS400 | 400 | 190 | 1514 | 749 | 735 | 580 | 150 | M10 | 4 | 1500 | 720 | 14 | 8 | £1,279.91 | € 1,727.88 |
| HFSS630 | 630 | 285 | 1514 | 959 | 945 | 770 | 250 | M10 | 4 | 1500 | 930 | 14 | 10 | £1,548.72 | € 2,090.76 |
| HFSS800 | 800 | 350 | 2014 | 914 | 900 | 770 | 250 | M12 | 5 | 2000 | 880 | 14 | 10 | £1,816.60 | € 2,452.41 |
| HFSS1000 | 1000 | 420 | 2014 | 1079 | 1065 | 800 | 250 | M12 | 5 | 2000 | 1045 | 14 | 10 | £2,484.45 | € 3,354.02 |
| HFSS1250 | 1250 | 540 | 2014 | 1349 | 1335 | 800 | 250 | M12 | 5 | 2000 | 1315 | 14 | 10 | £2,532.41 | € 3,418.74 |
| HFSS1500 | 1500 | 650 | 2014 | 1444 | 1430 | 850 | 250 | M12 | 5 | 2000 | 1410 | 18 | 10 | £2,358.50 | € 3,183.98 |
| HFSS2000 | 2000 | 800 | 2314 | 1564 | 1550 | 900 | 250 | M12 | 6 | 2296 | 1528 | 18 | 10 | £3,045.62 | € 4,111.58 |

## HYDRAULIC TANKS

# TANK HEATERS


| PRODUCT | PAGE |
|---|---|
| VR IMMERSION HEATERS WITH MAGNETIC CLAMPS | 361 |
| CARTRIDGE SCREWED-IN HEATERS | 362 |
| CARTRIDGE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT | 363 |
| RHK-TUBE SCREWED-IN HEATERS | 364 |
| RHK-TH-TUBE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT | 364 |











QUALITY PRODUCTS

FREE ADVICE

FLOWFIT 24 HOUR DELIVERY

# TANK HEATERS

www.flowfitonline.com
TECH. DATA SHEET
TH01

- Standard devices of 0.25 kW-5 kW available
- Devices for •protection and special devices on request
- A calculation programme for determination of the required tank hooter is available

**FIELD OF APPLICATION**

Preheating of hydraulic oil on mineral basis for o fast reaching of the operating temperature at hydraulic units.
The optimum viscosity decreases the wear of the hydraulic components.

## VR



Immersion hooters with magnetic clomp, no mounting effort, ideal solution to retrofit existing installations. Protection IP 68. Integrated thermostat with switch-off temperature 40°C (standard).

## PTHK 90



Cartridge screwed•in tank heater with tube insert. Protection IP 65. This type of heating insert con be changed without evacuation of the oil tank. Screwed thread G 1 1/2' and G 2'.

## PTHK 91 TH



Cartridge screwed-in tank heater with temperature adjustment, external or internal regulation. Standard adjustable 0°C up to 85°C. Protection IP 54. This type of heating insert can be changed without evacuation of the oil tank. Screwed thread G 2".

## RHK



Tube scrowed•in heater, protection IP 54. Screwed thread G 1 1/2'.

## RHK-TH

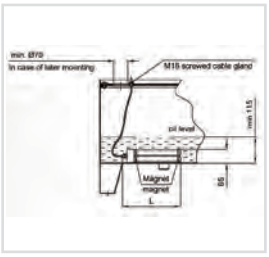


Tube screwed-in heater with temperature adjustment, external or internal regulation. Standard adjustable 0° C up to 85°. Protection IP 54. Screwed thread G 1 1/2'.

# VR IMMERSION HEATERS WITH MAGNETIC CLAMPS

www.flowfitonline.com
TECH. DATA SHEET
TH02






- For preheating of hydraulic oil
- No mounting effort, ideal solution to retrofit existing installations
- Horizontal or vertical arrangement, low minimum oil level
- Medium touched pieces stainless steel (14571), brass and plastics respectively
- Welded type
- Magnetic clomps for fixing at tank bottom/partition wall
- Protection 1P68
- Integrated thermostot with switch•off temperature 40°C (standard)
- Integrated temperature limiter
- Surface charge: 1.2 W/cm2 for HIP
  0.6 W/cm2 for HFA/HFC/HFD-11

**CONSTRUCTION/MATERIALS**

- Heating elements protected by tubes mode of stainless steel (14571)
- Coble connection mode of brass
- Three-pole plastic cable, length 4m, with screwed cable gland MI6 resistant to mineral oil, vegetable oil and lubricants as well as HFA and HFC liquids

**MOUNTING**

Insert the hooter either horizontally to the bottom or vertically towards the tank wall. Fixation by magnetic clomp. The cable must be led outside above the oil level, e.g. through the cover and fixed of the tank or the cover by a screwed cable gland M16. During operation the tank heater must be covered by at least 15 mm of the medium, otherwise the medium and/or the heater might be damaged or destroyed. In case of retrofitting, the opening of the tank cover which the hooter is led through, must amount to 70 mm at least. On no account it should be hung up on the connection cable. Additionally a 'gathering' of iron particles in the tank will be achieved by the integrated magnetic clomps.

| PART NO. | TYPE | POWER | L+ (MM) | VOLTAGE | W/cm² | THERMOSTAT | £ STERLING | € EUROS |
|---|---|---|---|---|---|---|---|---|
| TH1955 | VR 125 W/0,6• M | 125 | 200 | 230 V/AC | 0,6 HFA/HFC/HFD.R | Switch-off temperature 40˚c (Standard) | £549.15 | € 741.36 |
| TH1956 | VR 250 W/0,6•M | 250 | 300 | 230 V/AC | 0,6 HFA/HFC/HFD.R | | £582.04 | € 785.76 |
| TH1957 | VR 500 W/0,6•M | 500 | 500 | 230 V/AC | 0,6 HFA/HFC/HFD•R | | £614.67 | € 829.81 |
| TH1960 | VR 250 W/1,2•M | 250 | 200 | 230 V/AC | 1,2 HIP | | £549.15 | € 741.36 |
| TH1961 | VR 500 W/1,2•M | 500 | 300 | 230 V/AC | 1,2 HLP | | £581.86 | € 785.51 |
| TH1962 | VR 1000 W/1,2-M | 1000 | 500 | 230 V/AC | 1,2 HLP | | £614.67 | € 829.81 |

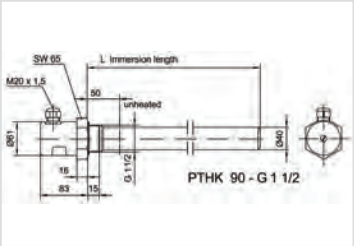
•Special designs on request
•Accesssories on request
•Protection tube for supply pipe

•Indicator heating process/ disturbance in external case

# CARTRIDGE SCREWED-IN HEATERS

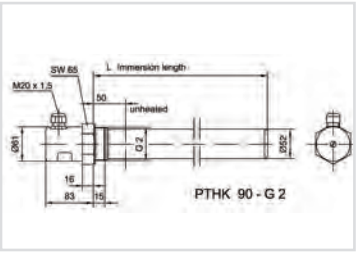
www.flowfitonline.com
TECH. DATA SHEET
TH03






- Cartridge heaters for preheating of hydraulic oil
- Exchangeable ceramic heating insert (mounting/dismounting possible without evacuation of oil)
- Bright galvanized steel cop
- For horizontal mounting under oil level
- Material: Steel (further materials on request)
- Surface charge 1.5 W/cm2for hydroulic oils
- Protection IP 65
- Wiring schemes for different mains voltages on request

| PART NO. | TYPE | POWER | L+ (MM) | VOLTAGE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| TH1705 | PTHK 90-G 1 1/2” | 400 | 200 | In case of order please specify:<br>Variation 1: 1 x 230 V<br>Variation 2: 2 x 380 V<br>Variation 3: 3 x 380 V<br>Variation 4: 2 x 400 V<br>Variation 5: 3 x 400 V | £287.84 | € 388.58 |
| TH1707 | | 600 | 300 | | £297.97 | € 402.26 |
| TH1709 | | 800 | 400 | | £304.20 | € 410.68 |
| TH1711 | | 1000 | 500 | | £315.12 | € 425.42 |
| TH1713 | | 1200 | 600 | | £321.39 | € 433.87 |
| TH1715 | | 1400 | 700 | | £331.52 | € 447.54 |
| TH1717 | | 1600 | 800 | | £340.10 | € 459.13 |
| TH1719 | | 1800 | 900 | | £354.13 | € 478.08 |
| TH1721 | | 2000 | 1000 | | £368.18 | € 497.05 |
| TH1723 | | 2200 | 1100 | | £383.79 | € 518.12 |
| TH1725 | | 2400 | 1200 | | £392.36 | € 529.70 |
| TH1727 | | 2800 | 1400 | | £409.54 | € 552.87 |
| TH1729 | | 3200 | 1600 | | £462.56 | € 624.46 |
| TH1731 | | 3600 | 1800 | | £491.43 | € 663.43 |
| TH1733 | | 4000 | 2000 | | £529.64 | € 715.02 |



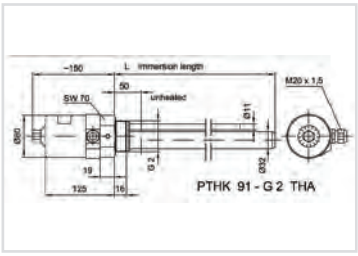

| PART NO. | TYPE | POWER | L+ (MM) | VOLTAGE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| TH1750 | PTHK 90-G 2” | 500 | 200 | In case of order please specify:<br>Variation 1: 1 x 230 V<br>Variation 2: 2 x 380 V<br>Variation 3: 3 x 380 V<br>Variation 4: 2 x 400 V<br>Variation 5: 3 x 400 V | £301.88 | € 407.54 |
| TH1752 | | 750 | 300 | | £312.02 | € 421.23 |
| TH1754 | | 1000 | 400 | | £322.94 | € 435.97 |
| TH1756 | | 1250 | 500 | | £347.12 | € 468.61 |
| TH1758 | | 1450 | 600 | | £379.88 | € 512.84 |
| TH1760 | | 1700 | 700 | | £400.15 | € 540.21 |
| TH1762 | | 1950 | 800 | | £418.89 | € 565.50 |
| TH1764 | | 2200 | 900 | | £448.52 | € 605.50 |
| TH1766 | | 2450 | 1000 | | £464.12 | € 626.56 |
| TH 1768 | | 2700 | 1100 | | £496.10 | € 669.74 |
| TH1770 | | 2950 | 1200 | | £521.06 | € 703.44 |
| TH1772 | | 3450 | 1400 | | £537.46 | € 725.57 |
| TH1774 | | 3900 | 1600 | | £610.01 | € 823.50 |
| TH1776 | | 4400 | 1800 | | £649.78 | € 877.21 |
| TH1778 | | 4900 | 2000 | | £706.72 | € 954.07 |

| PART NO. | VARIATION | VOLTAGE |
|---|---|---|
| 1760 | PTHK 90-G 2 | 2 X 380 V |

# CARTRIDGE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT

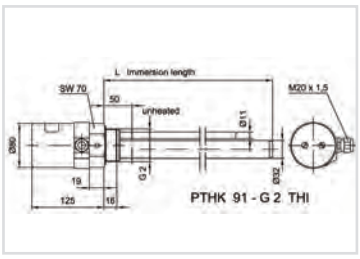
www.flowfitonline.com
TECH. DATA SHEET
TH04






- Cartridge heaters for preheating of hydraulic oil
- Temperature adjustment for internal (THI) and external regulation (THA), single-pole 0°-85°C, 16 amp
- Exchangeable ceramic heating insert (mounting/dismounting possible without evacuation of oil)
- Bright galvanized steel cap
- For horizontal mounting under oil level
- Material: Steel (further materials on request)
- Surface charge 1.5 W/cm7for hydraulic oils
- Protection IP 54
- Wiring schemes for different mains voltages on request

| PART NO. | TYPE | POWER | L+ (MM) | VOLTAGE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| TH 1800 | PTHK 91-G 2" THA (external regulation) | 450 | 300 | In case of order please specify: Variation 1: 1 x 230 V Variation 2: 2 x 380 V Variation 3: 3 x 380 V Variation 4: 2 x 400 V Variation 5: 3 x 400 V | £713.74 | € 963.54 |
| TH 1802 | | 600 | 400 | | £722.31 | € 975.12 |
| TH 1804 | | 750 | 500 | | £731.69 | € 987.78 |
| TH 1806 | | 900 | 600 | | £741.04 | € 1,000.41 |
| TH 1808 | | 1050 | 700 | | £751.17 | € 1,014.09 |
| TH 1810 | | 1200 | 800 | | £760.54 | € 1,026.72 |
| TH 1812 | | 1350 | 900 | | £768.34 | € 1,037.26 |
| TH 1814 | | 1500 | 1000 | | £776.13 | € 1,047.78 |
| TH 1816 | | 1580 | 1100 | | £782.60 | € 1,056.51 |
| TH 1818 | | 1730 | 1200 | | £794.09 | € 1,072.03 |
| TH 1820 | | 1880 | 1300 | | £800.32 | € 1,080.43 |
| TH 1822 | | 2030 | 1400 | | £809.69 | € 1,093.08 |
| TH 1824 | | 2180 | 1500 | | £816.71 | € 1,102.55 |
| TH 1826 | | 2330 | 1600 | | £825.29 | € 1,114.14 |



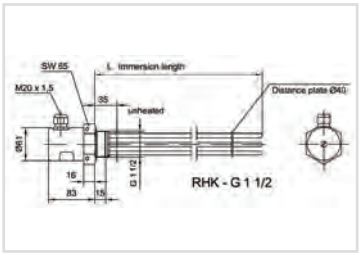

| PART NO. | TYPE | POWER | L+ (MM) | VOLTAGE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| TH 1801 | PTHK 91-G 2" THI (external regulation) | 450 | 300 | In case of order please specify: Variation 1: 1 x 230 V Variation 2: 2 x 380 V Variation 3: 3 x 380 V Variation 4: 2 x 400 V Variation 5: 3 x 400 V | £753.52 | € 1,017.25 |
| TH1803 | | 600 | 400 | | £762.89 | € 1,029.90 |
| TH 1805 | | 750 | 500 | | £769.91 | € 1,039.37 |
| TH1807 | | 900 | 600 | | £778.50 | € 1,050.96 |
| TH 1809 | | 1050 | 700 | | £791.75 | € 1,068.85 |
| TH1811 | | 1200 | 800 | | £798.76 | € 1,078.32 |
| TH1813 | | 1350 | 900 | | £806.55 | € 1,088.86 |
| TH1815 | | 1500 | 1000 | | £815.92 | € 1,101.48 |
| TH1817 | | 1580 | 1100 | | £825.29 | € 1,114.14 |
| TH1819 | | 1730 | 1200 | | £833.08 | € 1,124.66 |
| TH1821 | | 1880 | 1300 | | £840.89 | € 1,135.19 |
| TH1823 | | 2030 | 1400 | | £848.69 | € 1,145.73 |
| TH1825 | | 2180 | 1500 | | £856.48 | € 1,156.26 |
| TH 1827 | | 2330 | 1600 | | £867.40 | € 1,170.99 |

| PART NO. | VARIATION | VOLTAGE |
|---|---|---|
| 1808 | PTHK 91-G 2 THA | 2 X 380 V |

# RHK-TUBE SCREWED-IN HEATERS

www.flowfitonline.com
TECH. DATA SHEET
TH05






- Tube screwed-in heater for preheating of hydraulic oil
- Bright galvanized steel cop
- For horizontal mounting under oil level
- Material: Steel (further materials on request)
- Surface charge 1.5 W/cm2for hydraulic oils
- Protection IP 65
- Wiring schemes for different mains voltages on request

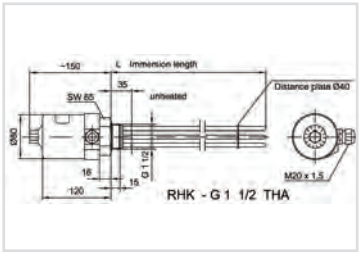
| PART NO. | TYPE | POWER | L+ (MM) | VOLTAGE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| TH1830 | RHK-G 1 1/2" | 380 | 200 | In case of order please specify:<br>Variation 1: 1 x 230 V<br>Variation 2: 2 x 380 V<br>Variation 3: 3 x 380 V<br>Variation 4: 2 x 400 V<br>Variation 5: 3 x 400 V | £205.93 | € 278.01 |
| TH1832 | | 500 | 250 | | £218.42 | € 294.86 |
| TH1834 | | 750 | 350 | | £239.48 | € 323.30 |
| TH1836 | | 990 | 450 | | £262.11 | € 353.84 |
| TH1838 | | 1450 | 650 | | £305.00 | € 411.75 |
| TH1840 | | 1825 | 800 | | £339.31 | € 458.07 |
| TH1842 | | 2300 | 1000 | | £385.34 | € 520.21 |

| PART NO. | VARIATION | VOLTAGE |
|---|---|---|
| 1832 | RHK-G 1 1/2 | 2 X 380 V |

# RHK-TH-TUBE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT

www.flowfitonline.com
TECH. DATA SHEET
TH06

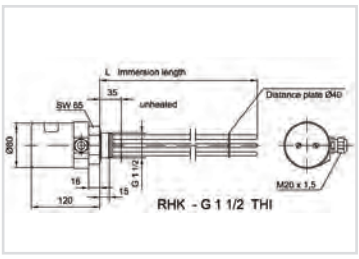





- Tube screwed-in heater for preheoting of hydraulic oil
- Temperature adjustment for internal (THI) and externol regulation (THA), single-pole 0.85°C, 16 amp
- Bright galvanized steel cop
- For horizontal mounting under oil level
- Material: Steel (further materials on request)
- Surface charge 1.5 W/cm2 for hydraulic oils
- Protection IP 54
- Wiring schemes for different mains voltages on request

| PART NO. | TYPE | POWER | L+ (MM) | VOLTAGE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| TH1860 | RHK-G 1 1/2" THA (external regulation) | 380 | 200 | In case of order please specify:<br>Variation 1: 1 x 230 V<br>Variation 2: 2 x 380 V<br>Variation 3: 3 x 380 V<br>Variation 4: 2 x 400 V<br>Variation 5: 3 x 400 V | £429.80 | € 580.23 |
| TH1862 | | 500 | 250 | | £442.28 | € 597.08 |
| TH1864 | | 750 | 350 | | £464.12 | € 626.56 |
| TH1866 | | 990 | 450 | | £486.75 | € 657.10 |
| TH1868 | | 1460 | 650 | | £530.43 | € 716.08 |
| TH1870 | | 1825 | 800 | | £561.62 | € 758.19 |
| TH1872 | | 2300 | 1000 | | £607.65 | € 820.34 |

continued on next page




| PART NO. | TYPE | POWER | L+ (MM) | VOLTAGE | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| TH1861 | RHK-G 1 1/2" THI (external regulation) | 380 | 200 | In case of order please specify: Variation 1: 1 x 230 V Variation 2: 2 x 380 V Variation 3: 3 x 380 V Variation 4: 2 x 400 V Variation 5: 3 x 400 V | £470.36 | € 634.99 |
| TH1863 | | 500 | 250 | | £479.71 | € 647.62 |
| TH1865 | | 750 | 350 | | £503.91 | € 680.27 |
| TH1867 | | 990 | 450 | | £523.41 | € 706.60 |
| TH1869 | | 1460 | 650 | | £568.65 | € 767.69 |
| TH1871 | | 1825 | 800 | | £600.63 | € 810.85 |
| TH1873 | | 2300 | 1000 | | £647.44 | € 874.03 |

| PART NO. | VARIATION | VOLTAGE |
|---|---|---|
| 1862 | RHK G 1 1/2 THA | 2 X 380 V |



# Flowfit is now an official UK distributor for White Drive Products

FLOWFIT®

WHITE DRIVE PRODUCTS

## We now have Whites Hydraulic motors available on our website from

# £71.43 Ex VAT



Flowfit are pleased to announce their recent appointment as a UK Official Distributor for White Drive Products. Hydraulic products include light duty, medium duty and heavy duty hydraulic orbital motors, brakes, steering units, hydraulic flow dividers and hydraulic piston pumps. Please do not hesitate to contact us for your White Drive Product enquiries where our technical team will be more than happy to assist.

Telephone: **+44 (0)1584 876 033**
Fax: **+44 (0)1584 876 044**
Email: **sales@flowfitonline.com**

# www.flowfitonline.com

## FILTREC FILTERS

# FILTREC TECHNICAL FILTRATION


| PRODUCT | PAGE |
|---|---|
| FILTREC RETURN LINE FILTERS | 368 |
| FILTREC TANK TOP RETURN LINE FILTERS | 369 |
| FILTREC LOW PRESSURE INLINE FILTER | 375 |
| FILTREC SUCTION LINE FILTERS | 376 |
| FILTREC SUCTION STRAINERS | 377 |
| FILTREC SUCTION FILTERS | 378 |
| FILTREC MEDIUM PRESSURE FILTERS | 379 |
| FILTREC HIGH PRESSURE FILTERS | 382 |











**QUALITY PRODUCTS**

**FREE ADVICE**

If the part number needed is not listed please ask the Flowfit Sales Team

# FILTREC RETURN LINE FILTERS

## IN-LINE RETURN FILTERS FA-1

FILTREC Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF01




**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** In line low-pressure spin-on filter assemblies, suction and return lines.

**Max flow rate:** 300 l/min (79 gpm)

**Max working pressure:** As per NFPA T 3.10.17: 12 Bar (175 psi)

**Test pressure:** As per NFPA T 3.10.17: 15 Bar (217.5 psi)

**Burst pressure:** As per NFPA T 3.10.17: 20 Bar (290 psi)

**Connection Ports:** BSP

**By-pass setting:** suction line 0,25 Bar (3.6 psi) return line 1,7 Bar (24.6 psi)

**Indicator:** Visual and electrical

**Working temperature:** 25°C +120°C (-13°F +248°F)

**Materials:** •Head: aluminium
•Housing: carbon steel
•Seal: Buna-N

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter media:** Microglass fiber 3,6,10,25 pm
Cellulose 10,25 µm
Wire mesh 60, 125 /µm

**Collapse pressure:** as per ISO 2941: 4 Bar (58 psi)

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **SUPPLIED WITH VACUUM GAUGE INDICATOR AND BYPASS VALVE** | | | | | | | | |
| **10 MICRON CELLULOSE** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004770 | FA-1-10-C10-B4-R-R1 | 3/4" BSP | 70 L/MIN | £21.63 | € 29.21 | A110C10 | £9.02 | € 12.17 |
| ZZ004771 | FA-1-11-C10-B4-R-R1 | 3/4" BSP | 75 L/MIN | £36.67 | € 49.50 | A111C10 | £15.63 | € 21.09 |
| ZZ004772 | FA-1-20-C10-B6-R-R1 | 1 1/4" BSP | 130 L/MIN | £45.08 | € 60.86 | A120C10 | £13.22 | € 17.85 |
| ZZ004773 | FA-1-21-C10-B6-R-R1 | 1 1/4" BSP | 150 L/MIN | £46.88 | € 63.29 | A121C10 | £22.84 | € 30.83 |
| ZZ004774 | FA-1-30-C10-B7-R-R1 * 2 elements | 1 1/2" BSP | 300 L/MIN | £59.50 | € 80.33 | A120C10 | £13.22 | € 17.85 |
| ZZ004775 | FA-1-31-C10-B7-R-R1 * 2 elements | 1 1/2" BSP | 310 L/MIN | £72.12 | € 97.36 | A121C10 | £22.84 | € 30.83 |
| ZZ004776 | FA-1-40-C10-B7-R-R1 * 2 elements | 1 1/2" BSP | 300 L/MIN | £138.24 | € 186.61 | A120C10 | £13.22 | € 17.85 |
| **25 MICRON CELLULOSE** | | | | | | | | |
| ZZ004777 | FA-1-10-C25-B4-R-R1 | 3/4" BSP | 75 L/MIN | £21.63 | € 29.21 | A110C25 | £9.02 | € 12.17 |
| ZZ004778 | FA-1-11-C25-B4-R-R1 | 3/4" BSP | 80 L/MIN | £36.67 | € 49.50 | A111C25 | £15.63 | € 21.09 |
| ZZ004779 | FA-1-20-C25-B6-R-R1 | 1 1/4" BSP | 170 L/MIN | £45.08 | € 60.86 | A120C25 | £13.22 | € 17.85 |
| ZZ004780 | FA-1-21-C25-B6-R-R1 | 1 1/4" BSP | 190 L/MIN | £46.88 | € 63.29 | A121C25 | £22.84 | € 30.83 |
| ZZ004781 | FA-1-30-C25-B7-R-R1 * 2 elements | 1 1/2" BSP | 320 L/MIN | £59.50 | € 80.33 | A120C25 | £13.22 | € 17.85 |
| ZZ004782 | FA-1-31-C25-B7-R-R1 * 2 elements | 1 1/2" BSP | 340 L/MIN | £72.12 | € 97.36 | A121C25 | £22.84 | € 30.83 |
| ZZ004783 | FA-1-40-C25-B7-R-R1 * 2 elements | 1 1/2" BSP | 320 L/MIN | £138.24 | € 186.61 | A120C25 | £13.22 | € 17.85 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| INDICATORS | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| R2 Pressure switch 1.3 Bar setting O.C (18.85 Psi) | £15.87 | € 21.42 |
| R3 Pressure switch 1.3 Bar setting C.C (18.85 Psi) | £15.63 | € 21.09 |
| R4 Pressure switch 1.3 Bar setting (18.85 Psi) | £57.12 | € 77.11 |
| R6 Visual pressure 1.2 Bar setting (17.4 Psi) | £19.62 | € 26.48 |
| R7 Pressure/vacuum gauge -1+5 Bar setting (-14.5+72.5Psi) | £5.49 | € 7.41 |
| Z1 Differential visual switch 1.3 Bar setting (18.85 Psi) - FA-1-30/31 only | £26.83 | € 36.22 |
| Z2 Differential electric visual switch 1.3 Bar setting (18.85 Psi) - FA-1-30/31 only | £36.94 | € 49.86 |
| Z15 Differential visual switch 1.3 Bar setting (18.85 Psi) - FA-1-40/41 only | £26.83 | € 36.22 |
| Z16 Differential electric visual switch 1.3 Bar setting (18.85 Psi) - FA-1-40/41 only | £36.94 | € 49.86 |
| Z20 Differential visual switch 1.3 Bar setting (18.85 Psi) - FA-1-20/21 only | £15.00 | € 20.25 |
| Z21 Differential electric switch 1.3 Bar setting (18.85 Psi) - FA-1-20/21 only | £12.41 | € 16.75 |

# FILTREC TANK TOP RETURN LINE FILTERS

## TANK TOP RETURN SPIN-ON FILTERS FA-2

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF02




**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** Tank top return line spin-on filter assemblies.

**Max flow rate:** 150 l/min (40 gpm)

**Max working pressure:** As per NFPA T 3.10.17: 12 Bar (175 psi)

**Test pressure:** As per NFPA T 3.10.17: 15 Bar (217.5 psi)

**Burst pressure:** As per NFPA T 3.10.17: 20 Bar (290 psi)

**Connection Ports:** BSP

**Indicator:** Visual and electrical

**Working temperature:** -25°C +100°C (-13°F +212°F)

**Materials:**
- Head: aluminium
- Housing: carbon steel
- Seal: Buna-N

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter media:** Microglass fiber 3,6,10,25 ,µm
Cellulose 10,25 µm
Wire mesh 60, 125,µm

**Collapse pressure:** As per ISO 2941: 4 Bar (58 psi)

**By-pass setting:** Return line 1,7 Bar (24.6 psi)

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **10 MICRON CELLULOSE** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004784 | FA-2-10-C10-BM-B4-R1 | 3/4" BSP | 60 L/MIN | £49.06 | € 66.25 | A210C10BM | £15.02 | € 20.28 |
| ZZ004785 | FA-2-11-C10-BM-B4-R1 | 3/4" BSP | 75 L/MIN | £49.06 | € 66.25 | A211C10BM | £17.53 | € 23.66 |
| ZZ004786 | FA-2-20-C10-BM-B4-R1 | 1 1/2" BSP | 140 L/MIN | £67.32 | € 90.87 | A220C10BM | £21.15 | € 28.56 |
| ZZ004787 | FA-2-21-C10-BM-B4-R1 | 1 1/2" BSP | 160 L/MIN | £68.52 | € 92.50 | A221C10BM | £26.79 | € 36.18 |
| **25 MICRON CELLULOSE** | | | | | | | | |
| ZZ004788 | FA-2-10-C25-BM-B4-R1 | 3/4" BSP | 80 L/MIN | £49.06 | € 66.25 | A210C25BM | £15.02 | € 20.28 |
| ZZ004789 | FA-2-11-C25-BM-B4-R1 | 3/4" BSP | 90 L/MIN | £49.06 | € 66.25 | A211C25BM | £17.53 | € 23.66 |
| ZZ004790 | FA-2-20-C25-BM-B4-R1 | 1 1/2" BSP | 170 L/MIN | £67.32 | € 90.87 | A220C25BM | £21.15 | € 28.56 |
| ZZ004791 | FA-2-21-C25-BM-B4-R1 | 1 1/2" BSP | 200 L/MIN | £68.52 | € 92.50 | A221C25BM | £26.79 | € 36.18 |
| **10 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004792 | FA-2-10-G10-BM-B4-R1 | 3/4" BSP | 50 L/MIN | £64.17 | € 86.64 | A210G10BM | £25.24 | € 34.07 |
| ZZ004793 | FA-2-11-G10-BM-B4-R1 | 3/4" BSP | 60 L/MIN | £76.81 | € 103.69 | A211G10BM | £34.86 | € 47.06 |
| ZZ004794 | FA-2-20-G10-BM-B4-R1 | 1 1/2" BSP | 120 L/MIN | £100.18 | € 135.24 | A220G10BM | £46.07 | € 62.20 |
| ZZ004795 | FA-2-21-G10-BM-B4-R1 | 1 1/2" BSP | 130 L/MIN | £116.39 | € 157.13 | A221G10BM | £58.42 | € 78.86 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| INDICATORS | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| R2 Pressure swith O.C 1.3 Bar 18.85 Psi | £15.87 | € 21.42 |
| R3 Pressure switch C.C 1.3 Bar 18.85 C.C | £15.63 | € 21.09 |
| R7 Pressure vacuum gauge -1+5 -14.5+72.5 Psi | £5.49 | € 7.41 |

# TANK TOP RETURN FILTER FR-1

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF03



**FILTER HOUSING Technical Information**

**Description:** Tank top mounting design return line with reusable or disposable element.

**Max flow rate:** 600 1/min (158 gpm)

Max working pressure: As per NFPA T 3.10.5.1: 8 Bar (116 psi)

**Test pressure:** As per NFPA T 3.10.5.1: 12 Bar (174 psi)

**Burst pressure:** As per NFPA T 3.10.5.1: 16 Bar (232 psi)

**Connection Ports:** BSP, NPT, SAE J514b

**Indicator:** Visual and electrical.

**Working temperature:** -25°C + 100°C (-13°F +212°F)

**Materials:** •Cover: aluminium
•Head: aluminium
•Bowl: nylon - carbon steel
•Seal: Buna-N / Viton®

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter media:** Microglass fiber 3,6,10,25 µm
Cellulose 10,25 µm
Wire mesh 60, 125 µm

**Collapse pressure:** As per ISO 2941: 10 Bar (145 psi)

**By-pass:** Return line 1,7 Bar (24.6 psi)

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **ALL SUPPLIED WITH R1 INDICATOR ON TOP AS STANDARD** | | | | | | | | |
| **10 MICRON CELLULOSE** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004851 | FR-1-10-C10-B-B2-0-C-R1 | 3/8"BSP | 16 L/MIN | £19.23 | € 25.96 | R110C10B | £6.92 | € 9.34 |
| ZZ004852 | FR-1-10-C10-B-B3-0-C-R1 | 1/2"BSP | 16 L/MIN | £19.23 | € 25.96 | R110C10B | £6.92 | € 9.34 |
| ZZ004853 | FR-1-10-C10-B-B4-O-C-R1 | 3/4"BSP | 16 L/MIN | £19.23 | € 25.96 | R110C10B | £6.92 | € 9.34 |
| ZZ004854 | FR-1-11-C10-B-B2-O-C-R1 | 3/8"BSP | 20 L/MIN | £23.90 | € 32.27 | R111C10B | £16.17 | € 21.83 |
| ZZ004855 | FR-1-11-C10-B-B3-O-C-R1 | 1/2"BSP | 20 L/MIN | £23.90 | € 32.27 | R111C10B | £16.17 | € 21.83 |
| ZZ004856 | FR-1-11-C10-B-B4-O-C-R1 | 3/4"BSP | 24 L/MIN | £23.90 | € 32.27 | R111C10B | £16.17 | € 21.83 |
| ZZ004857 | FR-1-20-C10-B-B3-O-C-R1 | 1/2"BSP | 40 L/MIN | £22.24 | € 30.02 | R120C10B | £8.06 | € 10.86 |
| ZZ004858 | FR-1-20-C10-B-B4-O-C-R1 | 3/4"BSP | 40 L/MIN | £22.24 | € 30.02 | R120C10B | £8.06 | € 10.86 |
| ZZ004859 | FR-1-22-C10-B-B5-O-C-R1 | 1"BSP | 65 L/MIN | £24.04 | € 32.45 | R122C10B | £8.96 | € 12.10 |
| ZZ004860 | FR-1-30-C10-B-B5-O-C-R1 | 1"BSP | 80 L/MIN | £34.16 | € 46.12 | R130C10B | £12.02 | € 16.23 |
| ZZ004861 | FR-1-40-C10-B-B7-O-C-R1 | 1 1/2"BSP | 120 L/MIN | £53.62 | € 72.39 | R140C10B | £13.53 | € 18.26 |
| ZZ004862 | FR-1-43-C10-B-B7-O-C-R1 | 1 1/2"BSP | 140 L/MIN | £56.49 | € 76.27 | R143C10B | £16.23 | € 21.90 |
| ZZ004863 | FR-1-50-C10-B-B8-O-C-R1 | 2"BSP | 180 L/MIN | £83.28 | € 112.43 | R150C10B | £15.48 | € 20.90 |
| ZZ004864 | FR-1-51-C10-B-B8-O-C-R1 | 2"BSP | 240 L/MIN | £93.24 | € 125.87 | R151C10B | £17.40 | € 23.48 |
| ZZ004865 | FR-1-60-C10-B-B8-O-C-R1 | 2"BSP | 300 L/MIN | £60.10 | € 81.14 | R160C10B | £17.40 | € 23.48 |
| ZZ004866 | FR-1-64-C10-B-B8-O-C-R1 | 2"BSP | 360 L/MIN | £78.14 | € 105.48 | R164C10B | £23.22 | € 31.35 |
| **25 MICRON CELLULOSE** | | | | | | | | |
| ZZ004867 | FR-1-10-C25-B-B2-0-C-R1 | 3/8"BSP | 24 L/MIN | £19.23 | € 25.96 | R110C25B | £6.92 | € 9.34 |
| ZZ004868 | FR-1-10-C25-B-B3-0-C-R1 | 1/2"BSP | 30 L/MIN | £19.23 | € 25.96 | R110C25B | £6.92 | € 9.34 |
| ZZ004869 | FR-1-10-C25-B-B4-O-C-R1 | 3/4"BSP | 20 L/MIN | £19.23 | € 25.96 | R110C25B | £6.92 | € 9.34 |
| ZZ004870 | FR-1-11-C25-B-B2-O-C-R1 | 3/8"BSP | 30 L/MIN | £23.90 | € 32.27 | R111C25B | £16.17 | € 21.83 |
| ZZ004871 | FR-1-11-C25-B-B3-O-C-R1 | 1/2"BSP | 36 L/MIN | £23.90 | € 32.27 | R111C25B | £16.17 | € 21.83 |
| ZZ004872 | FR-1-11-C25-B-B4-O-C-R1 | 3/4"BSP | 26 L/MIN | £23.90 | € 32.27 | R111C25B | £16.17 | € 21.83 |
| ZZ004972 | FR-1-20-C25-B-B3-O-C-R1 | 1/2"BSP | 50 L/MIN | £22.24 | € 30.02 | R120C25B | £8.06 | € 10.86 |
| ZZ004973 | FR-1-20-C25-B-B4-O-C-R1 | 3/4"BSP | 40 L/MIN | £22.24 | € 30.02 | R120C25B | £8.06 | € 10.86 |
| ZZ004974 | FR-1-22-C25-B-B5-O-C-R1 | 1"BSP | 60 L/MIN | £24.04 | € 32.45 | R122C25B | £8.96 | € 12.10 |
| ZZ004975 | FR-1-30-C25-B-B5-O-C-R1 | 1"BSP | 80 L/MIN | £34.16 | € 46.12 | R130C25B | £12.02 | € 16.23 |
| ZZ004976 | FR-1-40-C25-B-B7-O-C-R1 | 1 1/2"BSP | 140 L/MIN | £53.62 | € 72.39 | R140C25B | £13.53 | € 18.26 |
| ZZ004977 | FR-1-43-C25-B-B7-O-C-R1 | 1 1/2"BSP | 160 L/MIN | £56.49 | € 76.27 | R143C25B | £19.38 | € 26.17 |
| ZZ004978 | FR-1-50-C25-B-B8-O-C-R1 | 2"BSP | 260 L/MIN | £83.28 | € 112.43 | R150C25B | £15.48 | € 20.90 |
| ZZ004979 | FR-1-51-C25-B-B8-O-C-R1 | 2"BSP | 360 L/MIN | £93.24 | € 125.87 | R151C25B | £17.40 | € 23.48 |
| ZZ004980 | FR-1-60-C25-B-B8-O-C-R1 | 2"BSP | 400 L/MIN | £60.10 | € 81.14 | R160C25B | £17.40 | € 23.48 |
| ZZ004981 | FR-1-64-C25-B-B8-O-C-R1 | 2"BSP | 450 L/MIN | £78.14 | € 105.48 | R164C25B | £23.22 | € 31.35 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| VITON SEALS | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| FR1-10 | £3.05 | € 4.11 |
| FR1-20/FR1-30 | £7.51 | € 10.13 |
| FR1-40 | £12.70 | € 17.15 |
| FR1-50 | £31.30 | € 42.25 |
| FR1-60 | £31.30 | € 42.25 |
| **FILLER CAPS - BUNA** | | |
| FR1-10 | £4.21 | € 5.68 |
| FR1-20/FR1-30 | £4.45 | € 6.00 |
| FR1-40 | £4.78 | € 6.46 |
| FR1-50 | £11.42 | € 15.41 |
| FR1-60 | £11.42 | € 15.41 |
| **FILLER CAPS - VITON** | | |
| FR1-10/1-20/1-30 | £5.24 | € 7.07 |
| FR1-40 | £5.82 | € 7.85 |
| FR1-50/1-60 | £14.12 | € 19.06 |
| **INDICATORS** | | |
| R2 | £15.87 | € 21.42 |
| R3 | £15.63 | € 21.09 |
| R6 | £19.62 | € 26.48 |
| R7 | £5.49 | € 7.41 |



# TANK TOP RETURN FILTER FR-8

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF04



**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** Tank top mounting design return line with reusable or disposable element.

**Max flow rate:** 150 1/min (40 gpm)

**Max working pressure:** As per NFPA T 3.10.5.1: 8 Bar (116 psi)

**Test pressure:** As per NFPA T 3.10.5.1: 12 Bar (174 psi)

**Burst pressure:** As per NFPA T 3.10.5.1: 16 Bar (232 psi)

**Connection Ports:** BSP, NPT, SAE J514b

**Indicator:** Visual and electrical.

**Working temperature:** -25°C + 100°C (-13°F +212°F)

**Materials:**
- •Cover: nylon
- •Head: aluminium
- •Bowl: nylon
- •Seal: Buna-N / Viton®

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter media:** Microglass fiber 3,6,10,25 µm
Cellulose 10,25 µm
Wire mesh 60, 125 µm

**Collapse pressure:** As per ISO 2941: 10 Bar (145 psi)

**By-pass:** Return line 1,7 Bar (24.6 psi)

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **ALL WITH AIR BREATHER AS STANDARD - R1 INDICATOR ON TOP** | | | | | | | | |
| **10 MICRON CELLULOSE** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004873 | FR-8-10-C10-B-B4-O-10-C-R1 | 3/4" BSP | 16 L/MIN | £93.23 | € 125.85 | R110C10B | £6.92 | € 9.34 |
| ZZ004874 | FR-8-11-C10-B-B4-O-10-C-R1 | 3/4" BSP | 24 L/MIN | £108.04 | € 145.86 | R111C10B | £16.17 | € 21.83 |
| ZZ004875 | FR-8-20-C10-B-B6-O-10-C-R1 | 1 1/4" BSP | 50 L/MIN | £126.07 | € 170.19 | R120C10B | £8.06 | € 10.86 |
| ZZ004876 | FR-8-22-C10-B-B6-O-10-C-R1 | 1 1/4" BSP | 80 L/MIN | £129.24 | € 174.47 | R122C10B | £8.96 | € 12.10 |
| ZZ004877 | FR-8-30-C10-B-B6-O-10-C-R1 | 1 1/4" BSP | 120 L/MIN | £146.02 | € 197.12 | R130C10B | £12.02 | € 16.23 |
| **25 MICRON CELLULOSE** | | | | | | | | |
| ZZ004878 | FR-8-10-C25-B-B4-O-10-C-R1 | 3/4" BSP | 32 L/MIN | £93.23 | € 125.85 | R110C25B | £6.92 | € 9.34 |
| ZZ004879 | FR-8-11-C25-B-B4-O-10-C-R1 | 3/4" BSP | 48 L/MIN | £108.04 | € 145.86 | R111C25B | £16.17 | € 21.83 |
| ZZ004880 | FR-8-20-C25-B-B6-O-10-C-R1 | 1 1/4" BSP | 80 L/MIN | £126.07 | € 170.19 | R120C25B | £8.06 | € 10.86 |
| ZZ004881 | FR-8-22-C25-B-B6-O-10-C-R1 | 1 1/4" BSP | 100 L/MIN | £129.24 | € 174.47 | R122C25B | £8.96 | € 12.10 |
| ZZ004882 | FR-8-30-C25-B-B6-O-10-C-R1 | 1 1/4" BSP | 140 L/MIN | £146.03 | € 197.13 | R130C25B | £15.39 | € 20.78 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| VITON SEALS | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| FR-8-10 Series | £14.70 | € 19.84 |
| FR-8-20 & 8-30 Series | £5.64 | € 7.60 |
| **SECONDARY PORT** | | |
| FR-8-10 Series | | |
| FR-8-20 & 8-30 Series | £2.59 | € 3.51 |
| **INDICATOR POSITION** | | |
| Options C,D & S | £2.92 | € 3.93 |
| **INDICATORS** | | |
| R2 Pressure switch O.C 1.3 Bar 18.85 O.C | £15.87 | € 21.42 |
| R3 Pressure switch C.C 1,3 Bar 18.85 Psi C.C | £15.63 | € 21.09 |
| R6 Visuual pressure 1.2 Bar 17.4 Psi | £19.62 | € 26.48 |
| R7 Pressure vacuum gauge -1 - 5 Bar -14.5-72.5 Psi | £5.49 | € 7.41 |

# TANK TOP RETURN FILTER FCR-7

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF05



**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** Tank top mounting design return line with reusable or disposable element.

**Max flow rate:** 600 l/min (158 gpm)

**Max working pressure:** As per NFPA T 3.10.5.1: 8 Bar (116 psi)

**Test pressure:** As per NFPA T 3.10.5.1: 12 Bar (174 psi)

**Burst pressure:** As per NFPA T 3.10.5.1: 16 Bar (232 psi)

**Connection Ports:** BSP, NPT, SAE J514b, SAE J518

**Indicator:** Visual and electrical.

**Working temperature:** -25°C +100°C (-13°F +212°F)

**By-pass setting:** 0,8 or 1,7 Bar (11.6 or 24.6 psi)

**Materials:**
- •Cover: nylon - aluminium
- •Head: aluminium
- •Bowl: carbon steel
- •Seal: Buna-N / Viton®

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic orvegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter media:** Microglass fiber 3, 6, 10, 25 µm
Cellulose 10, 25 µm
Wire mesh 10, 25, 40, 60, 100, 120 µm

**Collapse pressure:** As per ISO 2941: 10 Bar (145 psi)

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **10 MICRON CELLULOSE** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004796 | FCR-7-11-G10-B6-O-V17-O-O-O-C-R1 | 1 1/4" BSP | 36 L/MIN | £79.77 | € 107.69 | R711G10 | £20.78 | € 28.05 |
| ZZ004797 | FCR-7-12-G10-B6-O-V17-O-O-O-C-R1 | 1 1/4" BSP | 50 L/MIN | £82.58 | € 111.48 | R712G10 | £23.35 | € 31.53 |
| ZZ004798 | FCR-7-13-G10-B6-O-V17-O-O-O-C-R1 | 1 1/4" BSP | 80 L/MIN | £88.30 | € 119.21 | R713G10 | £32.72 | € 44.18 |
| ZZ004799 | FCR-7-14-G10-B6-O-V17-O-O-O-C-R1 | 1 1/4" BSP | 120 L/MIN | £96.06 | € 129.66 | R714G10 | £42.28 | € 57.09 |
| ZZ004800 | FCR-7-20-G10-B7-O-V17-O-O-O-C-R1 | 1 1/2" BSP | 120 L/MIN | £165.33 | € 223.19 | R720G10 | £43.66 | € 58.94 |
| ZZ004801 | FCR-7-21-G10-B7-O-V17-O-O-O-C-R1 | 1 1/2" BSP | 160 L/MIN | £171.03 | € 230.89 | R721G10 | £50.89 | € 68.71 |
| ZZ004802 | FCR-7-22-G10-B7-O-V17-O-O-O-C-R1 | 1 1/2" BSP | 240 L/MIN | £191.20 | € 258.12 | R722G10 | £75.33 | € 101.69 |
| ZZ004803 | FCR-7-30-G10-B8-O-V17-O-O-O-C-R1 | 2" BSP | 180 L/MIN | £275.70 | € 372.19 | R730G10 | £51.76 | € 69.89 |
| ZZ004804 | FCR-7-31-G10-B8-O-V17-O-O-O-C-R1 | 2" BSP | 200 L/MIN | £285.06 | € 384.83 | R731G10 | £63.47 | € 85.69 |
| ZZ004805 | FCR-7-32-G10-B8-O-V17-O-O-O-C-R1 | 2" BSP | 320 L/MIN | £307.63 | € 415.30 | R732G10 | £78.73 | € 106.29 |
| ZZ004806 | FCR-7-33-G10-B8-O-V17-O-O-O-C-R1 | 2" BSP | 380 L/MIN | £299.33 | € 404.09 | R733G10 | £78.96 | € 106.60 |
| **25 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004807 | FCR-7-11-G25-B6-O-V17-O-O-O-C-R1 | 1 1/4" BSP | 90 L/MIN | £79.77 | € 107.69 | R711G25 | £20.78 | € 28.05 |
| ZZ004808 | FCR-7-12-G25-B6-O-V17-O-O-O-C-R1 | 1 1/4" BSP | 120 L/MIN | £82.58 | € 111.48 | R712G25 | £23.35 | € 31.53 |
| ZZ004809 | FCR-7-13-G25-B6-O-V17-O-O-O-C-R1 | 1 1/4" BSP | 160 L/MIN | £88.30 | € 119.21 | R713G25 | £32.72 | € 44.18 |
| ZZ004810 | FCR-7-14-G25-B6-O-V17-O-O-O-C-R1 | 1 1/4" BSP | 180 L/MIN | £96.06 | € 129.66 | R714G25 | £42.28 | € 57.09 |
| ZZ004811 | FCR-7-20-G25-B7-O-V17-O-O-O-C-R1 | 1 1/2" BSP | 160 L/MIN | £165.33 | € 223.19 | R720G25 | £43.66 | € 58.94 |
| ZZ004812 | FCR-7-21-G25-B7-O-V17-O-O-O-C-R1 | 1 1/2" BSP | 200 L/MIN | £171.03 | € 230.89 | R721G25 | £50.89 | € 68.71 |
| ZZ004813 | FCR-7-22-G25-B7-O-V17-O-O-O-C-R1 | 1 1/2" BSP | 280 L/MIN | £191.20 | € 258.12 | R722G25 | £75.33 | € 101.69 |
| ZZ004814 | FCR-7-30-G25-B8-O-V17-O-O-O-C-R1 | 2" BSP | 300 L/MIN | £275.70 | € 372.19 | R730G25 | £51.76 | € 69.89 |
| ZZ004815 | FCR-7-31-G25-B8-O-V17-O-O-O-C-R1 | 2" BSP | 360 L/MIN | £285.06 | € 384.83 | R731G25 | £63.47 | € 85.69 |
| ZZ004816 | FCR-7-32-G25-B8-O-V17-O-O-O-C-R1 | 2" BSP | 460 L/MIN | £307.63 | € 415.30 | R732G25 | £78.96 | € 106.60 |
| ZZ004817 | FCR-7-33-G25-B8-O-V17-O-O-O-C-R1 | 2" BSP | 580 L/MIN | £299.33 | € 404.09 | R733G25 | £78.96 | € 106.60 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS CONTINUED ON NEXT PAGE**

## OPTIONAL EXTRAS

| VITON SEALS | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| FCR-7-11 Series | £47.80 | € 64.53 |
| FCR-7-20 series | £70.01 | € 94.50 |
| FCR-7-30 Series | £91.79 | € 123.91 |
| **SECONDARY PORTS** | | |
| All series | £5.35 | € 7.21 |
| **MAGNETS** | | |
| FCR-7-11 Series | £25.91 | € 34.98 |
| FCR-7-20 series | £47.65 | € 64.32 |
| FCR-7-30 Series | £69.14 | € 93.33 |
| **DIFFUSERS** | | |
| FCR-7-11 | £48.66 | € 65.69 |
| FCR-7-12 | £48.66 | € 65.69 |
| FCR-7-13 | £51.93 | € 70.10 |
| FCR-7-14 | £55.38 | € 74.77 |
| FCR-7-20 | £80.34 | € 108.46 |
| FCR-7-21 | £105.59 | € 142.54 |
| FCR-7-22 | £113.91 | € 153.78 |
| FCR-7-30 | £81.36 | € 109.83 |
| FCR-7-31 | £89.42 | € 120.72 |
| FCR-7-32 | £97.56 | € 131.71 |
| FCR-7-33 | £107.42 | € 145.01 |
| **FILLER CAP** | | |
| FCR-7-20 series | £13.85 | € 18.69 |
| FCR-7-30 Series | £16.25 | € 21.93 |
| **INDICATORS** | | |
| R2 Pressure switch O.C 1.3 Bar 18.85 Psi O.C | £31.73 | € 42.83 |
| R3 Pressure switch C.C 1.3 Bar 18.85 Psi C.C | £31.26 | € 42.20 |
| R7 Pressure vacuum gauge -1-5 Bar -14.5 Bar -72.5Psi | £10.96 | € 14.81 |



# FILTREC LOW PRESSURE INLINE FILTER

## INLINE SPIN-ON FILTER FA-4

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF06




**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** In line pressure and return spin-on filter assemblies.

**Max flow rate:** 200 l/min (53 gpm)

**Max working pressure:** As per NFPA T 3.10.17

**Test pressure:** As per NFPA T 3.10.17

**Burst pressure:** As per NFPA T 3.10.17

**Pressure fatigue test:** As per NFPA T 3.10.17

**Connection Ports:** BSP, NPT

**By-pass setting:** 3,5 Bar (50 psi)

**Indicator:** Visual and electrical

**Working temperature:** -25°C +120°C (-13°F +248°F)

**Materials:** •Head: aluminium
•Housing: carbon steel + aluminium
•Seal: Buna-N (NBR) / Viton®

| FA-4- 1 X | FA-4-21 |
|---|---|
| 500 psi | 348 psi |
| 754 psi | 522 psi |
| 1.000 psi | 798 psi |
| 0-500 psi* | 0-348 psi* |

* > 100.000 cycles

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter media:** Microglass fiber 3, 6, 10, 15, 25, 40 µm
Cellulose 10, 25 µm
Wire mesh 150 µm

**Collapse pressure:** As per ISO 2941

| FA-4-1X | FA-4-21 |
|---|---|
| 15 Bar | 12 Bar |

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **10 MICRON CELLULOSE** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004883 | FA-4-05-C10-B4-D-Z34 | 3/4" BSP | 50 L/MIN | £74.23 | € 100.21 | A405C10 | £31.48 | € 39.98 |
| ZZ004884 | FA-4-11-C10-B4-D-Z34 | 3/4" BSP | 60 L/MIN | £73.93 | € 99.80 | A411C10 | £39.02 | € 49.55 |
| ZZ004885 | FA-4-12-C10-B5-D-Z34 | 1" BSP | 100 L/MIN | £77.17 | € 104.18 | A412C10 | £40.67 | € 51.65 |
| ZZ004886 | FA-4-13-C10-B5-D-Z34 | 1" BSP | 100 L/MIN | £77.34 | € 104.40 | A413C10 | £44.37 | € 56.34 |
| ZZ004887 | FA-4-21-C10-B6-D-Z34 | 1 1/4" BSP | 160 L/MIN | £100.61 | € 135.82 | A421C10 | £64.48 | € 81.89 |
| **10 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004888 | FA-4-05-G10-B4-D-Z34 | 3/4" BSP | 40 L/MIN | £73.76 | € 99.59 | A405G10 | £38.78 | € 49.26 |
| ZZ004889 | FA-4-11-G10-B4-D-Z34 | 3/4" BSP | 50 L/MIN | £75.34 | € 101.71 | A411G10 | £41.25 | € 52.37 |
| ZZ004890 | FA-4-12-G10-B5-D-Z34 | 1" BSP | 80 L/MIN | £77.52 | € 104.65 | A412G10 | £44.65 | € 56.70 |
| ZZ004891 | FA-4-13-G10-B5-D-Z34 | 1" BSP | 100 L/MIN | £79.78 | € 107.70 | A413G10 | £48.17 | € 61.17 |
| ZZ004892 | FA-4-21-G10-B6-D-Z34 | 1 1/4" BSP | 120 L/MIN | £105.27 | € 142.12 | A421G10 | £71.78 | € 91.15 |
| **25 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004893 | FA-4-05-G25-B4-D-Z34 | 3/4" BSP | 50 L/MIN | £73.69 | € 99.48 | A405G25 | £38.78 | € 49.26 |
| ZZ004894 | FA-4-11-G25-B4-D-Z34 | 3/4" BSP | 60 L/MIN | £74.85 | € 101.06 | A411G25 | £41.23 | € 52.37 |
| ZZ004895 | FA-4-12-G25-B5-D-Z34 | 1" BSP | 100 L/MIN | £77.52 | € 104.65 | A412G25 | £41.71 | € 52.96 |
| ZZ004896 | FA-4-13-G25-B5-D-Z34 | 1" BSP | 100 L/MIN | £78.90 | € 106.52 | A413G25 | £46.79 | € 59.42 |
| ZZ004897 | FA-4-21-G25-B6-D-Z34 | 1 1/4" BSP | 160 L/MIN | £103.66 | € 139.94 | A421G25 | £69.27 | € 87.97 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| INDICATORS | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| Z35 Differential electrical switch 2.7 Bar 39 Psi | £2.65 | € 3.56 |

# FILTREC SUCTION LINE FILTERS

## SUCTION LINE SPIN-ON FILTER FA-1

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF07




**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** In line low-pressure spin-on filter assemblies, suction and return lines.

**Max flow rate:** 300 l/min (79 gpm)

**Max working pressure:** As per NFPA T 3.10.17: 12 Bar (175 psi)

**Test pressure:** As per NFPA T 3.10.17: 15 Bar (217.5 psi)

**Burst pressure:** As per NFPA T 3.10.17: 20 Bar (290 psi)

**Connection Ports:** BSP

**By-pass setting:** suction line 0,25 Bar (3.6 psi) return line 1,7 Bar (24.6 psi)

**Indicator:** Visual and electrical

**Working temperature:** 25°C +120°C (-13°F +248°F)

**Materials:** •Head: aluminium
•Housing: carbon steel
•Seal: Buna-N

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter media:** Microglass fiber 3,6,10,25 µm
Cellulose 10,25 µm
Wire mesh 60, 125 µm

**Collapse pressure:** as per ISO 2941: 4 Bar (58 psi)

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **SUPPLIED WITH VACUUM GAUGE INDICATOR AND BYPASS VALVE** | | | | | | | | |
| **60 MICRON WIREMESH** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004898 | FA-1-10-T60-B4-S-S1 | 3/4" BSP | 30 L/MIN | £51.24 | € 69.16 | A110T60 | £16.83 | € 22.72 |
| ZZ004899 | FA-1-11-T60-B4-S-S1 | 3/4" BSP | 35 L/MIN | £52.29 | € 70.59 | A111T60 | £31.85 | € 43.01 |
| ZZ004900 | FA-1-20-T60-B6-S-S1 | 1 1/4" BSP | 95 L/MIN | £70.32 | € 94.93 | A120T60 | £28.25 | € 38.13 |
| ZZ004901 | FA-1-21-T60-B6-S-S1 | 1 1/4" BSP | 100 L/MIN | £76.33 | € 103.04 | A121T60 | £48.08 | € 64.91 |
| ZZ004902 | FA-1-30-T60-B7-S-S1 * 2 elements | 1 1/2" BSP | 150 L/MIN | £88.95 | € 120.09 | A120T60 | £28.25 | € 38.13 |
| ZZ004903 | FA-1-31-T60-B7-S-S1 * 2 elements | 1 1/2" BSP | 150 L/MIN | £95.56 | € 129.01 | A121T60 | £48.08 | € 64.91 |
| ZZ004904 | FA-1-40-T60-B7-S-S1 * 2 elements | 1 1/2" BSP | 150 L/MIN | £232.90 | € 314.42 | A120T60 | £42.08 | € 56.80 |
| **125 MICRON WIREMESH** | | | | | | | | |
| ZZ004905 | FA-1-10-T125-B4-S-S1 | 3/4" BSP | 30 L/MIN | £38.47 | € 51.93 | A110T125 | £15.63 | € 21.09 |
| ZZ004906 | FA-1-11-T125-B4-S-S1 | 3/4" BSP | 35 L/MIN | £57.14 | € 77.14 | A111T125 | £36.06 | € 48.69 |
| ZZ004907 | FA-1-20-T125-B6-S-S1 | 1 1/4" BSP | 95 L/MIN | £52.29 | € 70.59 | A120T125 | £28.25 | € 38.13 |
| ZZ004908 | FA-1-21-T125-B6-S-S1 | 1 1/4" BSP | 100 L/MIN | £72.12 | € 97.36 | A121T125 | £43.87 | € 59.23 |
| ZZ004909 | FA-1-30-T125-B7-S-S1 * 2 elements | 1 1/2" BSP | 150 L/MIN | £88.95 | € 120.09 | A120T125 | £28.25 | € 38.13 |
| ZZ004910 | FA-1-31-T125-B7-S-S1 * 2 elements | 1 1/2" BSP | 150 L/MIN | £163.26 | € 220.41 | A121T125 | £48.08 | € 64.91 |
| ZZ004911 | FA-1-40-T125-B7-S-S1 * 2 elements | 1 1/2" BSP | 150 L/MIN | £253.17 | € 341.79 | A120T125 | £42.08 | € 56.80 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| INDICATORS | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| S2 Vacuum switch -0.2 bar setting O.C. (-2.9 psi) | £22.65 | € 30.57 |
| S3 Vacuum switch 0.2 bar setting C.C. (-2.9 psi) | £19.14 | € 25.84 |
| S4 Vacuum switch view -0.3 bar setting (-4.35 psi) | £10.82 | € 14.60 |

# FILTREC SUCTION STRAINERS

## SUCTION STRAINERS FS-1

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF08



**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** Suction strainers for fluid reservoirs.

**Max flow rate:** 500 1/min (132 gpm)

**Collapse pressure:** 14,5 psi

**Port Connection:** BSP (NPT on request)

**By-pass:** No by-pass or 0,25 bar (3,6 psi) setting

**Working temperature:** -25°C + 100°C (-13°F +212°F)

**Materials:** •Head: nylon
•Endcap: zinc plated carbon steel
•By-pass: NBR

**Filter media:** Wire mesh 125 µm (60 and 250 µm on request)

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils.

For other fluids please contact our Customer Service (info@filtrec.it).

| ORDER CODE | FLOW RATE | THREAD | LENGTH | O/D | NETT. PRICE | |
|---|---|---|---|---|---|---|
| **125 MICRON WIREMESH** | | | | | | |
| | | | | | £ STERLING | € EUROS |
| FS110B2T125 | 12 L/MIN | 3/8" BSP | 91mm | 46mm | £9.28 | € 12.53 |
| FS111B3T125 | 15 L/MIN | 1/2" BSP | 106mm | 46mm | £9.39 | € 12.68 |
| FS120B4T125 | 30 L/MIN | 3/4" BSP | 109mm | 64mm | £10.72 | € 14.48 |
| FS121B5T125 | 35 L/MIN | 1" BSP | 139mm | 64mm | £11.20 | € 15.12 |
| FS130B5T125 | 40 L/MIN | 1" BSP | 139mm | 86mm | £13.71 | € 18.51 |
| FS130B6T125 | 45 L/MIN | 1 1/4" BSP | 139mm | 86mm | £13.39 | € 18.08 |
| FS130B7T125 | 50 L/MIN | 1 1/2" BSP | 139mm | 86mm | £13.39 | € 18.08 |
| FS133B7T125 | 90 L/MIN | 1 1/2" BSP | 200mm | 86mm | £14.91 | € 20.13 |
| FS134B8T125 | 120 L/MIN | 2" BSP | 260mm | 86mm | £16.68 | € 22.51 |
| FS140B7T125 | 95 L/MIN | 1 1/2" BSP | 151mm | 150mm | £22.86 | € 30.87 |
| FS140B8T125 | 100 L/MIN | 2" BSP | 151mm | 150mm | £22.08 | € 29.81 |
| FS142B9T125 | 180 L/MIN | 2 1/2" BSP | 212mm | 150mm | £25.32 | € 34.17 |
| FS143B10T125 | 300 L/MIN | 3" BSP | 272mm | 150mm | £28.13 | € 37.98 |
| FS150B2T125 | 15 L/MIN | 3/8" BSP | 84mm | 54mm | £10.47 | € 14.13 |
| FS150B3T125 | 20 L/MIN | 1/2" BSP | 84mm | 54mm | £11.12 | € 15.02 |
| FS160B3T125 | 20 L/MIN | 1/2" BSP | 104mm | 72.5mm | £13.17 | € 17.78 |
| FS160B4T125 | 30 L/MIN | 3/4" BSP | 104mm | 72.5mm | £13.09 | € 17.67 |
| FS160B5T125 | 45 L/MIN | 1" BSP | 104mm | 72.5mm | £13.09 | € 17.67 |
| FS160B6T125 | 55 L/MIN | 1 1/4" BSP | 104mm | 72.5mm | £14.12 | € 19.06 |
| FS162B3T125 | 25 L/MIN | 1/2" BSP | 148mm | 72.5mm | £14.16 | € 19.12 |
| FS162B4T125 | 40 L/MIN | 3/4" BSP | 148mm | 72.5mm | £14.89 | € 20.10 |
| FS162B5T125 | 55 L/MIN | 1" BSP | 148mm | 72.5mm | £14.99 | € 20.24 |
| FS162B6T125 | 60 L/MIN | 1 1/4" BSP | 148mm | 72.5mm | £14.99 | € 20.24 |
| FS170B5T125 | 60 L/MIN | 1" BSP | 155mm | 102mm | £19.17 | € 25.88 |
| FS170B6T125 | 80 L/MIN | 1 1/4" BSP | 155mm | 102mm | £18.21 | € 24.59 |
| FS170B7T125 | 90 L/MIN | 1 1/2" BSP | 155mm | 102mm | £19.20 | € 25.92 |
| FS170B8T125 | 100 L/MIN | 2" BSP | 155mm | 102mm | £19.17 | € 25.88 |
| FS173B5T125 | 60 L/MIN | 1" BSP | 195mm | 102mm | £24.94 | € 33.66 |
| FS173B6T125 | 90 L/MIN | 1 1/4" BSP | 195mm | 102mm | £24.96 | € 33.70 |
| FS173B7T125 | 120 L/MIN | 1 1/2" BSP | 195mm | 102mm | £24.96 | € 33.70 |
| FS173B8T125 | 130 L/MIN | 2" BSP | 195mm | 102mm | £24.16 | € 32.61 |
| FS176B5T125 | 65 L/MIN | 1" BSP | 228mm | 102mm | £27.59 | € 37.25 |
| FS176B6T125 | 110 L/MIN | 1 1/4"BSP | 228mm | 102mm | £27.59 | € 37.25 |
| FS176B7T125 | 130 L/MIN | 1 1/2" BSP | 228mm | 102mm | £27.75 | € 37.47 |
| FS176B8T125 | 140 L/MIN | 2" BSP | 228mm | 102mm | £27.75 | € 37.47 |
| FS179B5T125 | 25 L/MIN | 1" BSP | 110mm | 102mm | £19.27 | € 26.01 |
| FS180B8T125 | 140 L/MIN | 2" BSP | 202mm | 132.5mm | £35.28 | € 47.63 |
| FS180B9T125 | 160 L/MIN | 2 1/2" BSP | 202mm | 132.5mm | £34.42 | € 46.46 |
| FS180B10T125 | 200 L/MIN | 3" BSP | 202mm | 132.5mm | £35.28 | € 47.63 |
| FS181B8T125 | 130 L/MIN | 2" BSP | 162mm | 132.5mm | £42.34 | € 57.15 |
| FS181B10T125 | 190 L/MIN | 3" BSP | 162mm | 132.5mm | £36.29 | € 48.99 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

# FILTREC SUCTION FILTERS

## TANK TOP SUCTION FILTERS FS-7

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF09



**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** Side tank suction filters mounted below oil level. No need to drain oil from tank when replacing element.

**Max flow rate:** 160 1/min (42 gpm)

**Indicator:** Visual or electrical

**By-pass setting:** No by-pass or 0,3 Bar setting (4,35 psi)

**Working temperature:** -25°C + 100°C (-13°F +212°F)

**Materials:** •Cover: nylon
•Housing: aluminium
•Seal: Buna-N / Viton®

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter media:** Cellulose 10, 25 µm
Wire mesh 60, 125, 250 µm

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **10 MICRON CELLULOSE** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004912 | FS-7-41-C10-B7-0-B-O-P-S5 | 1 1/2" BSP | 50 L/MIN | £147.51 | € 187.34 | S741C10 | £37.85 | € 51.11 |
| **125 MICRON WIREMESH** | | | | | | | | |
| ZZ004913 | FS-7-41-T125-B7-0-B-O-P-S5 | 1 1/2" BSP | 100 L/MIN | £153.73 | € 207.54 | S741T125 | £43.45 | € 55.18 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| Secondary port | £11.11 | € 15.00 |
| Magnet | £2.41 | € 3.25 |
| **INDICATORS** | | |
| S6 Vacuum switch -0.2 Bar setting | £51.93 | € 70.10 |

# FILTREC MEDIUM PRESSURE FILTERS

## INLINE MEDIUM PRESSURE FILTERS F100 MAX WORKING UPTO 100BAR

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF10



### FILTER HOUSING TECHNICAL INFORMATION

**Description:** In line medium pressure filter assembly with cleanable or disposable elements

**Max flow rate:** 400 l/min (105.5 gpm)

**Max working pressure:** As per NFPA T 3.10.5.1:

**Test pressure:** As per NFPA T 3.10.5.1:

**Burst pressure:** As per NFPA T 3.10.5.1:

| F100-XDO40/063/100 | F100-XD160/250/400 |
|---|---|
| 100 Bar (1450 psi) | 80 Bar (1160 psi) |
| 150 Bar (2176 psi) | 120 Bar (1740 psi) |
| 300 Bar (4351 psi) | 200 Bar (2900 psi) |

**Connection Ports:** BSP, NPT

**By-pass:** No By-pass or 6 Bar (87 psi) setting

**Working temperature:** -25°C +120°C (-13°F +248°F)

**Materials:** •Head: aluminium
•Bowl: aluminium
•Seal: Buna-N / Viton®

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

### FILTER ELEMENT

**Filter media:** Filter element dimensions according to DIN 24550
Microglass fiber 3, 6, 10, 15, 25 µ, cellulose 10 µ

**Collapse pressure:** As per ISO 2941: 21 Bar (305 psi) and 210 Bar (3045 psi)

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **COMPLETE WITH LOW COLLAPSE ELEMENT, VISUAL INDICATOR AND BYPASS** | | | | | | | | |
| **10 MICRON FIBREGLASS** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004914 | F100-XD-040-G10-A-B5-D-S-Z30 | 1" BSP | 40 L/MIN | £166.65 | € 224.99 | XD040G10A | £48.12 | € 64.97 |
| ZZ004915 | F100-XD-063-G10-A-B5-D-S-Z30 | 1" BSP | 60 L/MIN | £174.48 | € 235.56 | XD063G10A | £50.59 | € 68.29 |
| ZZ004916 | F100-XD-100-G10-A-B5-D-S-Z30 | 1" BSP | 100 L/MIN | £188.99 | € 255.14 | XD100G10A | £56.28 | € 75.98 |
| ZZ004917 | F100-XD-160-G10-A-B7-D-S-Z30 | 1 1/2" BSP | 160 L/MIN | £182.95 | € 246.99 | XD160G10A | £68.52 | € 92.50 |
| ZZ004918 | F100-XD-250-G10-A-B7-D-S-Z30 | 1 1/2" BSP | 250 L/MIN | £188.85 | € 254.94 | XD250G10A | £68.52 | € 92.50 |
| ZZ004919 | F100-XD-400-G10-A-B7-D-S-Z30 | 1 1/2" BSP | 400 L/MIN | £243.37 | € 328.55 | XD400G10A | £124.26 | € 167.76 |
| **25 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004920 | F100-XD-040-G25-A-B5-D-S-Z30 | 1" BSP | 60 L/MIN | £166.65 | € 224.99 | XD040G25A | £48.12 | € 64.97 |
| ZZ004921 | F100-XD-063-G25-A-B5-D-S-Z30 | 1" BSP | 100 L/MIN | £174.48 | € 235.56 | XD063G25A | £50.59 | € 68.29 |
| ZZ004922 | F100-XD-100-G25-A-B5-D-S-Z30 | 1" BSP | 160 L/MIN | £188.99 | € 255.14 | XD100G25A | £56.28 | € 75.98 |
| ZZ004923 | F100-XD-160-G25-A-B7-D-S-Z30 | 1 1/2" BSP | 200 L/MIN | £183.46 | € 247.67 | XD160G25A | £68.52 | € 92.50 |
| ZZ004924 | F100-XD-250-G25-A-B7-D-S-Z30 | 1 1/2" BSP | 300 L/MIN | £188.85 | € 254.94 | XD250G25A | £68.52 | € 92.50 |
| ZZ004925 | F100-XD-400-G25-A-B7-D-S-Z30 | 1 1/2" BSP | 400 L/MIN | £243.37 | € 328.55 | XD400G25A | £124.26 | € 167.76 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

### OPTIONAL EXTRAS

| | NETT. PRICE | |
|---|---|---|
| **VITON SEALS** | | |
| | £ STERLING | € EUROS |
| F100-XD040,XD063 & XD100 | £7.77 | € 10.49 |
| F100-XD160,XD250 & XD400 | £7.77 | € 10.49 |
| **INDICATORS** | | |
| Z31 Differential electrical visual 5 Bar 7.2 Psi | £36.94 | € 49.86 |
| Z32 Differential visual switch 8 Bar 116 Psi | £26.83 | € 36.22 |
| Z33 Differential electrical visual 8 Bar 116 Psi | £36.94 | € 49.86 |

# INLINE MEDIUM PRESSURE FILTERS FD-3 UPTO 110BAR

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF11



**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** In line medium pressure filter assembly with reusable or disposable element.

**Max flow rate:** 40 l/min (10,5 gpm)

**Max working pressure:** As per NFPA T 3.10.5.1: 110 Bar (1595 psi)

**Test pressure:** As per NFPA T 3.10.5.1: 160 Bar (2320 psi)

**Burst pressure:** As per NFPA T 3.10.5.1: 330 Bar (4785 psi)

**Fatigue test:** > 1.000.000 cycles 0-80 Bar, as per NFPA T 3.10.5.1

**Connection Ports:** BSP, NPT

**By-pass:** No by-pass or 6 Bar (87 psi) setting

**Indicator:** Differential visual and differential electrical visual , 5 Bar (72.5 psi) setting.

**Working temperature:** -25°C + 120°C (-13°F +248°F)

**Materials:** •Head: aluminium
•Bowl: aluminium
•Seal: Buna-N / Viton®

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or applications please contact Filtrec S.p.A.vegetable oils. With other fluid

**FILTER ELEMENT**

**Filter media:** Microglass fiber 3,6,10,25 µm
Cellulose 10,25 µm
Wire mesh 10, 25, 60, 125 µm

**Collapse pressure:** as per ISO 2941: 21 Bar (305 psi)

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **COMPLETE WITH LOW COLLAPSE ELEMENT, VISUAL INDICATOR AND BYPASS** | | | | | | | | |
| **10 MICRON CELLULOSE** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004926 | FD-3-10-C10-A-B3-D-T-Z12 | 1/2" BSP | 40 L/MIN | £96.18 | € 129.85 | D310C10A | £17.28 | € 23.33 |
| ZZ004927 | FD-3-11-C10-A-B3-D-T-Z12 | 1/2" BSP | 50 L/MIN | £115.05 | € 155.33 | D311C10A | £19.83 | € 26.77 |
| **10 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004928 | FD-3-10-G10-A-B3-D-T-Z12 | 1/2" BSP | 30 L/MIN | £106.36 | € 143.59 | D310G10A | £19.83 | € 26.77 |
| ZZ004929 | FD-3-11-G10-A-B3-D-T-Z12 | 1/2" BSP | 40 L/MIN | £123.67 | € 166.96 | D311G10A | £28.85 | € 38.94 |
| **25 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004930 | FD-3-10-G25-A-B3-D-T-Z12 | 1/2" BSP | 35 L/MIN | £103.23 | € 139.36 | D310G25A | £18.04 | € 24.34 |
| ZZ004931 | FD-3-11-G25-A-B3-D-T-Z12 | 1/2" BSP | 45 L/MIN | £122.01 | € 164.71 | D311G25A | £24.04 | € 32.45 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| Z13 differential electrical visual indIcator 5 Bar 72.5 Psi | £36.94 | € 49.86 |

# INLINE MEDIUM PRESSURE FILTERS F160 UPTO 160BAR

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF12



**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** In line medium pressure filter assembly with cleanable or disposable elements

**Max flow rate:** 400 l/min (105.5 gpm)

**Max working pressure:** As per NFPA T 3.10.5.1: 160 Bar (2320 psi)

**Test pressure:** As per NFPA T 3.10.5.1: 240 Bar (3480 psi)

**Burst pressure:** As per NFPA T 3.10.5.1: 480 Bar (6962 psi)

**Connection Ports:** BSP, NPT

**By-pass:** No By-pass or 6 Bar (87 psi) setting

**Working temperature:** -25°C + 120°C (-13°F +248°F)

**Materials:** •Head: Cast iron
•Bowl: Aluminium
•Seal: Buna-N / Viton®

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter media:** Filter element dimensions according to DIN 24550 Microglass fiber 3, 6, 10, 15, 25 µ, cellulose 10 µ

**Collapse pressure:** As per ISO 2941: 21 Bar (305 psi) and 210 Bar (3045 psi)

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| COMPLETE WITH LOW COLLAPSE ELEMENTS, VISUAL INDICATOR AND BYPASS VALVE | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| **10 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004932 | F160-XD040-G10-A-B5-D-S-Z30 | 1" BSP | 40 L/MIN | £155.11 | € 209.40 | XD040G10A | £48.12 | € 64.97 |
| ZZ004933 | F160-XD063-G10-A-B5-D-S-Z30 | 1" BSP | 60 L/MIN | £160.57 | € 216.78 | XD063G10A | £50.59 | € 68.29 |
| ZZ004934 | F160-XD100-G10-A-B5-D-S-Z30 | 1" BSP | 100 L/MIN | £170.56 | € 230.27 | XD100G10A | £56.28 | € 75.98 |
| ZZ004935 | F160-XD160-G10-A-B7-D-S-Z30 | 1 1/2" BSP | 160 L/MIN | £261.45 | € 352.94 | XD160G10A | £68.52 | € 92.50 |
| ZZ004936 | F160-XD250-G10-A-B7-D-S-Z30 | 1 1/2" BSP | 250 L/MIN | £276.51 | € 373.29 | XD250G10A | £68.52 | € 92.50 |
| ZZ004937 | F160-XD400-G10-A-B7-D-S-Z30 | 1 1/2" BSP | 400 L/MIN | £350.71 | € 473.46 | XD400G10A | £124.26 | € 167.76 |
| **25 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004938 | F160-XD063-G25-A-B3-D-S-Z30 | 1/2" BSP | 60 L/MIN | £160.57 | € 216.78 | XD063G25A | £50.59 | € 68.29 |
| ZZ004939 | F160-XD063-G25-A-B5-D-S-Z30 | 1" BSP | 100 L/MIN | £160.57 | € 216.78 | XD063G25A | £50.59 | € 68.29 |
| ZZ004940 | F160-XD100-G25-A-B5-D-S-Z30 | 1" BSP | 160 L/MIN | £170.56 | € 230.27 | XD100G25A | £56.28 | € 75.98 |
| ZZ004941 | F160-XD160-G25-A-B7-D-S-Z30 | 1 1/2" BSP | 200 L/MIN | £261.45 | € 352.94 | XD160G25A | £68.52 | € 92.50 |
| ZZ004942 | F160-XD250-G25-A-B7-D-S-Z30 | 1 1/2" BSP | 300 L/MIN | £276.51 | € 373.29 | XD250G25A | £68.52 | € 92.50 |
| ZZ004943 | F160-XD400-G25-A-B7-D-S-Z30 | 1 1/2" BSP | 400 L/MIN | £463.06 | € 625.13 | XD400G25A | £124.26 | € 167.76 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| INDICATORS | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| Z31 Differential electrical visual 5 Bar 72.5Psi | £36.94 | € 49.86 |
| Z32 Differential visual switch 8 Bar 116 Psi | £26.83 | € 36.22 |
| Z33 Differential electrical visual 8 Bar 116 Psi | £36.94 | € 49.86 |

# FILTREC HIGH PRESSURE FILTERS

## INLINE HIGH PRESSURE FILTERS F280-D1 UPTO 280BAR

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF13



**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** In line high pressure filter assembly with cleanable or disposable elements

**Max flow rate:** 400 l/min (105 gpm)

**Max working pressure:** As per NFPA T 3.10.5.1: 280 Bar ( 4060 psi)

**Test pressure:** As per NFPA T 3.10.5.1: 420 Bar (6091,5 psi)

**Burst pressure:** As per NFPA T 3.10.5.1: 840 Bar ( 12180 psi)

**Connection Ports:** BSP, NPT, Metric

**By-pass:** No by-pass or 6 Bar (87 psi) setting

**Working temperature:** -25°C + 120°C (-13°F +248°F)

**Materials:** •Head: cast iron
•Bowl: extruded steel
•Seal: Buna-N / Viton®

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter media:** Microglass fiber 3, 6, 10, 15, 25 µm, cellulose 10 µm

**Collapse pressure:** As per ISO 2941: 21 Bar (305 psi) and 210 Bar (3045 psi)

| ORDER CODE | DESCRIPTION | PORTS | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **COMPLETE WITH LOW COLLAPSE ELEMENTS, VISUAL INDICATOR AND BYPASS VALVE** | | | | | | | | |
| | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| **10 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004944 | F280-D120-G10-A-B5-D-S-Z30 | 1" BSP | 60 L/MIN | £136.97 | € 184.91 | D120G10A | £33.37 | € 45.06 |
| ZZ004945 | F280-D124-G10-A-B5-D-S-Z30 | 1" BSP | 80 L/MIN | £145.72 | € 196.72 | D124G10A | £39.00 | € 52.65 |
| ZZ004946 | F280-D121-G10-A-B5-D-S-Z30 | 1" BSP | 100 L/MIN | £153.28 | € 206.93 | D121G10A | £46.52 | € 62.80 |
| ZZ004947 | F280-D140-G10-A-B7-D-S-Z30 | 1 1/2" BSP | 120 L/MIN | £295.53 | € 398.96 | D140G10A | £49.41 | € 66.70 |
| ZZ004948 | F280-D141-G10-A-B7-D-S-Z30 | 1 1/2" BSP | 200 L/MIN | £334.16 | € 451.13 | D141G10A | £68.02 | € 91.82 |
| ZZ004949 | F280-D142-G10-A-B7-D-S-Z30 | 1 1/2" BSP | 240 L/MIN | £451.47 | € 609.49 | D142G10A | £109.78 | € 148.21 |
| **25 MICRON FIBREGLASS** | | | | | | | | |
| ZZ004950 | F280-D120-G25-A-B5-D-S-Z30 | 1" BSP | 70 L/MIN | £136.03 | € 183.63 | D120G25A | £32.17 | € 43.43 |
| ZZ004951 | F280-D124-G25-A-B5-D-S-Z30 | 1" BSP | 90 L/MIN | £145.72 | € 196.72 | D124G25A | £39.00 | € 52.65 |
| ZZ004952 | F280-D121-G25-A-B5-D-S-Z30 | 1" BSP | 110 L/MIN | £151.12 | € 204.02 | D121G25A | £43.80 | € 59.14 |
| ZZ004953 | F280-D140-G25-A-B7-D-S-Z30 | 1 1/2" BSP | 130 L/MIN | £291.62 | € 393.68 | D140G25A | £44.51 | € 60.09 |
| ZZ004954 | F280-D141-G25-A-B7-D-S-Z30 | 1 1/2" BSP | 210 L/MIN | £334.16 | € 451.13 | D141G25A | £68.02 | € 91.82 |
| ZZ004955 | F280-D142-G25-A-B7-D-S-Z30 | 1 1/2" BSP | 250 L/MIN | £450.28 | € 607.89 | D142G25A | £108.30 | € 146.20 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| INDICATORS | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| Z31 Differential electrical visual 5 Bar 72.5Psi | £36.94 | € 49.86 |
| Z32 Differential visual switch 8 Bar 116 Psi | £26.83 | € 36.22 |
| Z33 Differential electrical visual 8 Bar 116 Psi | £36.94 | € 49.86 |

# CETOP 3 AND 5 HIGH PRESSURE FILTERS FDM-1 UPTO 315 BAR

FILTREC® Technical Filtration

www.flowfitonline.com TECH. DATA SHEET FTF14



**FILTER HOUSING TECHNICAL INFORMATION**

**Description:** Modulare in line high pressure filter assembly with cleanable or disposable elements

**Max flow rate:** 15/45 l/min ( 4/12 gpm)

**Max working pressure:** As per NFPA T 3.10.5.1: 315 Bar (4560 psi)

**Test pressure:** As per NFPA T 3.10.5.1: 400 Bar (5800 psi)

**Burst pressure:** As per NFPA T 3.10.5.1: 945 Bar (13700 psi)

**Port connections:** CETOP - 03/05

**Indicator:** Visual and visual electric differential indicator setting 5 and 8 bar (72,5 and 116 psi)

**By-pass valve:** Without

**Working temperature:** -25°C + 120°C (-13°F +248°F)

**Materials:** •Head: steel
•Cover: steel
•Seal: Buna-N / Viton®

**Fluids compatibility:** ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

**FILTER ELEMENT**

**Filter element:** Microglass fiber 3,6,10,25 µm
Wire mesh 10, 25 µm

**Collapse pressure:** As for ISO 2941: 21/210 Bar

| ORDER CODE | DESCRIPTION | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| **COMPLETE WITH HIGH COLLAPSE ELEMENTS, VISUAL INDICATOR AND BYPASS VALVE** | | | | | | | |
| **3 MICRON FIBREGLASS** | | | | | | | |
| | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| ZZ004956 | FDM-1-08-G03-B-D-Z12 | 6 L/MIN | £170.59 | € 230.29 | D108G03B | £65.99 | € 89.08 |
| ZZ004957 | FDM-1-11-G03-B-D-Z12 | 18 L/MIN | £244.07 | € 329.50 | D111G03B | £70.48 | € 95.15 |
| **6 MICRON FIBREGLASS** | | | | | | | |
| ZZ004958 | FDM-1-08-G06-B-D-Z12 | 8 L/MIN | £170.59 | € 230.29 | D108G06B | £65.99 | € 89.08 |
| ZZ004959 | FDM-1-11-G06-B-D-Z12 | 24 L/MIN | £244.07 | € 329.50 | D111G06B | £70.48 | € 95.15 |
| **10 MICRON FIBREGLASS** | | | | | | | |
| ZZ004960 | FDM-1-08-G10-B-D-Z12 | 8 L/MIN | £162.18 | € 218.95 | D108G10B | £53.92 | € 72.79 |
| ZZ004961 | FDM-1-11-G10-B-D-Z12 | 24 L/MIN | £233.19 | € 314.81 | D111G10B | £54.85 | € 74.04 |

The given flow rate values refer to applications with mineral oil having viscosity of 30 cSt at working temperature. For applications with different fluid or working conditions, a corrective factor must be applied by refering to the technical information.

**OPTIONAL EXTRAS**

| VITON SEALS | NETT. PRICE | |
|---|---|---|
| | £ STERLING | € EUROS |
| FDM-1-08 | £11.25 | € 15.18 |
| FDM-1-11 | £14.43 | € 19.47 |
| **INDICATORS** | | |
| Z13 Differential visual and electrial 5 Bar 72.5 Psi | £73.86 | € 99.71 |
| Z17 Differential visual switch 8 Bar 116 Psi | £53.67 | € 72.45 |
| Z18 Differential visual and electrical 8 Bar 116 Psi | £72.12 | € 97.36 |

# INLINE HIGH PRESSURE FILTERS F420-D1 SERIES

FILTREC® Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FTF15



**TECHNICAL INFORMATION**

**Pressure:** **Max working** 420 bar (6000 psi) (acc. to NFPA T 3.10.5.1)
**Burst** 1260 bar (18300 psi) (acc. to NFPA T 3.10.5.1)

**Connection Ports:** 1/2"÷1 1/2" BSP (other thread options on request)
3/4"÷1 1/2" SAE J518-6000

**Materials:** **Head:** cast iron **Bowl:** extruded steel **Seal:** Buna-N (FKM on request)

**By-pass:** No by-pass or 6 bar (90 psi) setting

**Filter Media:** Microglass fiber 4,5 – 7 – 12 – 18 - 27 µm(c) (acc. to ISO 16889)
Cellulose 10 - 25 µm(c) (acc. to ISO 16889)

**Differential collapse pressure:** 21 bar (300 psi) or 210 bar (3000 psi) (acc. to ISO 2941)
The Filtrec elements are tested also according to ISO 2942 and ISO 23181

**Working temperature:** -25°C +120°C (-13°F +248°F)

**Fluid compatibility** (acc. to ISO 2943): Full with HH-HL-HM-HV (acc. to ISO 6743/4).

| CODE | DESCRIPTION | PORTS | MAX PRESSURE | FLOW RATE | NETT. PRICE | | ELEMENT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS | | £ STERLING | € EUROS |
| **3 MICRON FIBREGLASS** | | | | | | | | | |
| ZZ005634 | F420-D1-10-G03-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 10LPM | £131.86 | € 178.02 | D110G03A | £28.72 | € 38.76 |
| ZZ005638 | F420-D1-10-G03-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 12LPM | £126.17 | € 170.33 | D110G03A | £28.72 | € 38.76 |
| ZZ005642 | F420-D1-11-G03-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 15LPM | £143.69 | € 193.98 | D111G03A | £26.35 | € 35.58 |
| ZZ005647 | F420-D1-11-G03-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 18LPM | £144.15 | € 194.59 | D111G03A | £26.35 | € 35.58 |
| ZZ005654 | F420-D1-12-G03-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 35LPM | £163.22 | € 220.34 | D112G03A | £44.40 | € 59.94 |
| ZZ005658 | F420-D1-12-G03-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 20LPM | £158.79 | € 214.37 | D112G03A | £44.40 | € 59.94 |
| ZZ005662 | F420-D1-20-G03-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 30LPM | £176.31 | € 238.02 | D120G03A | £37.84 | € 51.08 |
| ZZ005668 | F420-D1-20-G03-A-B-B5-D-T-Z30 | 3/4" | 420 BAR | 40LPM | £161.67 | € 218.25 | D120G03A | £37.84 | € 51.08 |
| ZZ006605 | F420-D1-40-G03-A-B-B5-D-T-Z30 | 1" | 420 BAR | 45LPM | £255.44 | € 344.85 | D140G03A | £51.79 | € 69.92 |
| ZZ006609 | F420-D1-40-G03-A-B-B6-D-T-Z30 | 1 1/4" | 420 BAR | 65LPM | £280.26 | € 378.35 | D140G03A | £51.79 | € 69.92 |
| ZZ006613 | F420-D1-40-G03-A-B-B7-D-T-Z30 | 1 1/2" | 420 BAR | 80LPM | £290.76 | € 392.53 | D140G03A | £51.79 | € 69.92 |
| **6 MICRON FIBREGLASS** | | | | | | | | | |
| ZZ005635 | F420-D1-10-G06-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 18LPM | £133.57 | € 180.33 | D110G06A | £28.72 | € 38.76 |
| ZZ005639 | F420-D1-10-G06-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 25LPM | £127.90 | € 172.67 | D110G06A | £28.72 | € 38.76 |
| ZZ005643 | F420-D1-11-G06-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 21LPM | £144.51 | € 195.10 | D111G06A | £26.35 | € 35.58 |
| ZZ005651 | F420-D1-11-G06-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 30LPM | £144.97 | € 195.71 | D111G06A | £26.35 | € 35.58 |
| ZZ005655 | F420-D1-12-G06-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 50LPM | £159.13 | € 214.81 | D112G06A | £44.40 | € 59.94 |
| ZZ005659 | F420-D1-12-G06-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 30LPM | £151.45 | € 204.45 | D112G06A | £44.40 | € 59.94 |
| ZZ005663 | F420-D1-20-G06-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 50LPM | £173.90 | € 234.76 | D120G06A | £32.82 | € 44.30 |
| ZZ005669 | F420-D1-20-G06-A-B-B5-D-T-Z30 | 1"" | 420 BAR | 55LPM | £159.25 | € 214.98 | D120G06A | £32.82 | € 44.30 |
| ZZ006606 | F420-D1-40-G06-A-B-B5-D-T-Z30 | 1" | 420 BAR | 70LPM | £249.58 | € 336.94 | D140G06A | £51.79 | € 69.92 |
| ZZ006610 | F420-D1-40-G06-A-B-B6-D-T-Z30 | 1 1/4" | 420 BAR | 95LPM | £274.40 | € 370.43 | D140G06A | £51.79 | € 69.92 |
| ZZ006614 | F420-D1-40-G06-A-B-B7-D-T-Z30 | 1 1/2" | 420 BAR | 120LPM | £284.89 | € 384.61 | D140G06A | £51.79 | € 69.92 |
| **10 MICRON FIBREGLASS** | | | | | | | | | |
| ZZ005636 | F420-D1-10-G10-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 20LPM | £133.40 | € 180.09 | D110G10A | £28.40 | € 38.35 |
| ZZ005640 | F420-D1-10-G10-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 40LPM | £127.73 | € 172.44 | D110G10A | £28.40 | € 38.35 |
| ZZ005644 | F420-D1-11-G10-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 30LPM | £146.58 | € 197.89 | D111G10A | £26.35 | € 35.58 |
| ZZ005652 | F420-D1-11-G10-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 50LPM | £146.51 | € 197.79 | D111G10A | £26.35 | € 35.58 |
| ZZ005656 | F420-D1-12-G10-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 65LPM | £156.38 | € 211.11 | D112G10A | £40.08 | € 54.10 |
| ZZ005660 | F420-D1-12-G10-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 50LPM | £151.82 | € 204.95 | D112G10A | £40.08 | € 54.10 |
| ZZ005664 | F420-D1-20-G10-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 65LPM | £166.15 | € 224.29 | D120G10A | £33.37 | € 45.06 |
| ZZ005670 | F420-D1-20-G10-A-B-B5-D-T-Z30 | 1" | 420 BAR | 80LPM | £151.49 | € 204.51 | D120G10A | £33.37 | € 45.06 |
| ZZ006607 | F420-D1-40-G10-A-B-B5-D-T-Z30 | 1" | 420 BAR | 95LPM | £244.30 | € 329.80 | D140G10A | £49.41 | € 66.70 |
| ZZ006611 | F420-D1-40-G10-A-B-B6-D-T-Z30 | 1 1/4" | 420 BAR | 130LPM | £269.11 | € 363.30 | D140G10A | £49.41 | € 66.70 |
| ZZ006615 | F420-D1-40-G10-A-B-B7-D-T-Z30 | 1 1/2" | 420 BAR | 155LPM | £279.61 | € 377.47 | D140G10A | £51.45 | € 69.45 |
| **25 MICRON FIBREGLASS** | | | | | | | | | |
| ZZ005637 | F420-D1-10-G25-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 22LPM | £128.50 | € 173.47 | D110G25A | £22.96 | € 31.00 |
| ZZ005641 | F420-D1-10-G25-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 55LPM | £128.34 | € 173.25 | D110G25A | £22.96 | € 31.00 |
| ZZ005645 | F420-D1-11-G25-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 35LPM | £142.73 | € 192.69 | D111G25A | £25.01 | € 33.77 |
| ZZ005653 | F420-D1-11-G25-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 65LPM | £144.12 | € 194.56 | D111G25A | £25.01 | € 33.77 |
| ZZ005657 | F420-D1-12-G25-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 100LPM | £154.08 | € 208.02 | D112G25A | £36.20 | € 48.87 |
| ZZ005661 | F420-D1-12-G25-A-B-B3-D-T-Z30 | 1/2" | 420 BAR | 80LPM | £146.42 | € 197.65 | D112G25A | £36.20 | € 48.87 |
| ZZ005665 | F420-D1-20-G25-A-B-B4-D-T-Z30 | 3/4" | 420 BAR | 95LPM | £168.23 | € 227.11 | D120G25A | £32.17 | € 43.43 |
| ZZ006604 | F420-D1-20-G25-A-B-B5-D-T-Z30 | 1" | 420 BAR | 110LPM | £153.58 | € 207.33 | D120G25A | £32.17 | € 43.43 |
| ZZ006608 | F420-D1-40-G25-A-B-B5-D-T-Z30 | 1" | 420 BAR | 140LPM | £246.01 | € 332.11 | D140G25A | £44.51 | € 60.09 |
| ZZ006612 | F420-D1-40-G25-A-B-B6-D-T-Z30 | 1 1/4" | 420 BAR | 165LPM | £270.82 | € 365.61 | D140G25A | £44.51 | € 60.09 |
| ZZ006616 | F420-D1-40-G25-A-B-B7-D-T-Z30 | 1 1/2" | 420 BAR | 190LPM | £281.39 | € 379.88 | D140G25A | £44.51 | € 60.09 |

## FILTREC FILTERS

# FILTREC ACCESSORIES


| PRODUCT | PAGE |
|---|---|
| CLOGGING INDICATORS | 386 |
| ELECTRIC LEVEL INDICATORS | 397 |
| ELECTRIC FLOATING LEVEL GAUGES | 399 |
| SIGHT GLASSES, PLUGS AND BREATHERS | 405 |











QUALITY PRODUCTS

FREE ADVICE

FOR SALES & ADVICE CALL US 01584 876033

# CLOGGING INDICATORS

www.flowfitonline.com
TECH. DATA SHEET
FA01



### TECHNICAL INFORMATION

Clogging indicators controlling and determinating the moment when filter change should take place are available for the entire FILTREC assembly range.

### ABSOLUTE pressure indicators

They measure the pressure in the filter vs the atmospheric one. Usually they are used on return line filters discharging in tank.

### Clogging indicators

• **Visual:** The indicator is provided with a bar and a psi scale. The pointer inidicates clog value.

• **Electrical:** Electrical signal indicates clog value. It is used in hard to reach areas, the signal is visible on a control panel through a led.

### DIFFERENTIAL pressure indicators

Differential pressure indicators measure the difference in pressure between the dirty and the clean side of the filter. They are not affected by atmospherical pressure. Usually they are used on pressure and return line filters.

### Clogging indicators:

• **Visual:** A colored indicator reports when pressure setting is reached:

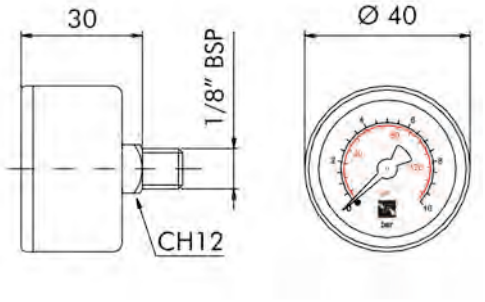
GREEN = differential pressure minor than setting value

RED = differential pressure major than setting value

• **Electrical:** An electrical signal indicates when admissible differential pressure is reached. It is used in hard to reach areas, the signal is visible on a control panel through a luminous led.

• **Visual Electrical:** Both colored indicator and electrical signal indicate when pressure setting is reached.

FILTREC Technical Filtration




### *PRESSURE GAUGE INDICATOR*

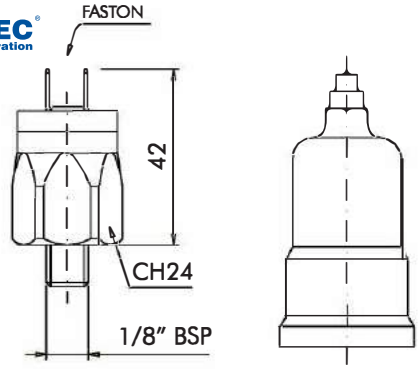
*- Housing in black ABS material*

| *Symbol* |
|---|
|  |

| *Code* | *Setting* |
|---|---|
| **R1** | 0 ÷ 10 bar (*black color*)<br>0 ÷ 145 psi (*red color*) |

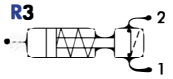
| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| R1 | PRESSURE GAUGE INDICATOR | 0-10 BAR (BLACK) 0-145 PSI (RED) | 1/8" BSP | £4.08 | € 5.51 |

FILTREC Technical Filtration



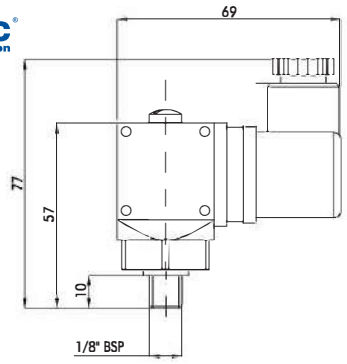

### *PRESSURE SWITCH*

- *Current: 0,5 A resistive/ 0,2 A inductive*
- *Max voltage: 250V AC*
- *Cap: PVC*

| • *Symbol* | *Symbol* |
|---|---|
| **R2**  | **R3**  |

| *Code* | *Setting* | *Contact* |
|---|---|---|
| **R2** | 1,3 bar (18,85 psi) | N.A.<br>O.C. |
| **R3** | 1,3 bar (18,85 psi) | N.C.<br>C.C. |

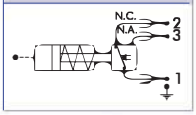
| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| R2 | PRESSURE SWITCH | 1.3 BAR 18.85 PSI N.A O.C | 1/8" BSP | £15.87 | € 21.42 |
| R3 | PRESSURE SWITCH | 1.3 BAR 18.85 PSI N.C C.C | 1/8" BSP | £15.63 | € 21.10 |




### PRESSURE SWITCH

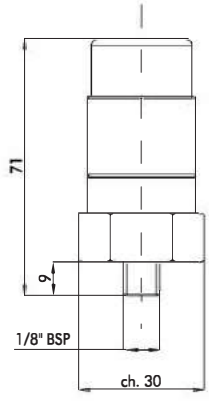
- *Current: 5 A resistive*
- *Max voltage: 250V AC*
- *Protection: IP65 as per DIN 40050*
- *Setting range: 0,5 - 10 bar*

*Symbol*




| Code | Setting |
|---|---|
| **R4** | 1,3 bar *(18,85 psi)* |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| R4 | PRESSURE SWITCH | 1.3 BAR 18.85 PSI | 1/8" BSP | £53.89 | € 72.76 |




### VISUAL PRESSURE

*Symbol*

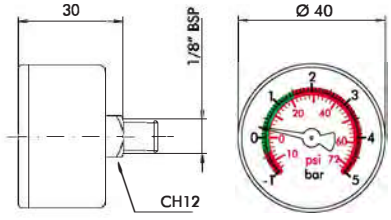


| Code | Setting |
|---|---|
| **R6** | 1,2 bar - *17,4 psi* |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| R6 | VISUAL PRESSURE | 1.2 BAR 17.4 PSI | 1/8" BSP | £18.51 | € 24.99 |

### PRESSURE VACUUM GAUGE

- *Housing in black ABS material*




*Symbol*



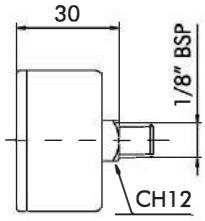
| Code | Setting |
|---|---|
| **R7** | -1 ÷ 5 bar ( *black color*)<br>- 14,5 ÷ 72,5 psi ( *red color*) |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| R7 | PRESURE VACUUM GAUGE | -1 TO 5BAR (BLACK) 14.5 TO 72.5 PSI (RED) | 1/8" BSP | £5.17 | € 6.99 |

FILTREC Technical Filtration

## VACUUM GAUGE

*Housing in black ABS material*







| Symbol |
|---|
|  |

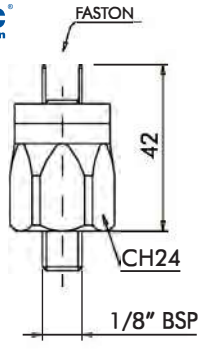
| Code | Setting |
|---|---|
| S1 | 0 ÷ -1 bar ( black color)<br>0 ÷ - 14,5 psi ( red color) |

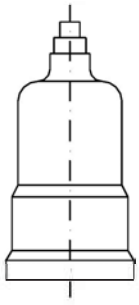
| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| S1 | VACUUM GAUGE | 0 TO -1 BAR (BLACK) 0 TO 114.5 PSI (RED) | 1/8" BSP | £6.08 | € 8.21 |

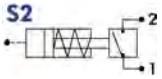
FILTREC Technical Filtration

## VACUUM SWITCH

- *Current: 0,5 A resistive/ 0,2 A inductive*
- *Max voltage: 250V AC*
- *Cap: PVC*



| Symbol |
|---|
| S2  |

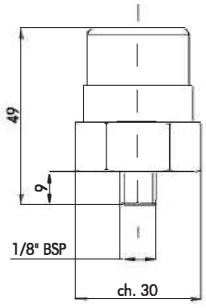
| Symbol |
|---|
| S3  |

| Code | Setting | Contact |
|---|---|---|
| S2 | -0,2 bar (-2,9 psi) | N.A.<br>O.C. |
| S3 | -0,2 bar (-2,9 psi) | N.C.<br>C.C. |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| S2 | VACUUM SWITCH | -0.2 BAR (2.9 PSI) N.A O.C | 1/8" BSP | £21.36 | € 28.84 |
| S3 | VACUUM SWITCH | -0.2 BAR -2.9 PSI N.C C.C | 1/8" BSP | £18.06 | € 24.38 |

FILTREC Technical Filtration

## VACUUM SWITCH VIEW

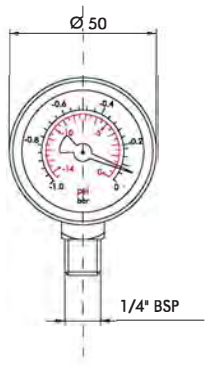



| Symbol |
|---|
|  |

| Code | Setting |
|---|---|
| S4 | -0,3 bar / -4,35 psi |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| S4 | VACUUM SWITCH VIEW | -0.3 BAR -4.35PSI | 1/8" BSP | £10.21 | € 13.78 |

FILTREC® Technical Filtration




### VACUUM GAUGE

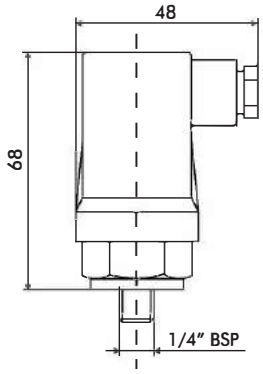
*Housing in black ABS material*

| Symbol |
|---|
|  |

| Code | Setting |
|---|---|
| S5 | 0 ÷ -1 bar (black color)<br>0 ÷ - 14,5 psi (red color) |

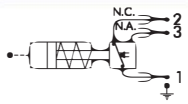
| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| S5 | VACUUM GAUGE | 0 TO -1 BAR (BLACK) 0 TO -14.5 PSI (RED) | 1/4" BSP | £3.27 | € 4.42 |

FILTREC® Technical Filtration




### VACUUM SWITCH

- *Current: 5 A resistive*
- *Max voltage: 250V AC*
- *Protection: IP65 as per DIN 40050*

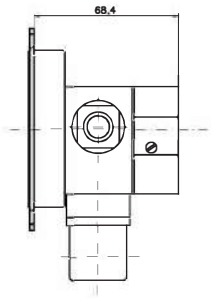
| Symbol |
|---|
|  |

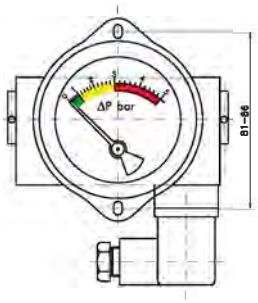


| Code | Setting |
|---|---|
| S6 | -0,2 bar (-2,9 psi) |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| S6 | VACUUM SWITCH | -0.2 BAR -2.9 PSI | 1/4" BSP | £48.99 | € 66.14 |

FILTREC Technical Filtration

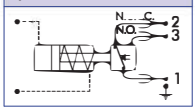



### *DIFFERENTIAL ELECTRIC VISUAL SWITCH*

*Visual indicator:*
- *0÷1 bar (14,5 psi) green*
- *1÷3 bar (43,5 psi) yellow*
- *3÷5 bar (72,5 psi) red*

*Symbol*

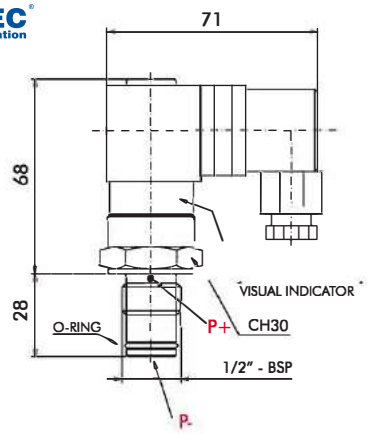



| Code | Setting |
|---|---|
| **Z10*** | 2 bar *(29 psi)* |

*For other information please contact our technical department.*
*Recommended for oil filters.*

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z10 | DIFFERENTIAL ELECTRIC VISUAL SWITCH | 2 BAR 29 PSI | | £621.00 | € 838.35 |

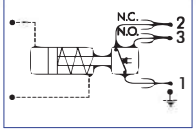
FILTREC Technical Filtration




### *DIFFERENTIAL ELECTRIC VISUAL SWITCH*

- *Visual indicator:*
  *-GREEN: clean element*
  *- RED: dirty element*
- *Electrig plug connection as per DIN 43650*
- *Protection: IP65 secondo DIN 40050*
- *Max current: 5A resistive 5A inductive*
- *Max voltage: 250V AC - 30V DC*

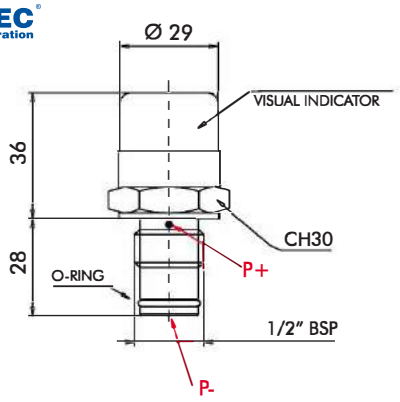
Simbolo - *Symbol*




| Code | Setting |
|---|---|
| **Z25** | 2 bar *(29 psi)* |
| **Z27** | 5 bar *(72,5 psi)* |
| **Z29** | 8 bar *(116 psi)* |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z25 | DIFFERENTIAL ELECTRIC VISUAL SWITCH | 2 BAR 29 PSI | 1/2" BSP | £34.84 | € 47.03 |
| Z27 | DIFFERENTIAL ELECTRIC VISUAL SWITCH | 5 BAR 72.5 PSI | 1/2" BSP | £34.84 | € 47.03 |
| Z29 | DIFFERENTIAL ELECTRIC VISUAL SWITCH | 8 BAR 116 PSI | 1/2" BSP | £34.84 | € 47.03 |

FILTREC Technical Filtration

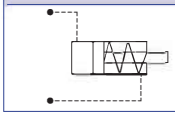



### *DIFFERENTIAL VISUAL SWITCH*

*Visual indicator:*
- *GREEN: clean element*
- *RED: dirty element*

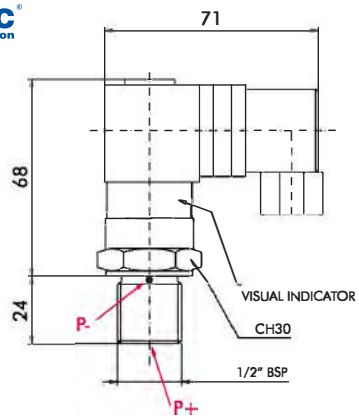
| Code | Setting |
|---|---|
| **Z24** | 2 bar *(29 psi)* |
| **Z26** | 5 bar *(72,5 psi)* |
| **Z28** | 8 bar *(116 psi)* |

*Symbol*



| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z24 | DIFFERENTIAL VISUAL SWITCH | 2 BAR 29 PSI | 1/2" BSP | £25.32 | € 34.17 |
| Z26 | DIFFERENTIAL VISUAL SWITCH | 5 BAR 72.5 PSI | 1/2" BSP | £25.32 | € 34.17 |
| Z28 | DIFFERENTIAL VISUAL SWITCH | 8 BAR 116 PSI | 1/2" BSP | £25.32 | € 34.17 |

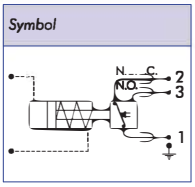
FILTREC Technical Filtration




### *DIFFERENTIAL ELECTRIC VISUAL SWITCH*

*Visual indicator:*
*-GREEN: clean element*
*- RED: dirty element*
- *Electrig plug connection as per DIN 43650*
- *Protection: IP65 secondo DIN 40050*
- *Max current: 5A resistive 5A inductive*
- *Max voltage: 250V AC - 30V DC*

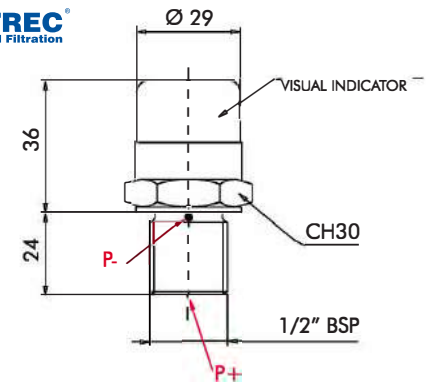
*Symbol*




| Code | Setting |
|---|---|
| **Z4** | 5 bar *(72,5 psi)* |
| **Z6** | 8 bar *(116 psi)* |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z4 | DIFFERENTIAL ELECTRICAL VISUAL SWITCH | 5 BAR 72.5 PSI | 1/2" BSP | £34.02 | € 45.93 |
| Z6 | DIFFERENTIAL ELECTRICAL VISUAL SWITCH | 8 BAR 116 PSI | 1/2" BSP | £34.02 | € 45.93 |

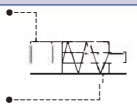
FILTREC® Technical Filtration




### *DIFFERENTIAL VISUAL SWITCH*

*Visual indicator:*
*- GREEN: clean element*
*- RED: dirty element*

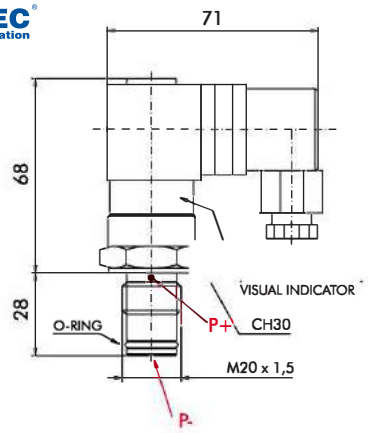
*Symbol*



| Code | Setting |
|---|---|
| **Z3** | 5 bar *(72,5 psi)* |
| **Z5** | 8 bar *(116 psi)* |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z3 | DIFFERENTIAL VISUAL SWITCH | 5 BAR 72.5 PSI | 1/2" BSP | £25.97 | € 35.07 |
| Z5 | DIFFERENTIAL VISUAL SWITCH | 8 BAR 116 PSI | 1/2" BSP | £24.49 | € 33.07 |

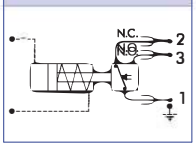
FILTREC® Technical Filtration




### *DIFFERENTIAL ELECTRIC VISUAL SWITCH*

- *Visual indicator:*
  *-GREEN: clean element*
  *- RED: dirty element*
- *Electrig plug connection as per DIN 43650*
- *Protection: IP65 secondo DIN 40050*
- *Max current: 5A resistive 5A inductive*
- *Max voltage: 250V AC - 30V DC*

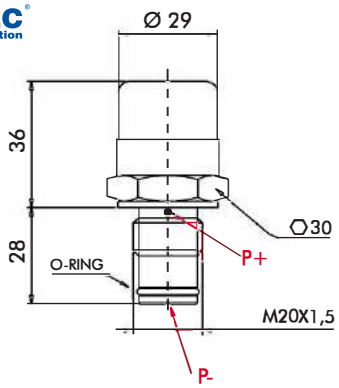
*Symbol*




| Code | Setting |
|---|---|
| **Z2** | 1,3 bar *(18,85 psi)* |
| **Z13** | 5 bar *(72,5 psi)* |
| **Z18** | 8 bar *(116 psi)* |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z2 | DIFFERENTIAL ELECTRICAL VISUAL SWITCH | 1.3 BAR 18.85 PSI | M20 X 1.5 | £34.84 | € 47.03 |
| Z13 | DIFFERENTIAL ELECTRIC VISUAL SWITCH | 5 BAR 72.5 PSI | M20 x 1.5 | £34.84 | € 47.03 |
| Z18 | DIFFERENTIAL ELECTRIC VISUAL SWITCH | 8 BAR 116 PSI | M20 x 1.5 | £34.02 | € 45.93 |

FILTREC Technical Filtration

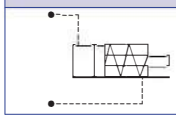



### DIFFERENTIAL VISUAL SWITCH

*Visual indicator:*
- *GREEN: clean element*
- *RED: dirty element*

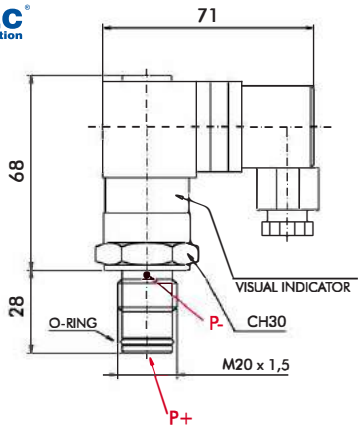
| Code | Setting |
|---|---|
| **Z1** | 1,3 bar *(18,85 psi)* |
| **Z12** | 5 bar *(72,5 psi)* |
| **Z17** | 8 bar *(116 psi)* |

*Symbol*



| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z1 | DIFFERENTIAL VISUAL SWITCH | 1.3 BAR 18.85 PSI | M20 X 1.5 | £25.32 | € 34.17 |
| Z12 | DIFFERENTIAL VISUAL SWITCH | 5 BAR 72.5 PSI | M20 x 1.5 | £25.32 | € 34.17 |
| Z17 | DIFFERENTIAL VISUAL SWITCH | 8 BAR 116 PSI | M20 x 1.5 | £25.32 | € 34.17 |

FILTREC Technical Filtration

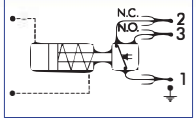



### DIFFERENTIAL ELECTRIC VISUAL SWITCH

- *Visual indicator:*
  *-GREEN: clean element*
  *- RED: dirty element*
- *Electrig plug connection as per DIN 43650*
- *Protection: IP65 secondo DIN 40050*
- *Max current: 5A resistive 5A inductive*
- *Max voltage: 250V AC - 30V DC*

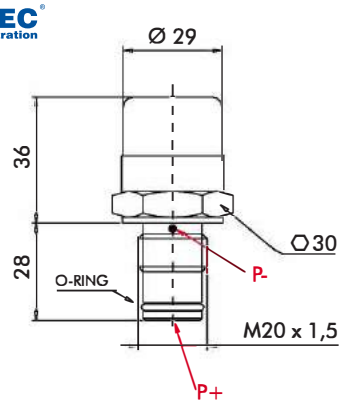
| Code | Setting |
|---|---|
| **Z16** | 1,3 bar *(18,85 psi)* |
| **Z31** | 5 bar *(72,5 psi)* |
| **Z33** | 8 bar *(116 psi)* |
| **Z38** | 2,7 bar *(40 psi)* |

*Symbol*




| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z16 | DIFFERENTIAL ELECTRIC VISUAL SWITCH | 1.3 BAR 18.85 PSI | M20 x 1.5 | £34.84 | € 47.03 |
| Z31 | DIFFERENTIAL ELECTRIC VISUAL SWITCH | 5 BAR 72.5 PSI | M20 x 1.5 | £34.84 | € 47.03 |
| Z33 | DIFFERENTIAL ELECTRIC VISUAL SWITCH | 8 BAR 116 PSI | M20 x 1.5 | £34.84 | € 47.03 |
| Z38 | DIFFERENTIAL ELECTRIC VISUAL SWITCH | 2.7 BAR 40 PSI | M20 x 1.5 | £34.84 | € 47.03 |

FILTREC Technical Filtration

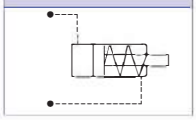



***DIFFERENTIAL VISUAL SWITCH***

*Visual indicator:*

- *GREEN: clean element*
- *RED: dirty element*

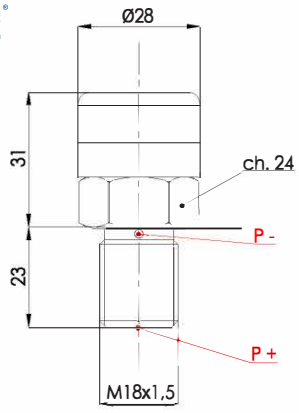
*Symbol*



| *Code* | *Setting* |
|---|---|
| **Z15** | 1,3 bar *(18,85 psi)* |
| **Z30** | 5 bar *(72,5 psi)* |
| **Z32** | 8 bar *(116 psi)* |
| **Z37** | 2,7 bar *(40 psi)* |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z15 | DIFFERENTIAL VISUAL SWITCH | 1.3 BAR 18.85 PSI | M20 x 1.5 | £25.32 | € 34.17 |
| Z30 | DIFFERENTIAL VISUAL SWITCH | 5 BAR 72.5 PSI | M20 x 1.5 | £25.32 | € 34.17 |
| Z32 | DIFFERENTIAL VISUAL SWITCH | 8 BAR 116 PSI | M20 x 1.5 | £25.32 | € 34.17 |
| Z37 | DIFFERENTIAL VISUAL SWITCH | 2.7 BAR 40 PSI | M20 x 1.5 | £25.32 | € 34.17 |

FILTREC Technical Filtration



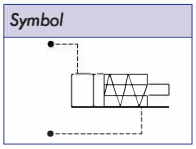

***DIFFERENTIAL VISUAL SWITCH***

*Visual indicator:*

*-GREEN: clean element*

*- RED: dirty element*

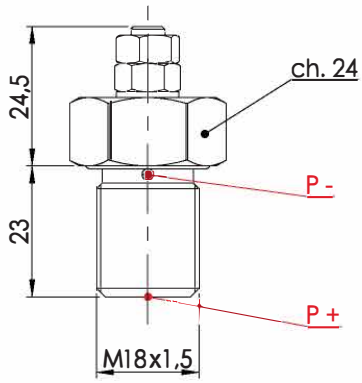
*Symbol*

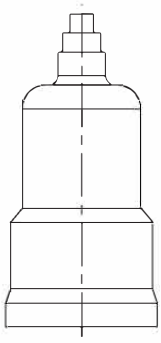


| *Code* | *Setting* |
|---|---|
| **Z20** | 1,3 bar *(18,85 psi)* |

| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z20 | DIFFERENTIAL VISUAL SWITCH | 1.3 BAR 18.85 PSI | M18 x 1.5 | £14.16 | € 19.12 |

FILTREC® Technical Filtration

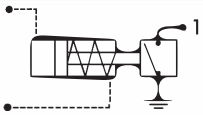


## *DIFFERENTIAL ELECTRIC SWITCH*

- *Max current: 0,5A resistive / 0,2A inductive*
- *Max voltage: 30V AC*
- *Protection: IP64 as per DIN 40050*

*Symbol*




| Code | Setting |
|---|---|
| **Z21** | 1,3 bar *(18,85 psi)* |

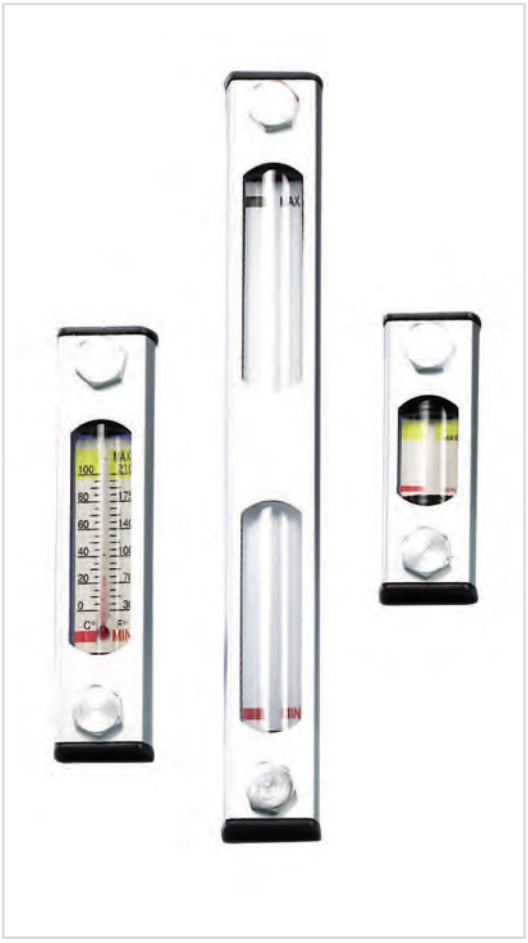
| ORDER CODE | DESCRIPTION | SETTING | THREAD | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| Z21 | DIFFERENTIAL ELECTRIC SWITCH | 1.3 BAR 18.85 PSI | M18 x 1.5 | £11.71 | € 15.80 |

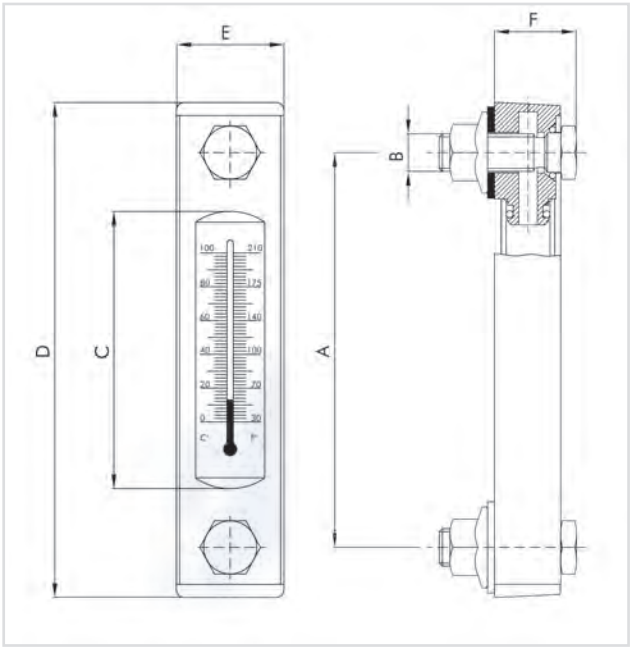


# SERIE FL - FLUID LEVEL TEMPERATURE GAUGES

FILTREC Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FA02






**Technical Information**

**Description:** Fluid level temperature gauges

**Max working pressure:** 1 Bar (14.5 psi)

**Connection Ports:** Metric

**Working temperature:** -20°C +80°C (-4°F +1 76°F)

**Thermometer:** Double scale 0°C + 100°C 30°F + 210 °F

**Materials:**
- •Heads: nylon
- •Protection: anodized aluminium
- •Screws: zinc steel
- •Seal: Buna-N compatible as per ISO 2943 with mineral oil (HH-HL-HM-HR-HV-HG) water oil emulsions (HFAE-HFAS)

| CODE | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| FL-1 | 76 | M10 | 35 | 106 | 36 | 30 |
| FL-2 | 127 | | 86 | 157 | 36 | 30 |
| FL-3 | 254 | M12 | 213 | 284 | 36 | 30 |

| ORDER CODE | HOLE CENTRES | BOLT THREAD SIZE | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| FL1M10 | 76mm | M10x1.5 | £8.39 | € 11.33 |
| FL1M12 | 76mm | M12x1.75 | £8.39 | € 11.33 |
| FL1TM10 | 76mm | M10x1.5 | £8.52 | € 11.50 |
| FL1TM12 | 76mm | M12x1.75 | £9.30 | € 12.55 |
| FL2M10 | 127mm | M10x1.5 | £9.21 | € 12.44 |
| FL2M12 | 127mm | M12x1.75 | £9.21 | € 12.44 |
| FL2TM10 | 127mm | M10x1.5 | £9.80 | € 13.22 |
| FL2TM12 | 127mm | M12x1.75 | £9.80 | € 13.22 |
| FL3M10 | 254mm | M10x1.5 | £14.63 | € 19.75 |
| FL3M12 | 254mm | M12x1.75 | £14.63 | € 19.75 |
| FL3TM10 | 254mm | M10x1.5 | £16.68 | € 22.51 |
| FL3TM12 | 254mm | M12x1.75 | £16.68 | € 22.51 |

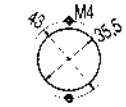
# ELECTRIC LEVEL INDICATORS

## FLOATING LEVEL GAUGE BSP AND 3 HOLE MOUNT

www.flowfitonline.com
TECH. DATA SHEET
**FA03**



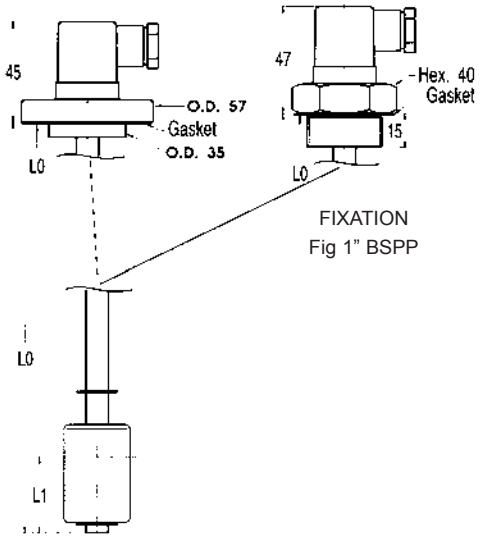





FIXATION
Fig 1




FIXATION
Fig 2




FIXATION
Fig 1" BSPP

Tank-top mounted they give an electrical signal when the minimum fluid level is reached. They are always supplied with open contacts.

With just one contact you have both possible electric connections normally open or normally closed.

- Min or min/max level monitoring
- Compatible with mineral oils, oil-water emulsions, diesel and water
- Unsinkable floater
- Electric contact hermetically sealed inside the floater rod
- Flanged or nut type fixation to tank cover

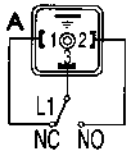
**VOLTAGE**
All voltages DC/AC up to 240V

**MAX CURRENT**
220V, 60W, 60VA, A1

**TEMPERATURE RANGE**
-10 to +80˚C

**MAX PRESSURE**
12 Bar

Electric connections



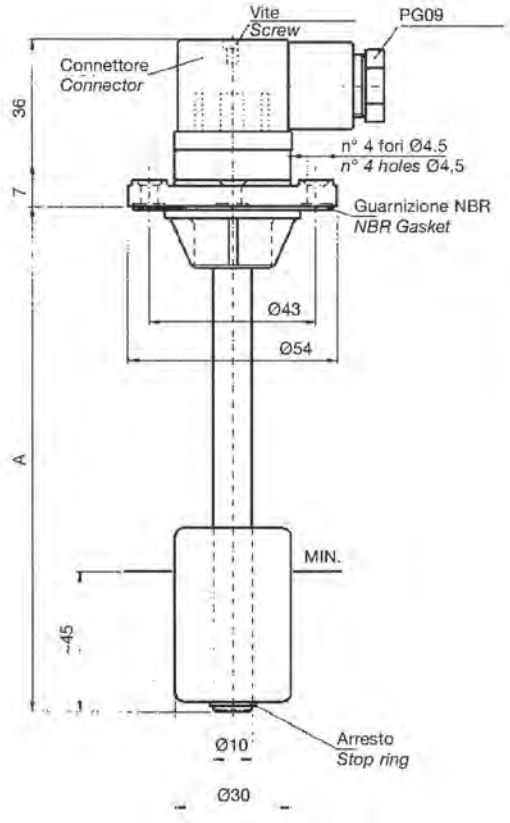

ORDER ШT THE ONE AND YOU HAVE ALL THREE FIXING POINTS IN ONE LEVEL GAUGE

| PART NUMBER | LENGTH (LO) | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FLG100 | 100mm | £66.43 | € 89.68 |
| FLG150 | 150mm | £68.36 | € 92.30 |
| FLG200 | 200mm | £69.87 | € 94.32 |
| FLG250 | 250mm | £71.22 | € 96.14 |
| FLG300 | 300mm | £73.16 | € 98.77 |
| FLG350 | 350mm | £73.16 | € 98.77 |
| FLG400 | 400mm | £76.33 | € 103.05 |
| FLG450 | 450mm | £76.33 | € 103.05 |
| FLG550 | 500mm | £102.51 | € 138.39 |

# ELECTRIC FLOAT LEVEL SWITCHES 2 HOLE MOUNT

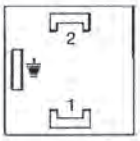
www.flowfitonline.com
TECH. DATA SHEET
FA03

## LM1CFPA...
## LM2CFPA...




Collegamenti elettrici standard
*Standard electrical connection*

**LM1CFPA**




**Material:** Flange in thermoplastic, brass stem, stop rings in bronze, NBR float.

NB:Customized lengths can be supplied on request. Max length 1500mm

Executions also available in accordance with the Directive ATEX 94//9/EC on intrinsic safety equipment with marking II 1/2 G Ex ia IIB T6.

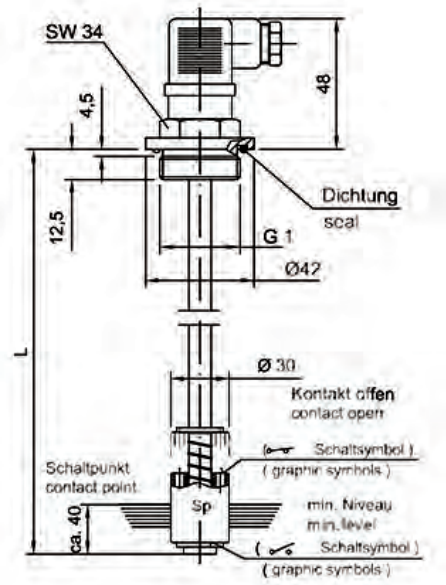
| PART NUMBER | LENGTH (A) | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| LM1CFPA100 | 100 | £58.58 | € 79.08 |
| LM1CFPA150 | 150 | £60.29 | € 81.39 |
| LM1CFPA200 | 200 | £61.70 | € 83.30 |
| LM1CFPA250 | 250 | £122.91 | € 165.93 |
| LM1CFPA300 | 300 | £64.52 | € 87.10 |
| LM1CFPA350 | 350 | £64.52 | € 87.10 |
| LM1CFPA400 | 400 | £67.32 | € 90.88 |
| LM1CFPA450 | 450 | £67.32 | € 90.88 |
| LM1CFPA500 | 500 | £70.95 | € 95.77 |

# ELECTRIC FLOATING LEVEL GAUGES

## SERIE NS 1 WITH 1 SWITCH CONTACT

www.flowfitonline.com
TECH. DATA SHEET
FA03






DESCRIPTION

- Electrical level supervision
- Appropriate for mineral oil, diesel and benzine
- 1 switch contact
- Electrical circuit for level, min/max
- Standard version level max = contact open

TECHNICAL DATA

- Stem: Brass
- Float: Nylon
- Max. Temp: 80° C
- Protection: IP 65
- Hysteresis: 2-3 mm
- Max voltage: 250 VAC
- Max switch current: Level 1.3 A
- Power AC/DC Level: 80 W/VA

contact open with max. level

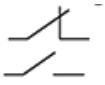


contact closed with min. level



By turning the float the contact is changed to:

max. level - contact closed
min. level contact open



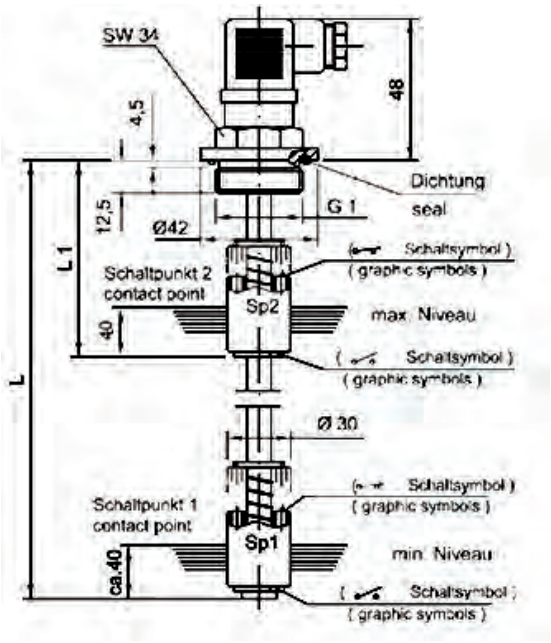
| PART NUMBER | TYPE | L | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| FLG1420 | NS 1-N0/100 | 100 | £57.06 | € 77.03 |
| FLG1422 | NS 1-N0/150 | 150 | £54.87 | € 74.08 |
| FLG1424 | NS 1-N0/200 | 200 | £58.16 | € 78.52 |
| FLG1426 | NS 1-N0/250 | 250 | £61.23 | € 82.65 |
| FLG1428 | NS 1-NO/300 | 300 | £61.43 | € 82.93 |
| FLG1430 | NS 1-N0/350 | 350 | £61.43 | € 82.93 |
| FLG1432 | NS 1-N0/400 | 400 | £63.88 | € 86.24 |
| FLG1434 | NS 1-NO/500 | 500 | £66.60 | € 89.91 |



# SERIE NS 2 WITH 2 SWITCH CONTACTS

www.flowfitonline.com
TECH. DATA SHEET
**FA03**






DESCRIPTION

- Electrical level supervision
- Appropriate for mineral oil, diesel and benzine
- 2 switch contacts
- Electrical circuit for level, min/max
- Standard version level max = contact open

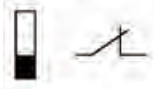
TECHNICAL DATA

- Stem: Brass
- Float: Nylon
- Max. Temp: 80° C
- Protection: IP 65
- Hysteresis: 2-3 mm
- Max voltage: 250 VAC
- Max. Schaltstrom / Max switch current: Level 1.3 A
- Power AC/DC Level: 80 W/VA

**Sp 1**
contact open with max. level



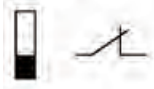
contact closed with min. level



**Sp 2**
contact open with max. level



contact closed with min. level



By turning the float the contact is changed to:
max. level - contact closed
min. level contact open



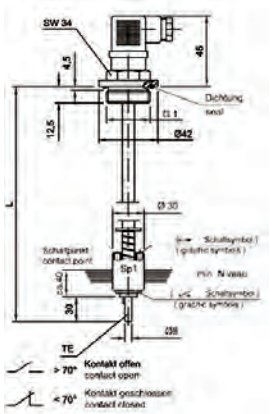
| PART NUMBER | TYPE | L | $L_1$ | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| FLG 1457 | NS 2-N0/250/105 | 250 | 105 | £154.45 | € 208.50 |
| FLG1459 | NS 2-NO/300/ 105 | 300 | 105 | £154.45 | € 208.50 |
| FLG1461 | NS 2-N0/350/115 | 350 | 115 | £154.45 | € 208.50 |
| FLG1463 | NS 2-N0/400/115 | 400 | 115 | £160.41 | € 216.56 |
| FLG 1465 | NS 2-NO/500/ 125 | 500 | 125 | £160.41 | € 216.56 |

FOR SALES & ADVICE CALL US 01584 876033

# SERIE NS 1-TE WITH TEMPERATURE SWITCH

www.flowfitonline.com
TECH. DATA SHEET
FA03

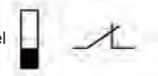





contact open with max. level



contact closed with min. level



By turning the float the contact is changed to:

max. level - contact closed
min. level contact open



DESCRIPTION

- Electrical level supervision
- Appropriate for mineral oil, diesel and benzine
- 1 switch contact
- Electrical circuit for level, min/max
- Standard version level max = contact open

TECHNICAL DATA

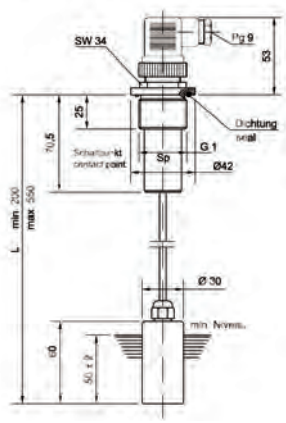
- Stem: Brass
- Max. Temp: 80° C
- Hysteresis: 2-3 mm
- Max. Volt / Max voltage: 250 VAC
- Max switch current: Niveau 1,3 A Temperatur 0,5 A
- Power AC/DC Niveau/Level:80W/VA
- Power AC/DC Temperatur:1A1A/ A/A

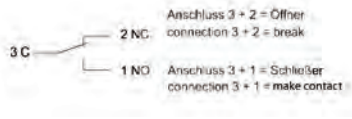
| PART NUMBER | TYPE | L | TEMP. | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| FLGI502 | NS 1-NO/ 150 TE 70° NC | 150 | 70° | £113.84 | € 153.68 |
| FLGI504 | NS 1-NO/200 TE 70° NC | 200 | 70° | £113.84 | € 153.68 |
| FLG1505 | NS 1-N0/240 TE 70° NC | 240 | 70° | £113.84 | € 153.68 |
| FLG1506 | NS 1-NO/ 250 TE 70° NC | 250 | 70° | £113.84 | € 153.68 |
| FLGI508 | NS 1-NO/ 300 TE 70° NC | 300 | 70° | £108.43 | € 146.38 |
| FLGI510 | NS 1-NO/350 TE 70° NC | 350 | 70° | £94.71 | € 127.85 |
| FLG1512 | NS 1-NO/ 400 TE 70° | 400 | 70° | £116.22 | € 156.89 |
| FLG1513 | NS 1-NO/450 TE 70° NC | 450 | 70° | £116.22 | € 156.89 |
| FLG1514 | NS 1-N0/500 TE 70° NC | 500 | 70° | £115.24 | € 155.57 |

# SERIE NS 1-VR WITH VARIABLE SWITCH CONTACT

www.flowfitonline.com
TECH. DATA SHEET
FA03






DESCRIPTION

- Electrical level supervision
- Appropriate for mineral oil, diesel and benzine
- The indication level can be adjusted between 200-500 mm by cutting the stem of the length required

TECHNICAL DATA

- Stem: Indox nisi 304
- Float: NBR
- Max. Temp: - 15... + 80° C
- Hysteresis: 2-3 mm
- Type of contact: Reed
- Max voltage: 230 VAC
- Max. switch current: Level 1.0 A
- Protection: IP 65
- Power AC/DC Level:50 W/VA

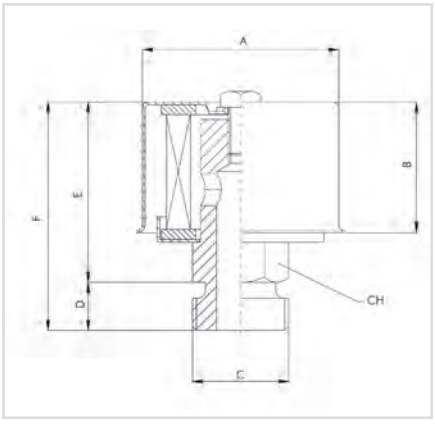
| PART NUMBER | TYPE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FLG1410 | NS 1-VR (200-550 mm) | £119.86 | € 161.81 |

# SERIE FB - 1
# AIR BREATHER FILTERS

FILTREC Technical Filtration

www.flowfitonline.com
TECH. DATA SHEET
FA04






**Technical Information**
**Description:** Thread air breather filters.
**Max flow rate:** FB1-10 200 l/min. (53 gpm)
FB1-20 500 l/min. (132 gpm)
FB1-20 1000 l/min. (264 gpm)
**Port Connection:** BSP — Metric
**Materials:** Zinc Steel

| CODE | A | B | V | D | E | F | CH |
|---|---|---|---|---|---|---|---|
| FB-1-10 | 48 | 32 | B1 | 9 | 45 | 54 | 14 |
| | 48 | 32 | B2 | 9 | 45 | 54 | 19 |
| | 48 | 32 | M12 | 9 | 45 | 54 | 14 |
| | 48 | 32 | M16 | 9 | 45 | 54 | 19 |
| | 48 | 32 | M18 | 9 | 45 | 54 | 19 |
| | 48 | 32 | M22 | 10 | 45 | 55 | 24 |
| FB-1-20 | 67 | 50 | B3 | 10 | 59 | 69 | 27 |
| | 67 | 50 | B4 | 10 | 59 | 69 | 27 |
| | 67 | 50 | M16 | 10 | 59 | 69 | 27 |
| FB-1-30 | 108 | 61 | B5 | 15 | 76 | 91 | 34 |

| ORDER CODE | THREAD | LENGTH | O/D | MICRON | AIRFLOW | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| FB110B1C05 | 1/4" BSP | 54mm | 48mm | 5 MICRON | 200 L/MIN | £7.55 | € 10.20 |
| FB110B1C10 | 1/4" BSP | 54mm | 48mm | 10 MICRON | 200 L/MIN | £7.55 | € 10.20 |
| FB110B1C40 | 1/4" BSP | 54mm | 48mm | 40 MICRON | 200 L/MIN | £7.83 | € 10.57 |
| FB110B2C05 | 3/8" BSP | 54mm | 48mm | 5 MICRON | 200 L/MIN | £8.16 | € 11.03 |
| FB110B2C10 | 3/8" BSP | 54mm | 48mm | 10 MICRON | 200 L/MIN | £8.16 | € 11.03 |
| FB110B2C40 | 3/8" BSP | 54mm | 48mm | 40 MICRON | 200 L/MIN | £8.51 | € 11.49 |
| FB120B3C05 | 1/2" BSP | 69mm | 67mm | 5 MICRON | 500 L/MIN | £11.18 | € 15.09 |
| FB120B3C10 | 1/2" BSP | 69mm | 67mm | 10 MICRON | 500 L/MIN | £10.55 | € 14.25 |
| FB120B3C40 | 1/2" BSP | 69mm | 67mm | 40 MICRON | 500 L/MIN | £10.89 | € 14.70 |
| FB120B4C05 | 3/4" BSP | 69mm | 67mm | 5 MICRON | 500 L/MIN | £15.49 | € 20.91 |
| FB120B4C10 | 3/4" BSP | 69mm | 67mm | 10 MICRON | 500 L/MIN | £16.42 | € 22.16 |
| FB120B4C40 | 3/4" BSP | 69mm | 67mm | 40 MICRON | 500 L/MIN | £15.82 | € 21.36 |
| FB130B5C05 | 1" BSP | 91mm | 108mm | 5 MICRON | 1000 L/MIN | £14.63 | € 19.75 |
| FB130B5C10 | 1" BSP | 91mm | 108mm | 10 MICRON | 1000 L/MIN | £14.63 | € 19.75 |
| FB130B5C40 | 1" BSP | 91mm | 108mm | 40 MICRON | 1000 L/MIN | £16.02 | € 21.62 |

# SERIE FT
# FILLER BREATHER FILTERS

FILTREC Technical Filtration

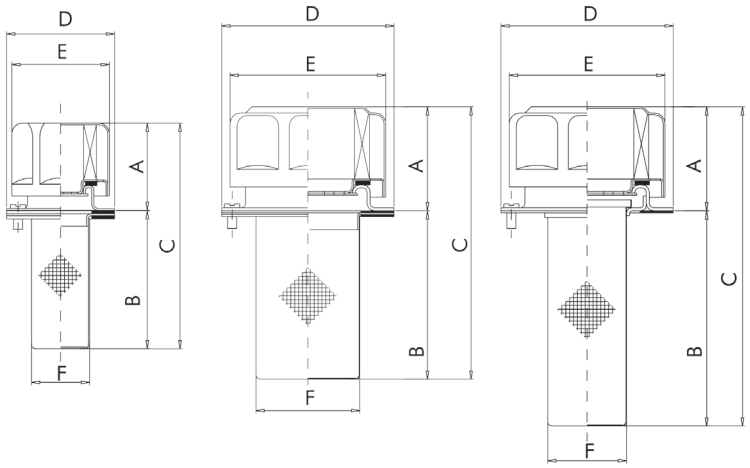
www.flowfitonline.com
TECH. DATA SHEET
FA05



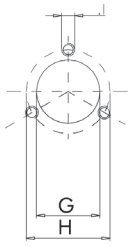
**Technical Information**
**Description:** Filler breathers filters
**Filter media:** Cellulose 10, 40p
**Max flow rate:** •FT-5 200 l/min (53 gpm)
•FT-7 and FT-8 500 l/min (132 gpm)
**Basket:** 500p
**Chain:** FT-8-../1 and FT-8-../2 are equipped with a connection chain between cap and flange.
**Materials:** •Cap: chrome plated steel
•Basket: zinc steel
•Flange: zinc steel
•Gasket: cork

| CODE | A | B | C | D | E | F | G | H | I | L | M | CHAIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FT-5 | 42 | 65 | 107 | 52 | 47 | 27,5 | 31 | 41 | M5 | --- | --- | No |
| FT-7 | 47 | 20 | 67 | --- | 75 | --- | --- | --- | --- | 3/4" BSP - NPT<br>1/2" BSP - NPT | | No |
| FT-8-.../1 | 50 | 80 | 130 | 83 | 75 | 50 | 52 | 73 | M5 | --- | --- | Si/Yes |
| FT-8-.../2 | 50 | 150 | 200 | 83 | 75 | 50 | 52 | 73 | m5 | --- | --- | Si/Yes |
| FT-8-.../F | 50 | 100 | 150 | 83 | 75 | 38 | 40 | 73 | m5 | --- | --- | No |
| FT-8-.../G | 50 | 100 | 150 | 83 | 75 | 38 | 40 | --- | --- | --- | --- | No |
| FT-8-.../S | 50 | 133 | 183 | 63,5 | 75 | 38 | 64 | --- | --- | --- | --- | No |

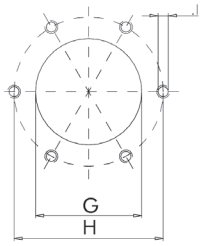
## OVERALL DIMENSIONS



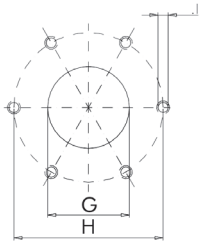

## TANK HOLE DIEMNSIONS



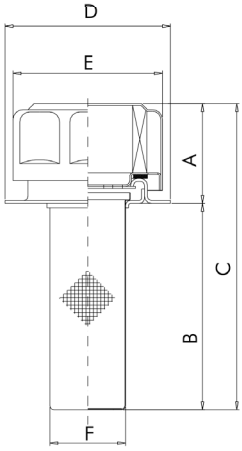

FT-5

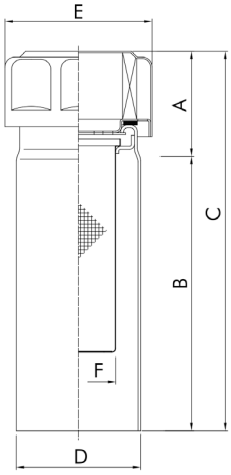


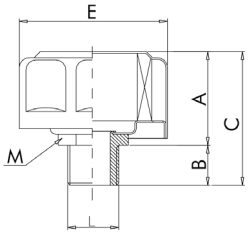

FT-8.../1
FT-8.../2




FT-8.../F

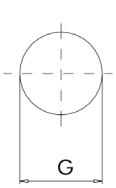


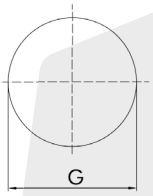




## OVERALL DIMENSIONS

## TANK HOLE DIEMNSIONS




FT-8.../G




FT-8.../S

FT-7

FILTREC® Technical Filtration

| ORDER CODE | OUTER DIAMETER | TOTAL LENGTH | WIDTH OF BASKET | LENGTH OF BASKET | MOUNTING | AIR RATING INNER ELEMENT | PRESSURISED RATING | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| **STANDARD FILLER BREATHERS** | | | | | | | | | |
| | | | | | | | | £ STERLING | € EUROS |
| FT5C10 | 52mm | 112mm | 29mm | 64mm | 3 HOLE P.C.D 41mm | 10 MICRON | N/A | £7.47 | € 10.09 |
| FT5C40 | 52mm | 112mm | 29mm | 64mm | 3 HOLE P.C.D 41mm | 40 MICRON | N/A | £6.87 | € 9.28 |
| FT8C101 | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 10 MICRON | N/A | £8.34 | € 11.25 |
| FT8C102 | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 10 MICRON | N/A | £8.34 | € 11.25 |
| FT8C401 | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 40 MICRON | N/A | £8.34 | € 11.25 |
| FT8C402 | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 40 MICRON | N/A | £10.82 | € 14.61 |
| **STANDARD LOCKABLE FILLER BREATHERS** | | | | | | | | | |
| FT8C1010L | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 10 MICRON | N/A | £11.84 | € 15.98 |
| FT8C1020L | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 10 MICRON | N/A | £15.09 | € 20.37 |
| FT8C4010L | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 40 MICRON | N/A | £12.94 | € 17.46 |
| FT8C4020L | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 40 MICRON | N/A | £16.32 | € 22.03 |
| **PRESSURISED FILLER BREATHERS** | | | | | | | | | |
| FT8C101V03 | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 10 MICRON | 0.35 BAR (5 PSI) | £20.62 | € 27.83 |
| FT8C101V07 | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 10 MICRON | 0.75 BAR (10.8 PSI) | £20.62 | € 27.83 |
| FT8C102V03 | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 10 MICRON | 0.35 BAR (5 PSI) | £21.46 | € 28.97 |
| FT8C102V07 | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 10 MICRON | 0.75 BAR (10.8 PSI) | £21.46 | € 28.97 |
| FT8C401V03 | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 40 MICRON | 0.35 BAR (5 PSI) | £17.53 | € 23.66 |
| FT8C401V07 | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 40 MICRON | 0.75 BAR (10.8 PSI) | £17.53 | € 23.66 |
| FT8C402V03 | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 40 MICRON | 0.35 BAR (5 PSI) | £18.37 | € 24.80 |
| FT8C402V07 | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 40 MICRON | 0.75 BAR (10.8 PSI) | £18.37 | € 24.80 |
| **PRESSURISED LOCKABLE FILLER BREATHERS** | | | | | | | | | |
| FT8C101V03L | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 10 MICRON | 0.35 BAR (5 PSI) | £26.06 | € 35.19 |
| FT8C101V07L | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 10 MICRON | 0.75 BAR (10.8 PSI) | £26.06 | € 35.19 |
| FT8C102V03L | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 10 MICRON | 0.35 BAR (5 PSI) | £26.06 | € 35.19 |
| FT8C102V07L | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 10 MICRON | 0.75 BAR (10.8 PSI) | £26.06 | € 35.19 |
| FT8C401V03L | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 40 MICRON | 0.35 BAR (5 PSI) | £22.97 | € 31.01 |
| FT8C401V07L | 83mm | 135mm | 78mm | 78mm | 6 HOLE P.C.D 73mm | 40 MICRON | 0.75 BAR (10.8 PSI) | £22.97 | € 31.01 |
| FT8C402V03L | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 40 MICRON | 0.35 BAR (5 PSI) | £23.81 | € 32.15 |
| FT8C402V07L | 83mm | 205mm | 148mm | 148mm | 6 HOLE P.C.D 73mm | 40 MICRON | 0.75 BAR (10.8 PSI) | £23.81 | € 32.15 |

| ORDER CODE | CAP WIDTH | TOTAL LENGTH | WIDTH OF BASKET | AIR RATING INNER ELEMENT | CONNECTION | PRESSURISED RATING | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| **THREADED FILLER BREATHERS** | | | | | | | | |
| | | | | | | | £ STERLING | € EUROS |
| FT7C10B300 | 75mm | 67mm | 75mm | 10 MICRON | 1/2" BSP | N/A | £11.25 | € 15.20 |
| FT7C10B400 | 75mm | 67mm | 75mm | 10 MICRON | 3/4" BSP | N/A | £11.25 | € 15.20 |
| FT7C40B300 | 75mm | 67mm | 75mm | 40 MICRON | 1/2" BSP | N/A | £11.25 | € 15.20 |
| FT7C40B400 | 75mm | 67mm | 75mm | 40 MICRON | 3/4" BSP | N/A | £11.25 | € 15.20 |
| **PRESSURISED FILLER BREATHERS** | | | | | | | | |
| FT7C10B3V03 | 75mm | 67mm | 75mm | 10 MICRON | 1/2" BSP | 0.35 BAR (5 PSI) | £18.91 | € 25.53 |
| FT7C10B3V07 | 75mm | 67mm | 75mm | 10 MICRON | 1/2" BSP | 0.75 BAR (10.8 PSI) | £18.91 | € 25.53 |
| FT7C10B4V03 | 75mm | 67mm | 75mm | 10 MICRON | 3/4" BSP | 0.35 BAR (5 PSI) | £18.91 | € 25.53 |
| FT7C10B4V07 | 75mm | 67mm | 75mm | 10 MICRON | 3/4" BSP | 0.75 BAR (10.8 PSI) | £18.91 | € 25.53 |
| FT7C40B3V03 | 75mm | 67mm | 75mm | 40 MICRON | 1/2" BSP | 0.35 BAR (5 PSI) | £18.91 | € 25.53 |
| FT7C40B3V07 | 75mm | 67mm | 75mm | 40 MICRON | 1/2" BSP | 0.75 BAR (10.8 PSI) | £18.91 | € 25.53 |
| FT7C40B4V03 | 75mm | 67mm | 75mm | 40 MICRON | 3/4" BSP | 0.35 BAR (5 PSI) | £18.91 | € 25.53 |
| FT7C40B4V07 | 75mm | 67mm | 75mm | 40 MICRON | 3/4" BSP | 0.75 BAR (10.8 PSI) | £18.91 | € 25.53 |

# SIGHT GLASSES, PLUGS AND BREATHERS

## OIL LEVEL SIGHT GLASSES (METAL)

www.flowfitonline.com
TECH. DATA SHEET
FA06

### FK



- Aluminium threaded with glass face
- Max temp. 150˚c
- Max pressure 3 Bar
- Knob type • Nitrile seals

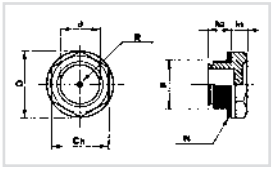
| ORDER NO. | THREAD BSP | WIDTH MM | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| FK14 | 1/4" | 19 | £2.45 | € 3.30 |
| FK38 | 3/8" | 22.5 | £3.03 | € 4.09 |
| FK12 | 1/2" | 27 | £4.33 | € 5.84 |
| FK34 | 3/4" | 32 | £6.53 | € 8.82 |
| FK10 | 1" | 38 | £6.96 | € 9.39 |
| FK114 | 1 1/4" | 48 | £13.35 | € 18.03 |
| FK112R | 1 1/2" | 55 | £7.25 | € 9.78 |
| FK20R | 2" | 76 | £79.86 | € 107.81 |

## OIL LEVEL SIGHT GLASS (PLASTIC)

www.flowfitonline.com
TECH. DATA SHEET
FA06

### SLNS - THREADED OIL LEVEL INDICATORS





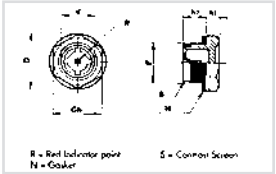
- Threaded Oil Level indicator, hex head with shoulder. Utilised in oiltanks, gearboxes and general machinery.
- This threaded level indicator allows a pressure of 3 bar.
- Asbestos free flat gasket. (available in NBR 70 shore on request)
- Manufactured from high density Polymide resin, which offers high mechanical resistance and withstands oil, gasoline, fuel and most solvents.

| ORDER NO. | CH | F | D | D | H1 | H2 | NM | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| SLNS14 | 17 | 1/4" BSP | 20 | 15 | 7 | 8 | 6 | £1.65 | € 2.24 |
| SLN38 | 18 | 3/8" BSP | 22 | 14 | 6.5 | 10.5 | 8 | £1.97 | € 2.66 |
| SLNS12 | 24 | 1/2"BSP | 28 | 16 | 8 | 11 | 12 | £1.93 | € 2.61 |
| SLNS34 | 30 | 3/4"BSP | 35 | 21 | 8 | 12 | 16 | £2.64 | € 3.55 |
| SLNS1 | 35 | 1" BSP | 43 | 32 | 11 | 12 | 24 | £3.66 | € 4.95 |
| SLNS114 | 42 | 1 1/4" BSP | 51 | 33 | 10 | 16 | | £7.52 | € 10.15 |
| SLNS112 | 50 | 1 1/2" BSP | 58 | 40 | 10 | 20 | | £9.46 | € 12.78 |
| SLNS2 | 64 | 2" BSP | 74 | 48 | 12 | 20 | | £6.72 | € 9.07 |

## SLNT - THREADED OIL LEVEL INDICATORS WITH CONTRAST SCREEN FOR CLEARER INDICATION OF THE OIL LEVEL

www.flowfitonline.com
TECH. DATA SHEET
FA06



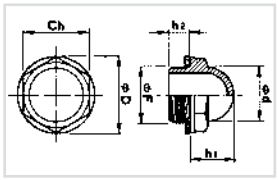


| ORDER NO. | CH | F | D | D | H1 | H2 | NM | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| SLNT38 | 18 | 3/8" BSP | 22 | 14 | 6.5 | 10.5 | 8 | £2.28 | € 3.08 |
| SLNT12 | 24 | 1/2" BSP | 28 | 16 | 8 | 11 | 12 | £1.91 | € 2.58 |
| SLNT34 | 30 | 3/4" BSP | 35 | 21 | 8 | 12 | 16 | £3.49 | € 4.71 |
| SLNT1 | 35 | 1" BSP | 43 | 32 | 11 | 12 | 24 | £4.77 | € 6.45 |
| SLNT114 | 42 | 1 1/4" BSP | 51 | 33 | 10 | 16 | | £4.02 | € 5.42 |
| SLNT112 | 50 | 1 1/2" BSP | 58 | 40 | 10 | 20 | | £4.91 | € 6.63 |
| SLNT2 | 64 | 2" BSP | 74 | 48 | 12 | 20 | | £6.62 | € 8.94 |

# LSB - OIL LEVEL INDICATOR IN TRANSPARENT THERMO PLASTIC SCREEN FOR CLEARER INDICATION OF THE OIL LEVEL

www.flowfitonline.com
TECH. DATA SHEET
FA06






- Dome shaped Level Indicator, transparent, with incorporated hex, which enables to read Oil level an angle.
- Material is transparent Polymide resin, which resists most chemicals, oil, gasoline, fuel and a variety of solvents.
- Maximum operating temperature: 100˚C.
- Flat asbestos free, oil resistant seal.
- Nm = Applicable maximum tightening torque.

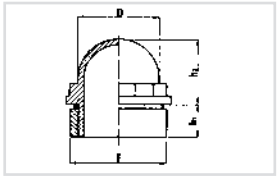
| ORDER NO. | THREAD BSP. | CH | D | D | H1 | H2 | NM | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| LSB38 | 3/8” | 19 | 22 | 15 | 16 | 10 | 8 | £2.18 | € 2.95 |
| LSB12 | 1/2” | 24 | 28 | 20 | 17 | 10 | 12 | £2.46 | € 3.33 |
| LSB34 | 3/4” | 30 | 35 | 25 | 20 | 10 | 16 | £3.36 | € 4.54 |
| LSB1 | 1” | 36 | 42 | 31 | 24 | 10.5 | 18 | £4.59 | € 6.20 |

# CF2

## CF - DOME SHAPED THREADED OIL LEVEL INDICATOR
## GF - STEEL MOUNTING FLANGE

www.flowfitonline.com
TECH. DATA SHEET
FA06






- Transparent halfball shaped level indicator, available with 2” and 3” threaded weld-on steel flanges.
- Made from Thermo Polycarbonate for optimal shock resistance and ensuring unbreakability.
- Product is utilised on truck/tankers and larger reservoirs containing liquids.

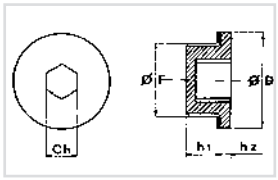
| ORDER NO. | THREAD BSP | D | H1 | H2 | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| CF2 | 2” | 59 | 22 | 32 | £4.96 | € 6.70 |
| CF3 | 3” | 85 | 32 | 63 | £13.24 | € 17.87 |
| GF2 | 2” | 70 | 20 | | £17.77 | € 23.99 |
| GF3 | 3” | 102 | 30 | | £22.35 | € 30.16 |

# TCNB

## LOW PROFILE PLUGS

www.flowfitonline.com
TECH. DATA SHEET
FA06





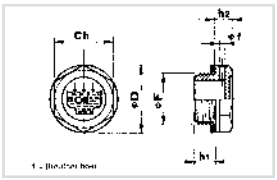

- Socket style low profile threaded plug.
- This low profile plug is made from reinforced Thermoplastic and provides an excellent mechanical resistance at both low and higher temperatures. (Max. 110˚C.)
- Flat asbestos free seal
- For tightening torques (Nm) see table below.
- Special plugs in Polymide IXEF 1022 are available for increased mechanical torque and temperatures up to 150˚C. (see table Nm (IXEF)).

| TYPE | F | CH | D | H1 | H2 | NM | NM(IXEF) | PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCNB14 | 1/4” BSP | 6 | 20 | 8 | 2.5 | 3 | 5 | £1.24 | € 1.67 |
| TCNB38 | 3/8” BSP | 8 | 22.5 | 10.5 | 3.5 | 6 | 6 | £1.37 | € 1.85 |
| TCNB12 | 1/2” BSP | 10 | 28.5 | 10.5 | 3.5 | 8 | 10 | £1.65 | € 2.24 |
| TCNB34 | 3/4” BSP | 12 | 35 | 10.5 | 4 | 10 | 18 | £1.09 | € 1.47 |

# TCN - OIL FILL PLUGS
# TCNS - OIL FILL PLUG WITH BREATHER HOLE
# TSN - OIL DRAIN PLUG

www.flowfitonline.com
TECH. DATA SHEET
FA06





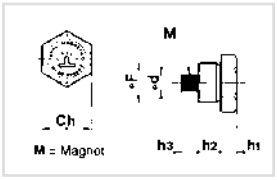

- Hex threaded oil fill plug in Thermoplastic material ensuring high mechanical resistance at both low and higher temperature (max. 100/110˚C), dimensional stability and shock resistant.
- Flat asbestos free oil resistant seal.
- Style TCN and TCNS have the UNI fill symbol and the word OIL molded on top; the model TCNS has a breather hole located in the side of the hex with a diameter of 2-2.5mm.
- Style TSN has the UNI drain symbol on top.

| TYPE | F | CH | D | H1 | H2 | NM | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| **TCN** | | | | | | | | |
| TCN14 | 1/4"BSP | 17 | 19.5 | 9 | 7 | 5 | £1.22 | € 1.65 |
| TCN38 | 3/8" BSP | 18 | 22 | 10 | 7.5 | 8 | £1.37 | € 1.85 |
| TCN12 | 1/2" BSP | 24 | 28 | 11 | 7.5 | 9 | £1.65 | € 2.24 |
| TCN34 | 3/4" BSP | 30 | 34 | 11 | 9 | 11 | £2.25 | € 3.03 |
| TCN1 | 1" BSP | 35 | 42 | 12 | 10.5 | 20 | £3.11 | € 4.20 |
| TCN114 | 1 1/4" BSP | 42 | 51 | 13.5 | 12 | | £4.64 | € 6.27 |
| TCN112 | 1 1/2" BSP | 50 | 58 | 16 | 10 | | £5.24 | € 7.07 |
| TCN2 | 2" BSP | 64 | 74 | 16 | 12 | | £8.68 | € 11.72 |
| **TCNS** | | | | | | | | |
| TCNS14 | 1/4"BSP | 17 | 19.5 | 9 | 7 | 5 | £1.06 | € 1.43 |
| TCNS38 | 3/8" BSP | 18 | 22 | 10 | 7.5 | 8 | £1.17 | € 1.58 |
| TCNS12 | 1/2" BSP | 24 | 28 | 11 | 7.5 | 9 | £1.76 | € 2.38 |
| TCNS34 | 3/4" BSP | 30 | 34 | 11 | 9 | 11 | £1.77 | € 2.39 |
| TCNS1 | 1" BSP | 35 | 42 | 12 | 10.5 | 20 | £2.61 | € 3.53 |
| TCNS114 | 1 1/4" BSP | 42 | 51 | 13.5 | 12 | | £3.82 | € 5.16 |
| TCNS112 | 1 1/2" BSP | 50 | 58 | 16 | 10 | | £4.95 | € 6.67 |
| TCNS2 | 2" BSP | 64 | 74 | 16 | 12 | | £7.12 | € 9.61 |
| **TSN** | | | | | | | | |
| TSN14 | 1/4" BSP | 17 | 19.5 | 9 | 7 | 5 | £1.09 | € 1.47 |
| TSN38 | 3/8" BSP | 18 | 22 | 10 | 7.5 | 8 | £1.23 | € 1.67 |
| TSN12 | 1/2" BSP | 24 | 28 | 11 | 7.5 | 9 | £1.48 | € 1.99 |
| TSN34 | 3/4" BSP | 30 | 34 | 11 | 9 | 11 | £2.02 | € 2.72 |
| TSN1 | 1" BSP | 35 | 42 | 12 | 10.5 | 20 | £2.79 | € 3.77 |
| TSN114 | 1 1/4" BSP | 42 | 51 | 13.5 | 12 | | £2.79 | € 3.77 |
| TSN112 | 1 1/2" BSP | 50 | 58 | 16 | 10 | | £4.16 | € 5.62 |
| TSN2 | 2" BSP | 64 | 74 | 16 | 12 | | £4.71 | € 6.35 |

# TMA
## ALUMINIUM DRAIN PLUG WITH MAGNET

www.flowfitonline.com
TECH. DATA SHEET
FA06





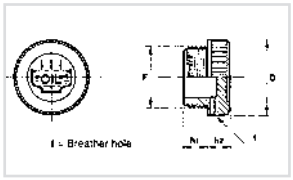

- Hex plug manufactured from aluminium 11s complete with asbestos free flat seal
- Fitted with pressed-in cylindrical magnet
- Fitted to base of tanks to remove ferrous particles
- Text — magnetic

| TYPE | F | CH | D | H1 | H2 | PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TMA14 | 1/4"BSP | 18 | 8 | 7 | 10 | £5.13 | € 6.92 |
| TMA38 | 3/8"BSP | 22 | 10 | 7 | 10 | £7.43 | € 10.03 |
| TMA12 | 1/2"BSP | 27 | 10 | 8 | 10 | £7.81 | € 10.54 |
| TMA34 | 3/4"BSP | 34 | 13 | 8 | 10 | £13.07 | € 17.65 |
| TMA1 | 1"BSP | 40 | 13 | 8 | 14 | £17.73 | € 23.94 |

# TCZ - KNURLED OIL FILL PLUG
# TCZS - KNURLED OIL FILL PLUG WITH BREATHER HOLE

www.flowfitonline.com
TECH. DATA SHEET
FA06





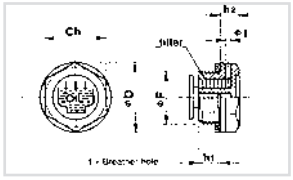

- Threaded plug with knurled head in Thermoplastic material (Polymide 66) ensuring high mechanical resistance at both low and high temperature (max. 100/110˚C). Excellent dimensional stability and shock resistant.
- 'O' ring seal or 70 shore rubber seal.
- Available in standard black colour, red on request.
- Style TCZ and TCZS have molded UNI fill symbol and the text "OIL" molded on top.
- Style TSZ has the UNI drain symbol molded on top.
- The style TZCS incorporates a breather hole, located on the knurled rim with a diameter of 2-3mm.

| TYPE | F | D | H1 | H2 | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| **TCZ** | | | | | | |
| TCZ14 | 1/4" BSP | 20 | 9 | 9 | £1.22 | € 1.51 |
| TCZ38 | 3/8" BSP | 20.5 | 10 | 9 | £1.37 | € 1.67 |
| TCZ12 | 1/2" BSP | 28 | 10.5 | 10.5 | £1.65 | € 1.99 |
| TCZ34 | 3/4" BSP | 31 | 11 | 12 | £2.25 | € 2.72 |
| TCZ1 | 1" BSP | 39 | 12 | 12 | £3.11 | € 3.77 |
| TCZ114 | 1 1/4" BSP | 49 | 13.5 | 13 | £4.83 | € 5.84 |
| TCZ112 | 1 1/2" BSP | 55 | 14.5 | 14.7 | £5.59 | € 6.79 |
| TCZ2 | 2" BSP | 68.5 | 16 | 15 | £8.68 | € 10.53 |
| **TCZS** | | | | | | |
| TCZS14 | 1/4" BSP | 20 | 9 | 9 | £1.76 | € 2.38 |
| TCZS38 | 3/8" BSP | 20.5 | 10 | 9 | £1.50 | € 2.03 |
| TCZS12 | 1/2" BSP | 28 | 10.5 | 10.5 | £1.24 | € 1.67 |
| TCZS34 | 3/4" BSP | 31 | 11 | 12 | £2.45 | € 3.30 |
| TCZS1 | 1" BSP | 39 | 12 | 12 | £3.23 | € 4.36 |
| TCZS114 | 1 1/4" BSP | 49 | 13.5 | 13 | £4.80 | € 6.47 |
| TCZS112 | 1 1/2" BSP | 55 | 14.5 | 14.7 | £6.04 | € 8.15 |
| TCZS2 | 2" BSP | 68.5 | 16 | 15 | £8.88 | € 11.99 |

# TCSA - OIL FILL PLUG WITH BREATHER AND VANE
# TCSF - OIL FILL PLUG WITH BREATHER, VANE AND FILTER

www.flowfitonline.com
TECH. DATA SHEET
FA06





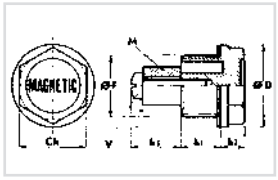

- Hex head oil fill plug made from Thermoplastic material (Polymide 66), ensuring high mechanical resistance at both low and higher temperatures. (max. 100/110˚C).
- This product offers excellent dimensional stability and is shock resistant.
- Asbestos free flat oil resistant seal.
- The plugs are marked with the UNI fill symbol and the word OIL, the breather hole is located on the side of the hex, with a diameter of 2-3mm.
- The incorporated oil dampening vane will reduce spillage when strong oil movement in the container or reservoir takes place.
- The Polyurethane foam filter prevents contamination from the ambient atmosphere polluting the oil.

| TYPE | F | CH | D | H1 | H2 | NM | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| **TCSA** | | | | | | | | |
| TCSA14 | 1/4" BSP | 17 | 19.5 | 9 | 7 | 5 | £1.37 | € 1.85 |
| TCSA38 | 3/8" BSP | 18 | 22 | 10 | 7.5 | 8 | £1.59 | € 2.14 |
| TCSA12 | 1/2" BSP | 24 | 28 | 11 | 7.5 | 9 | £1.24 | € 1.67 |
| TCSA34 | 3/4" BSP | 30 | 34 | 11 | 9 | 11 | £2.33 | € 3.15 |
| TCSA1 | 1" BSP | 35 | 42 | 12 | 10.5 | 20 | £3.13 | € 4.23 |
| TCSA114 | 1 1/4" BSP | 42 | 51 | 13.5 | 12 | | £4.24 | € 5.73 |
| **TCSF** | | | | | | | | |
| TCSF38 | 3/8" BSP | 18 | 22 | 10 | 7.5 | 8 | £2.54 | € 3.42 |
| TCSF12 | 1/2" BSP | 24 | 28 | 11 | 7.5 | 9 | £2.72 | € 3.67 |
| TCSF34 | 3/4" BSP | 30 | 34 | 11 | 9 | 11 | £3.77 | € 5.09 |
| TCSF1 | 1" BSP | 35 | 42 | 12 | 10.5 | 20 | £4.64 | € 6.27 |
| TCSF114 | 1 1/4" BSP | 42 | 51 | 13.5 | 12 | | £4.24 | € 5.73 |

# TM
## DRAIN PLUG WITH MAGNET

www.flowfitonline.com
TECH. DATA SHEET
FA06





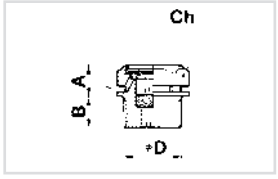

- Thermoplastic hex plug with magnet.
- The plug is mounted on the bottom of the transmission or tank, to be used as drain plug. The magnetic disk will attract ferrous metal parts and contains them, preventing damage to gears and other moving components.
- This plug is manufactured in the colour black, with a hot painted description MAGNETIC in a bright colour.
- Oil resistant asbestos free seal.
- In larger quantities, these plugs are available with other than the shown threads, ie: M16 18 20 22.

| TYPE | F | CH | D | H1 | H2 | H3 | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TM14 | 1/4" | 17 | 20 | 9 | 7 | 5 | £3.79 | € 5.11 |
| TM38 | 3/8" | 18 | 22 | 10 | 7.5 | 10 | £4.89 | € 6.60 |
| TM12 | 1/2" | 24 | 27 | 11 | 8 | 9 | £5.65 | € 7.62 |
| TM34 | 3/4" | 30 | 34 | 11 | 9 | 6.5 | £7.58 | € 10.24 |
| TM1 | 1" | 35 | 42 | 12 | 10.5 | 14 | £9.82 | € 13.26 |

# KMF
## METAL FILLER PLUG WITH FILTER

www.flowfitonline.com
TECH. DATA SHEET
FA06





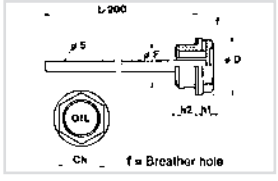

- SINTERED METAL FILTER 50/60 MICRON
- FIBRE ASBESTOS - FREE SEAL
- FOUR BREATHER HOLES ARE LOCATED UNDER THE HEX HEAD PROVIDING AN ADEQUATE BREATHING CAPACITY
- IDEAL FOR GEARBOXES AND TRANSMISSION APPLICATIONS

| TYPE | ØD | CH | A | B | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| KMF14 | 1/4"BSP | 18 | 13 | 9 | £5.97 | € 8.07 |
| KMF38 | 3/8"BSP | 22 | 14 | 10 | £7.34 | € 9.93 |
| KMF12 | 1/2"BSP | 27 | 14 | 10 | £8.10 | € 10.93 |

# TCAS
## HEX PLUG WITH DIPSTICK AND BREATHER HOLE

www.flowfitonline.com
TECH. DATA SHEET
FA06





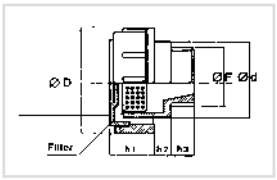

- Hex threaded plug with dipstick (diam. 4.5mm steel), material plug: (Polymide 66) maximum temperature 100/110˚C.
- Oil resistant seal. ('O' ring, 70 shore)
- The model TCAS has a breather hole located in the side of the knurled head, with a diameter of 2-2.5mm.
- The standard dipstick is delivered in a 200mm length, on larger quantities they can be manufactured to the customers specific length, and MIN-MAX notches can be placed in the desired position.

| TYPE | F | CH | D | H1 | H2 | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TCAS14 | 1/4" BSP | 17 | 19 | 7 | 9 | £2.32 | € 3.14 |
| TCAS38 | 3/8" BSP | 18 | 22 | 7.5 | 10 | £2.47 | € 3.34 |
| TCAS12 | 1/2" BSP | 24 | 28 | 7.5 | 11 | £2.62 | € 3.53 |
| TCAS34 | 3/4" BSP | 30 | 34 | 9 | 11 | £3.23 | € 4.36 |
| TCAS1 | 1" BSP | 35 | 42 | 10.5 | 12 | £3.89 | € 5.25 |
| TCAS114 | 1 1/4" BSP | 42 | 51 | 12 | 13.5 | £5.11 | € 6.89 |
| TCAS2 | 2" BSP | 64 | 74 | 13.5 | 16 | £8.24 | € 11.13 |

# TMD - FILLER BREATHER WITH DOUBLE BREATHER HOLE
# TMDF - FILLER BREATHER WITH DOUBLE BREATHER HOLE AND FILTER

www.flowfitonline.com
TECH. DATA SHEET
FA06





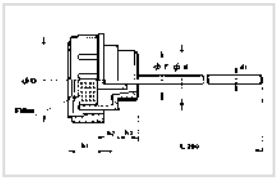

- Round headed Filler Breather, with vertical ribs for better grip. Oil resistant seal. ('O' ring, 70 shore)
- The Filler Breather is produced from Polymide 66, ensuring high mechanical resistance at both low and higher temperatures. (maximum temperature 100/110˚C)
- This product offers excellent dimensional stability and is shock resistant.
- These Filler Breathers allow air passage at high volume, through the vents located on the bottom of the head. They are recommended to be used in systems where a large amount of oil level changes take place in a short amount of time, allowing the air to enter and leave the system without any unwanted air pressure increase or decrease.
- Style TMDF has a standard Polyurethane foam filter (60 Micron) built in. This filter is located under the red lid, easy to remove, clean and reinstall.

| TYPE | F | D | D | H1 | H2 | H3 | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| **TMD** | | | | | | | | |
| TMD38 | 3/8" | 36 | 23 | 17 | 5 | 11 | £3.39 | € 4.58 |
| TMD12 | 1/2" | 41 | 28 | 18 | 5 | 12 | £3.83 | € 5.17 |
| TMD34 | 3/4" | 47 | 33 | 17 | 5 | 12 | £4.50 | € 6.08 |
| TMD1 | 1" | 52 | 38 | 20 | 5 | 12 | £5.54 | € 7.48 |
| TMD114 | 1 1/4" | 63 | 49 | 23 | 5 | 13 | £7.18 | € 9.69 |
| TMD112 | 1 1/2 | 63 | 55 | 23 | 5 | 13.5 | £7.58 | € 10.24 |
| **TMDF** | | | | | | | | |
| TMDF38 | 3/8" BSP | 36 | 23 | 17 | 5 | 11 | £5.01 | € 6.77 |
| TMDF12 | 1/2" BSP | 41 | 28 | 18 | 5 | 12 | £5.69 | € 7.69 |
| TMDF34 | 3/4" BSP | 47 | 33 | 17 | 5 | 12 | £6.35 | € 8.58 |
| TMDF1 | 1" BSP | 52 | 38 | 20 | 5 | 12 | £7.85 | € 10.59 |
| TMDF114 | 1 1/4" BSP | 63 | 49 | 23 | 5 | 13 | £9.91 | € 13.38 |
| TMDF112 | 1 1/2" BSP | 63 | 55 | 23 | 5 | 13.5 | £10.45 | € 14.12 |

# TMDA
## FILLER BREATHER WITH LARGE BREATHER HOLE AND DIPSTICK
# TMDFA
## FILLER BREATHER WITH LARGE BREATHER HOLE, DIPSTICK AND FILTER

www.flowfitonline.com
TECH. DATA SHEET
FA06





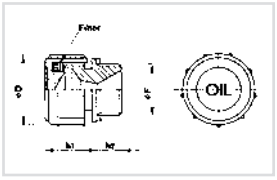
- The below Filler Breathers have the same characteristics as the models TMD - TMDF, but are equipped with a dipstick.
- The standard dipstick is 200mm in length.

| TYPE | F | D | D | H1 | H2 | H3 | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| **TMDA** | | | | | | | | |
| TMDA38 | 3/8" BSP | 36 | 23 | 17 | 5 | 11 | £4.75 | € 6.42 |
| TMDA12 | 1/2" BSP | 41 | 28 | 18 | 5 | 12 | £5.21 | € 7.03 |
| TMDA34 | 3/4" BSP | 47 | 33 | 17 | 5 | 12 | £6.48 | € 8.74 |
| TMDA1 | 1" BSP | 52 | 38 | 20 | 5 | 12 | £6.99 | € 9.43 |
| TMDA114 | 1 1/4" BSP | 63 | 49 | 23 | 5 | 13 | £9.09 | € 12.28 |
| TMDA112 | 1 1/2 BSP | 63 | 55 | 23 | 5 | 13.5 | £9.15 | € 12.36 |
| **TMDFA** | | | | | | | | |
| TMDFA38 | 3/8" BSP | 36 | 23 | 17 | 5 | 11 | £6.75 | € 9.10 |
| TMDFA12 | 1/2" BSP | 41 | 28 | 18 | 5 | 12 | £7.43 | € 10.02 |
| TMDFA34 | 3/4" BSP | 47 | 33 | 17 | 5 | 12 | £8.68 | € 11.73 |
| TMDFA1 | 1" BSP | 52 | 38 | 20 | 5 | 12 | £9.09 | € 12.28 |
| TMDFA114 | 1 1/4" BSP | 63 | 49 | 23 | 5 | 13 | £11.62 | € 15.69 |
| TMDFA112 | 1 1/2" BSP | 63 | 55 | 23 | 5 | 13.5 | £12.52 | € 16.90 |

# TSF
## NEW VENT PLUG TO REDUCE OIL OIL DAMP ESCAPE

www.flowfitonline.com
TECH. DATA SHEET
FA06






- Filler Breather with easy grip vertical ribs, manufactured from Thermoplastic material (Polymide 66). Maximum working temperature 100˚C.
- These style Filler Breathers are produced in black with a red lid, with the text “OIL”. On large orders a custom text or company logo is possible.
- A standard flat rubber seal is used , but a ‘O’ ring seal is available, both in NBR 70 shore.
- Located under the lid is a Polyurethane foam filter (50 Micron) installed, which is easy to be cleaned once the lid is removed.
- The series TSF has a specially designed cavity which prevents oil from escaping through the Breather holes when it is splashed in an upward direction, often occurring when there is a strong oil movement due to rotating gears.
- The inside of the TSF features a conical cavity which, due to its design entraps oil but allows air to escape and enter (within limitations).
- These Filler Breather plugs are utilised on hydraulic power packs, oil tanks, gear reduction boxes, gearboxes or any application where strong movement causes splashing oil in or around the Filler Breather.

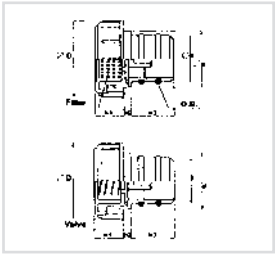
| TYPE | F | D | H1 | H2 | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| TSF14 | 1/4” BSP | 30 | 21 | 10 | £3.32 | € 4.47 |
| TSF38 | 3/8” BSP* | 30 | 21 | 10 | £3.62 | € 4.88 |
| TSF12 | 1/2” BSP* | 30 | 21 | 10 | £3.89 | € 5.25 |

*On request available in NPT

# TPF - PRESS-FIT FILLER BREATHER WITH LARGE BREATHER HOLE AND FILTER

www.flowfitonline.com
TECH. DATA SHEET
FA06





- Press-fit Filler Breather with easy grip vertical ribs.
- These Filler Breathers are not threaded, but fit snugly into a pre-drilled hole and seal by means of ‘O’ rings located on the stem. Hole tolerances: -0 + 0.1mm.
- These Filler Breathers are produced from Thermoplastic Polymide 66 which offers high mechanical resistance at both lower and higher temperatures (100˚C max).
- Seals: 2 Oil resistant ‘O’ Rings, NBR 70 shore.
- The Filler Breather model TP/F has a large breathing capacity and is applied where a high volume of air change takes place, in example, hydraulic systems that utilise high ratio hydraulic cylinders. They are not recommended for usage on mobile equipment, where strong movement of the oil tank is present.

| TYPE | F | D | D | H1 | H2 | H3 | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TPF | | | | | | | | |
| TPF18 | 18 | 36 | 23 | 17 | 5 | 10 | £6.17 | € 8.33 |
| TPF20 | 20 | 36 | 24 | 17 | 4 | 19 | £6.81 | € 9.20 |
| TPF26 | 26 | 41 | 28 | 17 | 4 | 21 | £7.51 | € 10.13 |
| TPF30 | 30 | 47 | 33 | 17 | 4 | 21 | £9.03 | € 12.18 |



## FLUID TRANSFER

# FLUID TRANSFER


| PRODUCT | PAGE |
|---|---|
| HF10 FILTRATION UNIT | 413 |
| SUPER DELUXE PORTABLE FILTRATION UNIT | 413 |
| VISCOMAT OIL TRANSFER PUMPS | 414 |
| DC PUMPS VISCOMAT DC | 414 |
| HAND OPERATED PUMPS FOR OIL DRUMS | 415 |
| CLEAN OIL TRANSFER SYSTEMS 12V | 416 |
| CLEAN OIL TRANSFER SYSTEMS 240V | 416 |
| DRUM AND TANK TRANSFER UNITS | 416 |
| MECHANICAL FLOW METERS | 417 |
| SELF 3000 NOZZLES | 417 |











QUALITY PRODUCTS

FREE ADVICE

FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

# HF10 FILTRATION UNIT

www.flowfitonline.com
TECH. DATA SHEET
FT01



The HF10 range of trollies is the ideal tool for decontaminating oil by removing suspended particles either by flushing or continuous cleaning. It is well suited for pre-filtering and transfer of fluids as well as removing water from hydraulic systems (Optional water removal filter required)

**BENEFITS**

Reduces maintenance costs and down time through regular use which extends the life of the oil which ultimately helps the environment as well as costs through improved productivity and reduced oil dispersal.

**TECHNICAL FEATURES**

Wheeled tubular support with anti-corrosion treatment and paint finish for outdoor use.
Easy to use with a powerful electric pump and self-primimg vane pump equipped with a bypass safety system.
Self ventilated IP55 induction motor with thermal rotection and cut-off switch.
Interchangeable cartridge filter to allow different elements for filtration of copper, metal and sand complete with manometer to signal filter clogging.
Helically wound transparent suction and output tubing.

**TECHNICAL DATA**

Flowrate of 25l/min on 110v and 240v with the 450v version giving up to 40 l/min.
Power rate 750 watts 0.75 kW.
Speed 1450 rpm.
Operating temperature Min -10 degree Celsius to Max +40 degrees Celsius.
Releative humidity Max 90%.
Viscosity 20 – 50 cSt.
Fluid permiited – Hydraulic oil, engine oil and diesel.
Fluids not permitted – Gasoline, benzin, inflammable liquids with fp < 55 degrees Celsius, water, solvents and liquid food products.
Maximim oil pump capacity of 4 metres @ 30 cSt.
2.5m x 20mm diameter Return line tube, pvc spiral, with a 0.5m metal tube on end.
2m x 20mm diameter suction line tube, pvc spiral, complete with metal wire filter strainer.

**TECHNICAL DIMENSIONS**

Height 660mm, Width 310mm, Depth 400mm, Weight from 21kg

| ORDER CODE | FLOW RATE | FILTRATION | VOLTAGE | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| HF10 | 25 L/Min | 10 Micron Paper | 240 | £510.30 | € 688.91 |
| HF10110V | 25 L/Min | 10 Micron Paper | 110 | £584.19 | € 788.66 |

| ELEMENTS | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| A110G03 | 3 Micron Absolute Fibreglass | £36.58 | € 48.71 |
| A110G06 | 6 Micron Absolute Fibreglass | £36.58 | € 49.54 |
| A110G10 | 10 Micron Absolute Fibreglass | £30.67 | € 42.53 |
| A110G25 | 25 Micron Absolute Fibreglass | £30.67 | € 45.59 |
| A110C10 | 10 Micron Nominal Paper | £9.02 | € 21.48 |
| A110C25 | 25 Micron Nominal Paper | £9.02 | € 20.15 |
| A110CW10 | 10 Micron Water Removal | £50.87 | € 62.82 |
| A110T60 | 60 Micron Nominal Wiremesh | £16.83 | € 46.31 |
| A110T90 | 90 Micron Nominal Wiremesh | £15.63 | € 48.71 |
| A110T125 | 125 Micron Nominal Wiremesh | £15.63 | € 41.52 |

# SUPER DELUXE PORTABLE FILTRATION UNIT

www.flowfitonline.com
TECH. DATA SHEET
FT02



The super deluxe portable filtration unit offers flow rates upto 75 l/min with filtration levels available from 3 micron upto 25 micron on return and 25 micron upto 125 micron on suction.

**BENEFITS**

Compact lightweight construction comprising of a sturdy steel frame.
Flow rates up to 75 l/min.
Maximum dirt holding capacity elements.
Available with filters from 3 micron upto 125 micron.
Elements available for water removal.

**TECHNICAL DATA**

0.75 kw electric motor complete with 5 metre power cable and electric control box.
Visual contamination indicators.
3 Metre wire reinforced suction and discharge hose.0.75 metre dip tubes with easy access stowage points.
Fitted with standard buna nitrile seals (max temp 90 degree Celsius.
Viton seals upto 110 degrees Celsius available on request.
Viscosity range 7-750 cSt.
Oil lift pumping capacity to height of 2 metres @ 30 cSt
Heavy duty trolley and wheels.

| ORDER CODE | FLOW | VOLTAGE | KW | INLET FILTER | OUTLET FILTER | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| HFT620-2-2-MS060-SP010-B | 25 L/Min | 240Vac | 0.8 | 60 Micron Wiremesh | 10 Micron Paper | £1,302.93 | € 1,758.95 |
| HFT620-2-4-MS060-SP010-B | 25 L/Min | 415Vac | 0.8 | 60 Micron Wiremesh | 10 Micron Paper | £1,307.03 | € 1,764.48 |
| HFT620-5-2-MS060-SP010-B | 50 L/Min | 240Vac | 0.8 | 60 Micron Wiremesh | 10 Micron Paper | £1,341.11 | € 1,810.50 |
| HFT620-5-4-MS060-SP010-B | 50 L/Min | 415Vac | 0.8 | 60 Micron Wiremesh | 10 Micron Paper | £1,341.11 | € 1,810.50 |
| HFT620-7-2-MS060-SP010-B | 75 L/Min | 240Vac | 1.1 | 60 Micron Wiremesh | 10 Micron Paper | £1,488.88 | € 2,009.98 |
| HFT620-7-4-MS060-SP010-B | 75 L/Min | 415Vac | 1.1 | 60 Micron Wiremesh | 10 Micron Paper | £1,363.85 | € 1,841.19 |

# VISCOMAT OIL TRANSFER PUMPS

www.flowfitonline.com
TECH. DATA SHEET
FT03



The viscomat range is a family of internal profile or vane gear pumps designed to give an effective solution for the various requirements of pumping oil and lubricants.

Common features are quiet operation, regularity of flow due to the absence of pulsations, the ability to function with the delivery closed as a result of an incorporated bypass, high suction capacity and a compact design.

**Construction**
Asynchronous, closed, self ventilating, ac motor (protection IP55) available in various voltages and frequencies, die cast aluminium pump body, by-pass integrated into the pump body, 1" female inlet/outlet ports.

**Viscosity**
Viscomats 70 and 90 (Vane type) up to 500 cSt
Viscomats 200/230 (Gear type) up to 2000 cSt

| ORDER CODE | FLOW RATE | PRESSURE | MOTOR SINGLE PHASE | MOTOR 3 PHASE | RPM | POWER WATT | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| VISCOMAT70230V | 25 L/Min | 6 bar | 230v 50 Hz | - | 1450 | 750 | 14.1kg | £503.28 | € 679.43 |
| VISCOMAT70400V | 25 L/Min | 6 bar | - | 400v 50Hz | 1450 | 750 | 14.1kg | £503.05 | € 679.13 |
| VISCOMAT70110V | 25 L/Min | 6 bar | 110v 50 Hz | - | 1450 | 1200 | 14.1kg | £633.96 | € 855.85 |
| VISCOMAT90400V | 50 L/Min | 5 bar | - | 400v 50Hz | 1450 | 2000 | 14.1kg | £569.26 | € 768.50 |
| VISCOMAT200230V | 9 L/Min | 12 bar | 230v 50 Hz | - | 1450 | 550 | 9kg | £560.23 | € 756.31 |
| VISCOMAT200400V | 9 L/Min | 12 bar | - | 400v 50Hz | 1450 | 550 | 9kg | £560.23 | € 756.31 |
| VISCOMAT200110V | 9 L/Min | 12 bar | 110v 60Hz | - | 1730 | 950 | 9kg | £624.79 | € 843.47 |
| VISCOMAT230230V | 14 L/Min | 12 bar | 230v 50 Hz | - | 1450 | 750 | 12.5kg | £692.25 | € 934.53 |
| VISCOMAT230400V | 14 L/Min | 12 bar | - | 400v 50Hz | 1450 | 750 | 12.5kg | £692.25 | € 934.53 |

# DC PUMPS VISCOMAT DC

www.flowfitonline.com
TECH. DATA SHEET
FT04



A range of pumps for the transferring and delivery of oil by direct current which allows the task to be performed where electricity or pneumatic connections are not available hence allowing oil transfer and handling operations in yards, ports, on vehicles or boats.

**SPECIFICATION**

Gear pump type
High pressure
Direct current brush motor with brush magnets.
Aluminium pump body
Sintered steel gears
Threaded entry and exit connectors
Bypass valve incorporated in pump body
Protection motor IP55

**PERFORMANCE**

Flow rate from 4 to 10 L/min
Operating pressure 4 to 10 bar
Oil viscosity upto 2000cSt
Duty cycle 30 mins
Noise level less than 65DB

| ORDER CODE | DESCRIPTION | RATE | BAR | OUTLET | VOLTAGE | AMPS | CYCLE | WEIGHT | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| F00309020 | DC60/1 12V | 4 L/Min | 5 | 1/2" | 12 | 16 | 30mins | 3kg | £332.59 | € 449.00 |
| F00309010 | 60/2 12V | 10 L/Min | 4 | 3/4" | 12 | 35 | 30mins | 4.9kg | £368.12 | € 496.96 |
| F00309000 | DC120/1 12V | 5 L/Min | 10 | 1/2" | 12 | 25 | 30mins | 4.9kg | £397.56 | € 536.71 |
| F00310020 | 60/1 24V | 4 L/Min | 5 | 1/2" | 24 | 9 | 30mins | 3kg | £332.05 | € 448.26 |
| F00310010 | 60/2 24V | 10 L/Min | 4 | 3/4" | 24 | 18 | 30mins | 4.9kg | £391.73 | € 528.83 |
| F00310000 | 120/1 24V | 5 L/Min | 10 | 1/2" | 24 | 12 | 30mins | 4.9kg | £368.54 | € 497.52 |



# HAND OPERATED PUMPS FOR OIL DRUMS

## ROTARY VANE TYPE

www.flowfitonline.com
TECH. DATA SHEET
FT05



Manual action pumps suitable for transferring fluids listed.

Characterised by ease of installation, simplicity of operation, dependability and economy.

Construction available in cast alloy or cast iron • 250cm3/cycle • Rigid 1 metre suction pipe with 2" drum connector.

Capable of flow rates up to approx 25 l/min.

| ORDER CODE | CONSTRUCTION | CYCLE | FLOWRATE | DIESEL | OIL | RAPS OIL | PETROL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| 332000 | Cast Alloy | 350cm3 | 25 L/Min | YES | YES | YES | YES | £70.32 | € 94.93 |
| CTS2001 | Cast Iron | 350cm3 | 25 L/Min | YES | YES | NO | NO | £37.14 | € 50.13 |

## DOUBLE ACTING SEMI-ROTARY HAND PUMPS

www.flowfitonline.com
TECH. DATA SHEET
FT06



Manual action pumps suitable for transferring fluids listed.

Characterised by ease of installation, simplicity of operation, dependability and economy.

Construction in cast Iron with wooden spindled handle • Flanged fittings on both sides.

Available upon request in other sizes up to 2" • Capable of flow rates up to approx 25 l/min.

| ORDER CODE | CONSTRUCTION | FLANGE SIZE | FLOWRATE | DIESEL | NETT. PRICE | |
|---|---|---|---|---|---|---|
| | | | | | £ STERLING | € EUROS |
| CTS5010 | Cast Iron | 1/2" BSP | 25 L/Min | YES | £73.38 | € 99.05 |
| CTS5011 | Cast Iron | 3/4" BSP | 25 L/Min | YES | £79.50 | € 107.32 |
| CTS5000 | Cast Iron | 1" BSP | 25 L/Min | YES | £98.87 | € 133.48 |

## LEVER OPERATED TRANSFER PUMP

www.flowfitonline.com
TECH. DATA SHEET
FT07



Manual lever operated transfer pumps designed for the fast movement of lubricants, oils and diesels.

Construction in Aluminium • 2" drum connectors • Capable of flows up to approx 25 l/min

| ORDER CODE | CONSTRUCTION | CONNECTOR | FLOWRATE | DIESEL | OIL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| CTS2000 | Aluminium | 2" | 25 L/Min | YES | YES | £33.62 | € 45.39 |

# CLEAN OIL TRANSFER SYSTEMS 12V

www.flowfitonline.com
TECH. DATA SHEET
FT08



The oil transfer system unit is designed for transferring of oils where you are located with out the need for mains power or compressed air. This is achieved through the built-in battery and charger. The battery must be recharged after transferring approx 2-3 drums of oil.

**Performance**

Flow rate 6 L/min
Noise levels less than 65 DB
Motor supply 12vdc
Oil viscosity from 10 to 2000 cSt
On demand dispensing with pressure switch
Flow meter (Item 2 only) with precision of +/- 0.5%

**Specifications**

Tubular structure trailer mounted support for oving drums, Complete with nozzle support, pipe support and drip collector.

Self priming pump with DC motor, 12vdc
Protection Rating IP55
3/4" gas suction pipe with filter.
3 Metre long 5/8" gas delivery pipe.
Delivery nozzle with flexible end and non-drip valve. Item 2 comes with meter.
Pressure switch with incorporated safety valve.
Battery with battery charger.

**Optional extras**

Flow meters with oval gears

| ORDER CODE | FLOW RATE | VOLTAGE | PRESSURE SWITCH | FLUID | METER | VISCOSITY | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| VISCOTROLL 120/1 DC pst | 6 L/Min | 12 DC | YES | OIL | NO | Up to 2000cSt | £1,788.90 | € 2,415.01 |
| VISCOTROLL 120/1 DC pst K400 | 6 L/Min | 12 DC | YES | OIL | YES | Up to 2000cSt | £2,143.17 | € 2,893.28 |

# CLEAN OIL TRANSFER SYSTEMS 240V

www.flowfitonline.com
TECH. DATA SHEET
FT09



This unit is designed for transferring of oils within the workshop environment as it is powered by 230v electricity.

**Performance**

Flow rate 25 L/min
Operating pressure 6-12 bar
Noise levels less than 65 DB
Oil viscosity from 10 to 2000 cSt

**Specifications**

Tubular structure trailer mounted support for moving drums,
Complete with nozzle support, pipe support and drip collector.

Self priming pump with AC asynchronous motor, self-ventilating closed (ProtectionRating IP55) at 230v
1" gas suction pipe with standing valve and filter.
4 Metre long ?" gas delivery pipe.
Delivery nozzle with flexible end and automatic non-drip valve.

**Optional extras**

Flow meters.
Pressure switch with incorporated safety valve.
Viscosity of 2000cSt on a 9 l/min version.

| ORDER CODE | FLOW RATE | VOLTAGE | POWER KW | FLUID | METER | VISCOSITY | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| VISCOTROLL 70 | 25 L/Min | 230 | 0.75 | OIL | NO | Up to 500cSt | £911.07 | € 1,229.94 |
| VISCOTROLL 70/K33 | 25 L/Min | 230 | 0.75 | OIL | YES | Up to 500cSt | £1,114.28 | € 1,504.28 |

# DRUM AND TANK TRANSFER UNITS

www.flowfitonline.com
TECH. DATA SHEET
FT10



This range has been developed for the easy connection to tanks and drums and offers a simple and efficient solution for transferring or dispensing of fluids.

Optional extras are available on some models for flow metres to control the amount of fluid to disperse or to limit the users consumption.

A variety of motor voltages and flow rates are clearly shown in the table below.

The unit comes with a suction tube for direct connection to your tank or drum and a nozzle holder placed near the pump to ensure clean and easy operation.

Standard hose delivery length is 4 metres.

Unit suitable for diesel, oil and raps oil as shown in table below.

| ORDER CODE | VOLTAGE | FLOWRATE | HOSE LENGTH | HOSE SIZE | WEIGHT | METER | FLUIDS | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| DRUMVCT70 | 230 | 28 L/Min | 4m | 3/4" | 18 kg | No | Oil & Raps Oil | £518.86 | € 700.47 |
| DRUMVCT200 | 230 | 9 L/Min | 4m | 1/2" | 18 kg | No | Oil | £522.53 | € 705.41 |
| DRUMVCT70K33 | 230 | 25 L/Min | 4m | 3/4" | 19 kg | Yes | Oil & Raps Oil | £723.48 | € 976.70 |
| DRUM20001260 | 12 | 38 L/Min | 4m | 3/4" | 10 kg | No | Diesel | £657.32 | € 887.38 |
| DRUM20002460 | 24 | 38 L/Min | 4m | 3/4" | 10 kg | No | Diesel | £657.32 | € 887.38 |
| DRUMB112120 | 12 | 80 L/Min | 4m | 1" | 18 kg | No | Diesel | £929.42 | € 1,254.71 |
| DRUMB124120 | 24 | 80 L/Min | 4m | 1" | 18 kg | No | Diesel | £929.42 | € 1,254.71 |

# MECHANICAL FLOW METERS

www.flowfitonline.com
TECH. DATA SHEET
FT11



This range of nutating-disk meters measure the exact quantity of fuel or lubricants that have been dispensed. They have been designed strictly for non commercial use and are very reliable, inexpensive, easy to install and simple to calibrate within the work place.

**Performance**

Flow rate 20-120 L/min.
Precision +/- 1% of flow range after calibration.
Max Operating pressure 10 bar (142 psi).
Bursting pressure 30 bar (426 psi).
Resolution 0.1 litres.
Readout as follows:-
K33 – 3 digit subtotals (Max 999 litres) 6 digit totals.
K44 – 4 digit subtotals (Max 9999 litres) 7 digit totals.

**Specifications**

Aluminium metering chamber with polybutylene nutating disk.
1" G inlet, 1" g outlet, in line.
The top plate can be rotated to allow flow from either position.
Mechanical readout device with rotating wheels.
Subtotals can be set to zero, total readout cannot be reset.
Available with litre or gallon readouts.

**Optional extras**

A pulser model is available upon request for connection to a fuel management system.

| ORDER CODE | FLOW RATE L/MIN | MAX OPERATING PRESSURE | IN/OUT CONNECTIONS | WEIGHT | SUITABLE FOR DIESEL | SUITABLE FOR OIL | SUITABLE FOR RAPS OIL | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| K33 diesel | 20-120 | 230 | 1" | 2kg | YES | NO | NO | £192.61 | € 260.02 |
| K33 | 20-120 | 230 | 1" | 2kg | NO | YES | YES | £187.26 | € 252.80 |
| K44 diesel | 20-120 | 230 | 1" | 2kg | YES | NO | NO | £243.73 | € 329.03 |
| K44 | 20-120 | 230 | 1" | 2kg | NO | YES | YES | £243.73 | € 329.03 |

# SELF 3000 NOZZLES

www.flowfitonline.com
TECH. DATA SHEET
FT12



Manual nozzles have been designed to satisfy the need of safety, ease of handling and efficiency. The nozzles are manufactured with a resistant aluminium body enclosed in an anti-shock plastic shell which increases the nozzles ease of handling by making the grip comfortable even when working at low temperatures. The integrated swivel connector, and the hammer free valve inside it, guarantees a high degree of safety. The low loss of head, given the conformation of the valve, allos it to function at upto 150 L/min.

| CTS CODE | DESCRIPTION | FLOW | BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| 650000 | Self 3000 Nozzle | Upto 150l/min | Upto 10 | £35.32 | € 47.67 |



## HYDRAULIC QUICK RELEASE COUPLINGS

# HYDRAULIC QUICK RELEASE COUPLINGS


| PRODUCT | PAGE |
|---|---|
| FLOWFIT HYDRAULIC ISO A QUICK RELEASE COUPLINGS MALE & FEMALE ENDS | 419 |
| FLOWFIT HYDRAULIC FLAT FACE QUICK RELEASE COUPLINGS MALE & FEMALE ENDS | 421 |
| FLOWFIT HYDRAULIC TRAILER BRAKE QUICK RELEASE COUPLINGS | 423 |











QUALITY PRODUCTS

FREE ADVICE



# FLOWFIT HYDRAULIC QUICK RELEASE COUPLINGS

## FLOWFIT HYDRAULIC ISO A QUICK RELEASE COUPLINGS MALE & FEMALE ENDS

www.flowfitonline.com
TECH. DATA SHEET
QRC01



Flowfit hydraulic ISO A quick release couplings are used in a wide range of hydraulic applications including construction equipment manufacturing machinery and on plant systems. They can be found where fluid transfer lines need to be connected and disconnected for operation or maintenance of equipment.

Flowfit Hydraulic ISO A quick release couplings interchange with:

| | |
|---|---|
| Parker6600 | Perfecting K |
| Safeway S56 | Snap Tite 61 |
| Tomco A5600 | Aeroquip FD56 |
| DNP PAV | Stucchi BIR |

Please refer to the specification table below to ensure the correct size is selected.

Red plastic plugs and caps for female/male couplings up to 1"BSP and aluminium plugs and caps for female/male couplings from 1 1/4" - 2"BSP available to protect and stop dirt entering the quick releases and your hydraulic circuit.

### INSTRUCTIONS FOR USE

Prior to connecting ensure that the mating parts of the couplings are clean and free of dirt to avoid contamination of the hydraulic system.

To connect, pull the collar on the female coupling back and insert the male coupling as far as it will go. Release the collar to lock the couplings together.

To disconnect, pull the collar on the female coupling back and allow the male coupling to disengage.

### CAUTION

Under no circumstances should the couplings be connected or disconnected with pressure in the hydraulic system.

Whilst in use, the couplings may become hot (up to +100°C). Protective gloves should be worn when disconnecting.

To reduce the risk of contamination, the use of protective plugs and caps on the couplings when they are disconnected is strongly recommended (available separately).

### SPECIFICATION

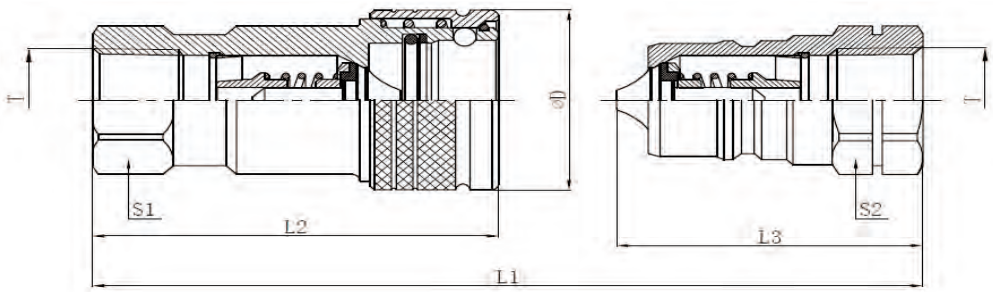
Materials: zinc-plated carbon steel body

Valve: Poppet Type

Back-up ring: in pure Teflon

Seals: standard in nitrile NBR.
On request FKM,EPDM and VMQ seals

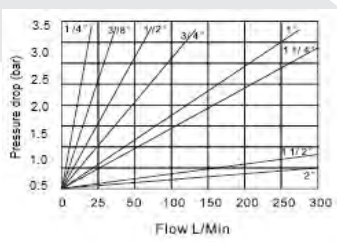
Working temperature: with standard seals -25°C+ 125°C




| DN | ISO | L1 | L2 | L3 | ØD | S1 | S2 | T | PRODUCT REFERENCE (F) | PRODUCT REFERENCE (M) |
|---|---|---|---|---|---|---|---|---|---|---|
| 04 | 6.3 | 70.0 | 49.0 | 35.0 | 26.2 | 19.0 | 19.0 | 1/4" BSP | QRCISOAF14 | QRCISOAM14 |
| 06 | 10 | 85.0 | 60.5 | 42.5 | 31.0 | 22.0 | 22.0 | 3/8" BSP | QRCISOAF38 | QRCISOAM38 |
| 08 | 12.5 | 94.0 | 68.5 | 46.5 | 38.0 | 27.0 | 27.0 | 1/2" BSP | QRCISOAF12 | QRCISOAM12 |
| 12 | 20 | 115.0 | 85.0 | 57.5 | 46.0 | 34.0 | 34.0 | 3/4" BSP | QRCISOAF34 | QRCISOAM34 |
| 16 | 25 | 131.5 | 99.5 | 65.5 | 52.0 | 41.0 | 41.0 | 1" BSP | QRCISOAF1 | QRCISOAM1 |
| 20 | 31.5 | 148.0 | 116.0 | 74.0 | 70.0 | 50.0 | 50.0 | 1-1/4" BSP | QRCISOAF114 | QRCISOAM114 |
| 24 | 40 | 168.0 | 136.5 | 85.0 | 83.0 | 60.0 | 60.0 | 1-1/2" BSP | QRCISOAF112 | QRCISOAM112 |
| 32 | 50 | 200.7 | 160.0 | 100.0 | 99.0 | 75.0 | 75.0 | 2" BSP | QRCISOAF2 | QRCISOAM2 |

| NOMINAL SIZE | | MAX. WORKING PRESSURE | MAX FLOW | RATED FLOW | MIN BURST PRESSURE | | | FLUID SPILLAGE |
|---|---|---|---|---|---|---|---|---|
| | | | | | MALE | FEMALE | COUPLED | |
| DN | ISO | (BAR) | (L/M) | (L/M) | (BAR) | (BAR) | (BAR) | (CC) |
| 04 | 6.3 | 315 | 12 | 12 | 1510 | 1760 | 1450 | 0.5 |
| 06 | 10 | 315 | 46 | 23 | 1470 | 1520 | 1590 | 1.9 |
| 08 | 12.5 | 250 | 90 | 45 | 1000 | 1460 | 1240 | 2.7 |
| 12 | 20 | 250 | 148 | 106 | 900 | 1530 | 1040 | 9.3 |
| 16 | 25 | 200 | 200 | 189 | 1300 | 960 | 1300 | 16 |
| 20 | 31.5 | 200 | 378 | 288 | 1140 | 850 | 1090 | 30 |
| 24 | 40 | 160 | 750 | 379 | 810 | 790 | 820 | 54 |
| 32 | 50 | 100 | 1000 | 757 | 650 | 960 | 1100 | 120 |

### TECHNICAL DATA



| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| QRCISOAF14 | HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 1/4" BSP, DN04, ISO 6.3, 315 BAR RATED, 12 L/MIN | £2.59 | € 3.50 |
| QRCISOAM14 | HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 1/4" BSP, DN04, ISO 6.3, 315 BAR RATED, 12 L/MIN | £1.38 | € 1.87 |
| QRCISOAF38 | HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 3/8" BSP, DN06, ISO 10, 315 BAR RATED, 23 L/MIN | £2.80 | € 3.78 |
| QRCISOAM38 | HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 3/8" BSP, DN06, ISO 10, 315 BAR RATED, 23 L/MIN | £1.31 | € 1.76 |
| QRCISOAF12 | HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 1/2" BSP, DN08, ISO 12.5, 250 BAR RATED,45 L/MIN | £3.60 | € 4.86 |
| QRCISOAM12 | HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 1/2" BSP, DN08, ISO 12.5, 250 BAR RATED,45 L/MIN | £1.33 | € 1.79 |
| QRCISOAF34 | HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 3/4" BSP, DN12, ISO 20, 250 BAR RATED, 106 L/MIN | £6.31 | € 8.51 |
| QRCISOAM34 | HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 3/4" BSP, DN12, ISO 20, 250 BAR RATED, 106 L/MIN | £3.33 | € 4.49 |
| QRCISOAF1 | HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 1" BSP, DN16, ISO 25, 200 BAR RATED, 189 L/MIN | £10.58 | € 14.29 |
| QRCISOAM1 | HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 1" BSP, DN16, ISO 25, 200 BAR RATED, 189 L/MIN | £5.13 | € 6.92 |
| QRCISOAF114 | HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 1 1/4" BSP, DN20, ISO 31.5, 200 BAR RATED, 288 L/MIN | £17.18 | € 23.20 |
| QRCISOAM114 | HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 1 1/4" BSP, DN20, ISO 31.5, 200 BAR RATED, 288 L/MIN | £11.04 | € 14.90 |
| QRCISOAF112 | HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 1 1/2 BSP, DN24, ISO 40, 160 BAR RATED, 379 L/MIN | £50.63 | € 68.35 |
| QRCISOAM112 | HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 1 1/2" BSP, DN24, ISO 40, 160 BAR RATED, 379 L/MIN | £24.67 | € 33.30 |
| QRCISOAF2 | HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 2" BSP, DN32, ISO 50, 200 BAR RATED 757 L/MIN | £89.58 | € 120.93 |
| QRCISOAM2 | HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 2" BSP, DN32, ISO 50, 200 BAR RATED 757 L/MIN | £42.20 | € 56.96 |

## ACCESSORIES





| DN | ISO | FEMALE DUST PLUG | MALE DUST CAP | MATERIAL |
|---|---|---|---|---|
| 04 | 6.3 | PPQRCISOAF14 | PPQRCISOAM14 | Plastic |
| 06 | 10 | PPQRCISOAF38 | PPQRCISOAM38 | Plastic |
| 08 | 12.5 | PPQRCISOAF12 | PPQRCISOAM12 | Plastic |
| 12 | 20 | PPQRCISOAF34 | PPQRCISOAM34 | Plastic |
| 16 | 25 | PPQRCISOAF1 | PPQRCISOAM1 | Plastic |
| 20 | 31.5 | ALQRCISOAF114 | ALQRCISOAM114 | Aluminium |
| 24 | 40 | ALQRCISOAF112 | ALQRCISOAM112 | Aluminium |
| 32 | 50 | ALQRCISOAF2 | ALQRCISOAM2 | Aluminium |

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PPQRCISOAF14 | PLASTIC DUST PLUG FOR 1/4"BSP, DN04 ISO A FEMALE QRC | £0.52 | € 0.70 |
| PPQRCISOAM14 | PLASTIC DUST CAP FOR 1/4"BSP, DN04 ISO A MALE QRC | £0.52 | € 0.70 |
| PPQRCISOAF38 | PLASTIC DUST PLUG FOR 3/8"BSP, DN06 ISO A FEMALE QRC | £0.63 | € 0.84 |
| PPQRCISOAM38 | PLASTIC DUST CAP FOR 3/8"BSP, DN06 ISO A MALE QRC | £0.63 | € 0.84 |
| PPQRCISOAF12 | PLASTIC DUST PLUG FOR 1/2"BSP, DN08 ISO A FEMALE QRC | £0.63 | € 0.84 |
| PPQRCISOAM12 | PLASTIC DUST CAP FOR 1/2"BSP, DN08 ISO A MALE QRC | £0.63 | € 0.84 |
| PPQRCISOAF34 | PLASTIC DUST PLUG FOR 3/4"BSP, DN12 ISO A FEMALE QRC | £0.67 | € 0.91 |
| PPQRCISOAM34 | PLASTIC DUST CAP FOR 3/4"BSP, DN12 ISO A MALE QRC | £0.67 | € 0.91 |
| PPQRCISOAF1 | PLASTIC DUST PLUG FOR 1"BSP, DN16 ISO A FEMALE QRC | £1.20 | € 1.62 |
| PPQRCISOAM1 | PLASTIC DUST CAP FOR 1"BSP, DN16 ISO A MALE QRC | £1.20 | € 1.62 |
| ALQRCISOAF114 | ALUMINIUM DUST PLUG FOR 1 1/4"BSP, DN20 ISO A FEMALE QRC | £13.38 | € 18.07 |
| ALQRCISOAM114 | ALUMINIUM DUST CAP FOR 1 1/4"BSP, DN20 ISO A MALE QRC | £12.51 | € 16.89 |
| ALQRCISOAF112 | ALUMINIUM DUST PLUG FOR 1 1/2"BSP, DN24 ISO A FEMALE QRC | £14.07 | € 19.00 |
| ALQRCISOAM112 | ALUMINIUM DUST CAP FOR 1 1/2"BSP, DN24 ISO A MALE QRC | £13.92 | € 18.80 |
| ALQRCISOAF2 | ALUMINIUM DUST PLUG FOR 2"BSP, DN32 ISO A FEMALE QRC | £21.68 | € 29.26 |
| ALQRCISOAM2 | ALUMINIUM DUST CAP FOR 2"BSP, DN32 ISO A MALE QRC | £21.31 | € 28.76 |

# FLOWFIT HYDRAULIC FLAT FACE QUICK RELEASE COUPLINGS MALE & FEMALE ENDS

www.flowfitonline.com
TECH. DATA SHEET
QRC02



WARNING
These couplings are unsuitable for use on Pulse/Hammer applications.

Flowfit hydraulic flat face quick release couplings of this series represent the first genuine revolution in the field of applications for flat face quick release couplings. Where previous models performed well at low operating pressures and with limited fluctuations in pressure, these new couplings can be used in applications typified by high operating pressures, high flow rates and low pressure drops, offering the same guarantees as components of conventional design.

Flowfit couplings are manufactured to the new ISO 16028 standard. This guarantees: Interchangeability with other couplings responding to the new standard, Maximum operating pressure 350 bar for all sizes. dependable operation of the coupling and low pressure drops are guaranteed, irrespective of the flow direction, male to female or female to male.

Flowfit Hydraulic Flat Face Quick Release Couplings Interchange with:
Parker FE
Safeway S56
Faster 2FFI
Aeroquip FD 89
Snap Tite 74
DNP PLT4
Tomco FE
Stucchi FIRG

Please refer to the specification table below to ensure the correct size is selected. Red plastic caps for female/male couplings up to 1"BSP available to protect and stop dirt entering the quick releases and your hydraulic circuit.

## INSTRUCTIONS FOR USE

Prior to connecting ensure that the mating surfaces of the couplings are clean and free of dirt to avoid contamination of the hydraulic system.

To connect, push both couplings together until the locking mechanism engages.

For added security and to prevent accidental disconnection, rotate the collar on the female coupling a quarter turn.

To disconnect, rotate the collar on the female coupling until the notch aligns with protruding ball bearing then pull the collar back, allowing the couplings to disengage.

## CAUTION

Under no circumstances should the couplings be connected or disconnected with pressure in the hydraulic system.

Whilst in use, the couplings may become hot (up to +100°C). Protective gloves should be worn when disconnecting.

To reduce the risk of contamination, the use of protective caps on the couplings when they are disconnected is strongly recommended (available separately).

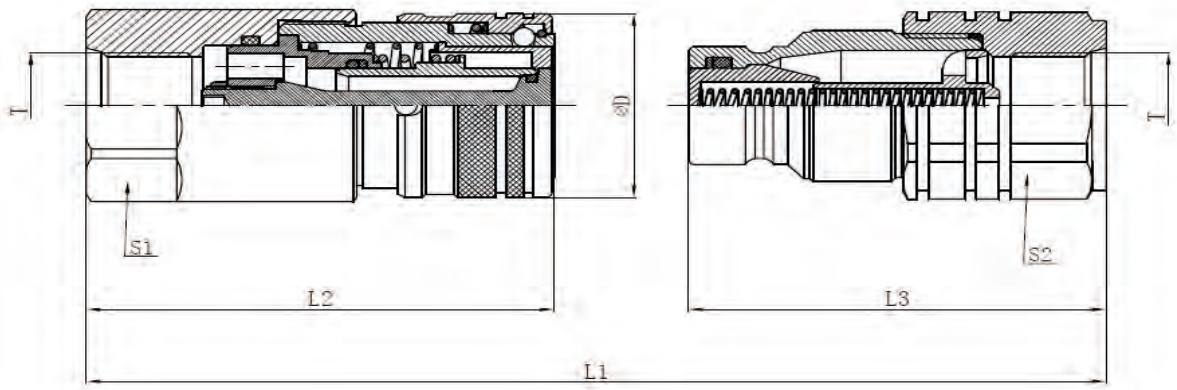
## SPECIFICATION

Materials: zinc-plated carbon steel body

Seals: standard in nitrile NBR. On request FKM,EPDM and VMQ seals

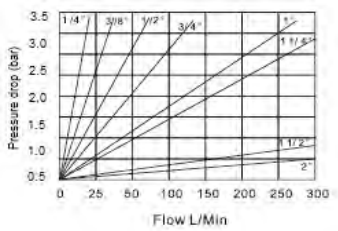
Back-up ring: in pure Teflon

Working temperature: with standard seals -25˚c + 125˚c




| DN | ISO | L1 | L2 | L3 | ØD | S1 | S2 | T | PRODUCT REFERENCE (F) | PRODUCT REFERENCE (M) |
|---|---|---|---|---|---|---|---|---|---|---|
| 04 | 6.3 | 100.0 | 58.5 | 53.3 | 28.0 | 22.0 | 22.0 | 1/4" BSP | QRCFFF14 | QRCFFM14 |
| 06 | 10 | 121.0 | 73.5 | 61.2 | 32.0 | 30.0 | 30.0 | 3/8" BSP | QRCFFF38 | QRCFFM38 |
| 06 | 10 | 121.0 | 73.5 | 61.2 | 32.0 | 30.0 | 30.0 | 1/2" BSP | QRCFFF12-38 | QRCFFM12-38 |
| 08 | 12.5 | 143.5 | 73.4 | 74.0 | 38.0 | 36.0 | 36.0 | 1/2" BSP | QRCFFF12 | QRCFFM12 |
| 08 | 12.5 | 143.5 | 73.4 | 74.0 | 38.0 | 36.0 | 36.0 | 3/4" BSP | QRCFFF34-12 | QRCFFM34-12 |
| 12 | 20 | 154.0 | 95.0 | 87.0 | 48.0 | 41.0 | 41.0 | 3/4" BSP | QRCFFF34 | QRCFFM34 |
| 12 | 20 | 154.0 | 95.0 | 87.0 | 48.0 | 41.0 | 41.0 | 1" BSP | QRCFFF1-34 | QRCFFM1-34 |
| 16 | 25 | 177.0 | 109.5 | 92.0 | 55.0 | 50.0 | 50.0 | 1" BSP | QRCFFF1 | QRCFFM1 |
| 16 | 25 | 177.0 | 109.5 | 92.0 | 55.0 | 50.0 | 50.0 | 1 1/4"BSP | QRCFFF1620114 | QRCFFM1620114 |
| 24 | 40 | 224.0 | 133.0 | 120.0 | 80.0 | 65.0 | 70.0 | 1-1/2" BSP | QRCFFF24112 | QRCFFM24112 |
| 32 | 50 | 284.0 | 147.5 | 173.0 | 102.0 | 80.0 | 80.0 | 2" BSP | QRCFFF322 | QRCFFM322 |

## TECHNICAL DATA




| NOMINAL SIZE | | MAX. WORKING PRESSURE | MAX FLOW | RATED FLOW | MIN BURST PRESSURE | | | FLUID SPILLAGE |
|---|---|---|---|---|---|---|---|---|
| | | | | | MALE | FEMALE | COUPLED | |
| DN | ISO | (BAR) | (L/M) | (L/M) | (BAR) | (BAR) | (BAR) | (CC) |
| 04 | 6.3 | 400 | 24 | 12 | 1900 | 1900 | 1430 | 0.008 |
| 06 | 10 | 350 | 46 | 23 | 1560 | 1780 | 1610 | 0.01 |
| 08 | 12.5 | 350 | 90 | 45 | 1700 | 1590 | 1900 | 0.012 |
| 12 | 20 | 350 | 170 | 100 | 1660 | 1470 | 1840 | 0.02 |
| 16 | 25 | 350 | 378 | 189 | 1470 | 1400 | 1530 | 0.03 |
| 24 | 40 | 250 | 750 | 379 | 1000 | 1000 | 1000 | 0.25 |
| 32 | 50 | 250 | 1000 | 758 | 1000 | 1000 | 1000 | 0.35 |

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| QRCFFF14 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1/4" BSP, DN04, ISO 6.3, 400 BAR RATED, 12 L/MIN | £7.95 | € 10.74 |
| QRCFFM14 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1/4" BSP, DN04, ISO 6.3, 400 BAR RATED, 12 L/MIN | £3.49 | € 4.72 |
| QRCFFF38 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 3/8" BSP, DN06, ISO10, 350 BAR RATED, 23 L/MIN | £10.39 | € 14.02 |
| QRCFFM38 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 3/8" BSP, DN06, ISO10, 350 BAR RATED, 23 L/MIN | £5.19 | € 7.01 |
| QRCFFF12-38 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1/2" BSP, DN06, ISO10, 350 BAR RATED, 23 L/MIN | £10.39 | € 14.02 |
| QRCFFM12-38 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1/2" BSP, DN06, ISO10, 350 BAR RATED, 23 L/MIN | £5.19 | € 7.01 |
| QRCFFF12 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1/2" BSP, DN08, ISO 12.5, 350 BAR RATED, 45 L/MIN | £13.33 | € 17.99 |
| QRCFFM12 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1/2" BSP, DN08, ISO 12.5, 350 BAR RATED, 45 L/MIN | £6.57 | € 8.87 |
| QRCFFF34-12 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 3/4" BSP, DN08, ISO 12.5, 350 BAR RATED, 45 L/MIN | £13.33 | € 17.99 |
| QRCFFM34-12 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 3/4" BSP, DN08, ISO 12.5, 350 BAR RATED, 45 L/MIN | £6.57 | € 8.87 |
| QRCFFF34 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 3/4" BSP, DN12, ISO 20, 350 BAR RATED, 100 L/MIN | £22.31 | € 30.13 |
| QRCFFM34 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 3/4" BSP, DN12, ISO 20, 350 BAR RATED, 100 L/MIN | £13.98 | € 18.86 |
| QRCFFF1-34 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1" BSP, DN12, ISO 20, 350 BAR RATED, 100 L/MIN | £22.31 | € 30.13 |
| QRCFFM1-34 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1" BSP, DN12, ISO 20, 350 BAR RATED, 100 L/MIN | £13.98 | € 18.86 |
| QRCFFF1 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1" BSP, DN16, ISO 25, 350 BAR RATED, 189 L/MIN | £32.81 | € 44.29 |
| QRCFFM1 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1" BSP, DN16, ISO 25, 350 BAR RATED, 189 L/MIN | £17.78 | € 24.01 |
| QRCFFF1620114 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1 1/4" BSP, DN16/DN20, ISO 25, 350 BAR RATED 189 L/MIN | £39.04 | € 52.70 |
| QRCFFM1620114 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1 1/4" BSP, DN16/DN20, ISO 25, 350 BAR RATED 189 L/MIN | £17.78 | € 24.01 |
| QRCFFF24112 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1 1/2" BSP, DN24, ISO 40, 250 BAR, 379 L/MIN | £124.09 | € 167.53 |
| QRCFFM24112 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1 1/2" BSP, DN24, ISO 40, 250 BAR, 379 L/MIN | £63.71 | € 86.01 |
| QRCFFF322 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 2" BSP, DN32, 250 BAR RATED, 758 L/MIN | £241.68 | € 326.27 |
| QRCFFM322 | HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 2" BSP, DN32, 250 BAR RATED, 758 L/MIN | £128.16 | € 173.03 |

## ACCESSORIES



| DN | ISO | FEMALE DUST PLUG | MALE DUST CAP | MATERIAL |
|---|---|---|---|---|
| 04 | 6.3 | PPQRCFFF14 | PPQRCFFM14 | Plastic |
| 06 | 10 | PPQRCFFF38 | PPQRCFFM38 | Plastic |
| 12 | 20 | PPQRCFFF34 | PPQRCFFM34 | Plastic |
| 16 | 25 | PPQRCFFF1 | PPQRCFFM1 | Plastic |

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PPQRCFFF14 | PLASTIC DUST CAP FOR 1/4"BSP, DN04 FLAT FACE FEMALE QRC | £0.63 | € 0.84 |
| PPQRCFFM14 | PLASTIC DUST CAP FOR 1/4"BSP,DN04 FLAT FACE MALE QRC | £0.63 | € 0.84 |
| PPQRCFFF38 | PLASTIC DUST CAP FOR 3/8"BSP, DN06 FLAT FACE FEMALE QRC AND 1/2"BSP, DN06 FLAT FACE FEMALE QRC | £0.67 | € 0.91 |
| PPQRCFFM38 | PLASTIC DUST CAP FOR 3/8"BSP, DN06 FLAT FACE MALE QRC AND 1/2"BSP, DN06 FLAT FACE MALE QRC | £0.67 | € 0.91 |
| PPQRCFFF12 | PLASTIC DUST CAP FOR 1/2"BSP, DN08 FLAT FACE FEMALE QRC AND 3/4"BSP, DN08 FLAT FACE FEMALE QRC | £0.78 | € 1.06 |
| PPQRCFFM12 | PLASTIC DUST CAP FOR 1/2"BSP, DN08 FLAT FACE MALE QRC AND 3/4"BSP, DN08 FLAT FACE MALE QRC | £0.78 | € 1.06 |
| PPQRCFFF34 | PLASTIC DUST CAP FOR 3/4"BSP, DN12 FLAT FACE FEMALE QRC AND 1"BSP, DN12 FLAT FACE FEMALE QRC | £0.91 | € 1.22 |
| PPQRCFFM34 | PLASTIC DUST CAP FOR 3/4"BSP, DN12 FLAT FACE MALE QRC AND 1"BSP, DN12 FLAT FACE MALE QRC | £0.91 | € 1.22 |
| PPQRCFFF1 | PLASTIC DUST CAP FOR 1"BSP, DN16 FLAT FACE FEMALE QRC | £1.38 | € 1.87 |
| PPQRCFFM1 | PLASTIC DUST CAP FOR 1"BSP, DN16 FLAT FACE MALE QRC | £1.38 | € 1.87 |

# FLOWFIT HYDRAULIC TRAILER BRAKE QUICK RELEASE COUPLINGS

www.flowfitonline.com
TECH. DATA SHEET
QRC03



Flowfit hydraulic trailer brake quick release couplings are mainly used in the agricultural sector for hydraulic braking systems.

Flowfit Hydraulic Trailer Brake Quick Release Couplings Interchange with:

NFU 16-006/68
DNP PFT
Parker 5676

Please refer to the specification table below to ensure the correct size is selected.

A grey plastic cap for the male couplings and a steel parking plug for the female coupling areavailable to protect and stop dirt entering the quick releases and your hydraulic circuit.

## INSTRUCTIONS FOR USE

Prior to connecting ensure that the mating parts of the couplings are clean and free of dirt to avoid contamination of the hydraulic system.

To connect, pull the collar on the female coupling back and insert the male coupling as far as it will go. Release the collar to lock the couplings together.

To disconnect, pull the collar on the female coupling back and allow the male coupling to disengage.

## CAUTION

Under no circumstances should the couplings be connected or disconnected with pressure in the hydraulic system.

To reduce the risk of contamination, the use of protective plugs and caps on the couplings when they are disconnected is strongly recommended (available separately).

## SPECIFICATION

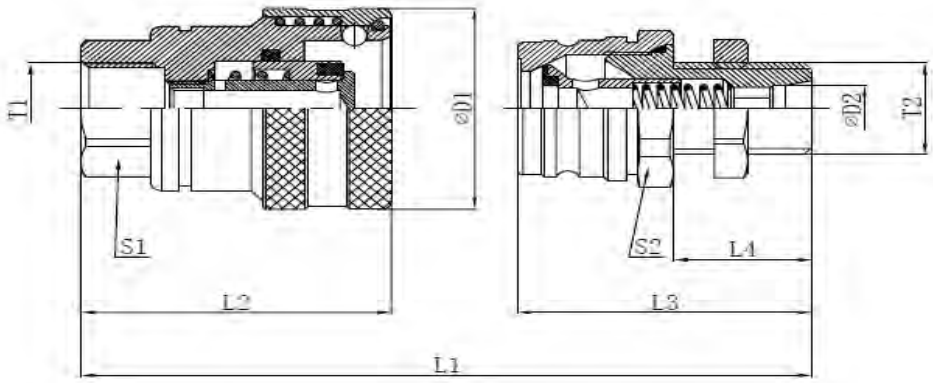
Materials: zinc-plated carbon steel body

Valve: Flat valve type

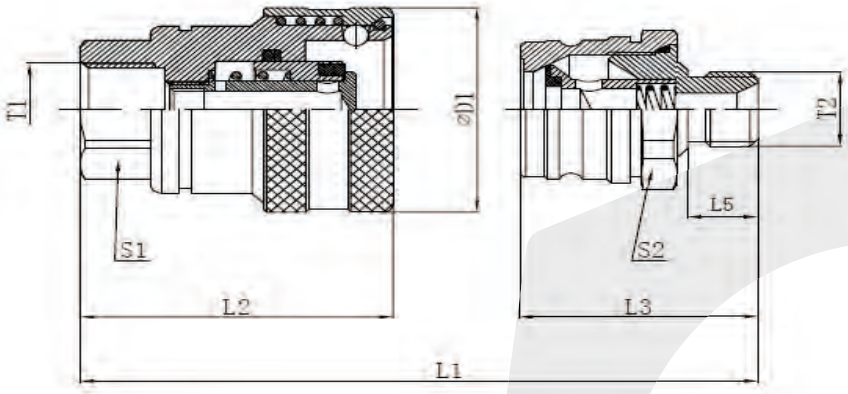
Back-up ring: in pure Teflon

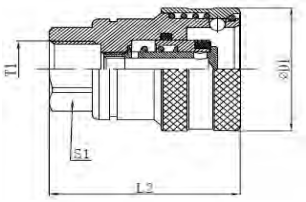
Seals: standard in nitrile NBR.
On request FKM,EPDM and VMQ seals
Working temperature: with standard seals
-25˚C+ 125˚C

## FEMALE TO MALE WITH BULKHEAD

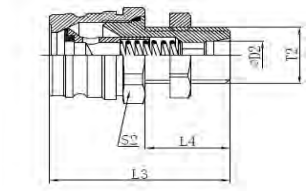



## FEMALE TO MALE WITH MALE THREAD

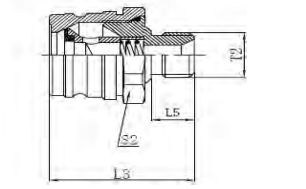





| FEMALE TRAILER BREAK QUICK RELEASE COUPLING | | | | | | |
|---|---|---|---|---|---|---|
| DN | ISO | L2 | D1 | S1 | T1 | PRODUCT REFERENCE |
| 08 | 12.5 | 56.0 | 44.0 | 27.0 | 3/8" BSP | QRCTBF38 |
| | | | | | 1/2" BSP | QRCTBF12 |
| | | | | | M18x1.5 | QRCTBFM18 |




| MALE TRAILER BRAKE QUICK RELEASE COUPLING WITH BULKHEAD CONNECTION | | | | | | | |
|---|---|---|---|---|---|---|---|
| DN | ISO | L3 | L4 | S2 | D2 | T2 | PRODUCT REFERENCE |
| 8.0 | 12.5 | 51.0 | 23.0 | 32.0 | 12.0 | M18x1.5 | QRCTBBMM18 |
| | | | | | 15.0 | M22x1.5 | QRCTBBMM22 |
| Combined length with Female Trailer Brake Coupling (L1) = 91.5 | | | | | | | |




| MALE TRAILER BRAKE QUICK RELEASE COUPLING WITH MALE THREAD | | | | | | |
|---|---|---|---|---|---|---|
| DN | ISO | L3 | L5 | S2 | T2 | PRODUCT REFERENCE |
| 8.0 | 12.5 | 48.0 | 15.0 | 32.0 | 1/2" BSP | QRCTBM12 |

Combined length with Female Trailer Brake Coupling (L1) = 88.5

## TECHNICAL DATA

| NOMINAL SIZE | | MAX. WORKING PRESSURE | RATED FLOW | MIN BURST PRESSURE | | | FLUID SPILLAGE |
|---|---|---|---|---|---|---|---|
| | | | | MALE | FEMALE | COUPLED | |
| DN | ISO | (BAR) | (L/M) | (BAR) | (BAR) | (BAR) | (CC) |
| 04 | 6.3 | 400 | 12 | 1900 | 1900 | 1430 | 0.008 |
| 06 | 10 | 350 | 23 | 1560 | 1780 | 1610 | 0.01 |
| 08 | 12.5 | 350 | 45 | 1700 | 1590 | 1900 | 0.012 |
| 12 | 20 | 350 | 100 | 1660 | 1470 | 1840 | 0.02 |
| 16 | 25 | 350 | 189 | 1470 | 1400 | 1530 | 0.03 |
| 24 | 40 | 250 | 379 | 1000 | 1000 | 1000 | 0.25 |
| 32 | 50 | 250 | 758 | 1000 | 1000 | 1000 | 0.35 |

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| QRCTBF38 | TRAILER BRAKE QRC FEMALE 3/8" BSP DN08, 150 BAR RATED 24 L/MIN | £4.80 | € 6.48 |
| QRCTBF12 | TRAILER BRAKE QRC FEMALE 1/2" BSP DN08, 150 BAR RATED 24 L/MIN | £4.80 | € 6.48 |
| QRCTBFM18 | TRAILER BRAKE QRC FEMALE M18X1.5 DN08, 150 BAR RATED 24 L/MIN | £4.80 | € 6.48 |
| QRCTBBMM18 | TRAILER BRAKE QRC MALE M18X1.5 BULKHEAD DN08, 150 BAR RATED 24 L/MIN | £4.15 | € 5.61 |
| QRCTBBMM22 | TRAILER BRAKE QRC MALE M22X1.5 BULKHEAD DN08, 150 BAR RATED 24 L/MIN | £4.15 | € 5.61 |
| QRCTBM12 | TRAILER BRAKE QRC MALE 1/2"BSP DN08, 150 BAR RATED 24 L/MIN | £4.15 | € 5.61 |

## ACCESSORIES



| DN | ISO | FEMALE DUST PLUG | MALE DUST CAP | MATERIAL |
|---|---|---|---|---|
| 08 | 12.5 | | QRCTBMPVC | Plastic |
| | | QRCTBFS | | Steel |

| PRODUCT REFERENCE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| QRCTBMPVC | TRAILER BRAKE PLASTIC MALE DUST CAP COVER DN08 (GREY) | £0.49 | € 0.66 |
| QRCTBFS | TRAILER BRAKE FEMALE STEEL DUST PLUG COUPLER COVER | £0.91 | € 1.22 |

## HYDRAULIC ADAPTORS

# HYDRAULIC ADAPTORS


| PRODUCT | PAGE |
|---|---|
| MALE X MALE ADAPTORS | 426 |
| MALE X SWIVEL FEMALE ADAPTORS | 440 |
| SWIVEL FEMALE X SWIVEL FEMALE ADAPTORS | 444 |
| MALE X FIXED FEMALE & FIXED FEMALE/FEMALE ADAPTORS | 445 |
| TEES & CROSS ADAPTORS | 448 |
| ELBOW ADAPTORS | 454 |
| PLUGS, CAPS & CRIMP NUTS | 461 |
| SWEPTS, PUSH-INS, HOSE-TAILS & FERRULES | 464 |
| BONDED SEALS | 466 |











QUALITY PRODUCTS

FREE ADVICE

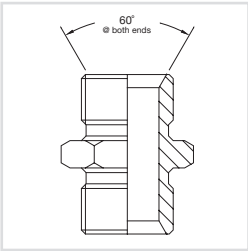


# MALE X MALE ADAPTORS

## BSP MALE X BSP MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| BUR00001 | Hydraulic adaptor male x male, 1/8" BSP x 1/8" BSP | £1.08 | € 1.46 |
| BUR00002 | Hydraulic adaptor male x male, 1/8" BSP x 1/4" BSP | £1.12 | € 1.51 |
| BUR00003 | Hydraulic adaptor male x male, 1/8" BSP x 3/8" BSP | £1.46 | € 1.97 |
| BUR00004 | Hydraulic adaptor male x male, 1/8" BSP x 1/2" BSP | £1.90 | € 2.57 |
| BUR00005 | Hydraulic adaptor male x male, 1/4" BSP x 1/4" BSP | £1.08 | € 1.46 |
| BUR00006 | Hydraulic adaptor male x male, 1/4" BSP x 3/8" BSP | £1.23 | € 1.66 |
| BUR00007 | Hydraulic adaptor male x male, 1/4" BSP x 1/2" BSP | £1.52 | € 2.05 |
| BUR00008 | Hydraulic adaptor male x male, 1/4" BSP x 5/8" BSP | £3.59 | € 4.84 |
| BUR00009 | Hydraulic adaptor male x male, 1/4" BSP x 3/4" BSP | £3.59 | € 4.84 |
| BUR00010 | Hydraulic adaptor male x male, 1/4" BSP x 1" BSP | £5.61 | € 7.57 |
| BUR00011 | Hydraulic adaptor male x male, 1/4" BSP x 1 1/4" BSP | £19.01 | € 25.66 |
| BUR00012 | Hydraulic adaptor male x male, 1/4" BSP x 1 1/2" BSP | £23.08 | € 31.16 |
| BUR00013 | Hydraulic adaptor male x male, 1/4" BSP x 2" BSP | £31.56 | € 42.61 |
| BUR00014 | Hydraulic adaptor male x male, 3/8" BSP x 3/8" BSP | £1.23 | € 1.66 |
| BUR00015 | Hydraulic adaptor male x male, 3/8" BSP x 1/2" BSP | £1.52 | € 2.05 |
| BUR00016 | Hydraulic adaptor male x male, 3/8" BSP x 5/8" BSP | £2.13 | € 2.87 |
| BUR00017 | Hydraulic adaptor male x male, 3/8" BSP x 3/4" BSP | £2.74 | € 3.70 |
| BUR00018 | Hydraulic adaptor male x male, 3/8" BSP x 1" BSP | £5.61 | € 7.57 |
| BUR00019 | Hydraulic adaptor male x male, 3/8" BSP x 1 1/4" BSP | £15.64 | € 21.11 |
| BUR00020 | Hydraulic adaptor male x male, 3/8" BSP x 1 1/2" BSP | £18.06 | € 24.38 |
| BUR00060 | Hydraulic adaptor male x male, 3/8" BSP x 2" BSP | £31.56 | € 42.61 |
| BUR00021 | Hydraulic adaptor male x male, 1/2" BSP x 1/2" BSP | £1.52 | € 2.05 |
| BUR00022 | Hydraulic adaptor male x male, 1/2" BSP x 5/8" BSP | £2.00 | € 2.70 |
| BUR00023 | Hydraulic adaptor male x male, 1/2" BSP x 3/4" BSP | £2.59 | € 3.50 |
| BUR00024 | Hydraulic adaptor male x male, 1/2" BSP x 1" BSP | £4.53 | € 6.11 |
| BUR00025 | Hydraulic adaptor male x male, 1/2" BSP x 1 1/4" BSP | £15.64 | € 21.11 |
| BUR00026 | Hydraulic adaptor male x male, 1/2" BSP x 1 1/2" BSP | £19.11 | € 25.79 |
| BUR00027 | Hydraulic adaptor male x male, 1/2" BSP x 2" BSP | £24.09 | € 32.53 |
| BUR00028 | Hydraulic adaptor male x male, 5/8" BSP x 5/8" BSP | £2.00 | € 2.70 |
| BUR00029 | Hydraulic adaptor male x male, 5/8" BSP x 3/4" BSP | £2.59 | € 3.50 |
| BUR00030 | Hydraulic adaptor male x male, 5/8" BSP x 1" BSP | £4.59 | € 6.20 |
| BUR00031 | Hydraulic adaptor male x male, 5/8" BSP x 1 1/4" BSP | £15.64 | € 21.11 |
| BUR00032 | Hydraulic adaptor male x male, 3/4" BSP x 3/4" BSP | £2.59 | € 3.50 |
| BUR00033 | Hydraulic adaptor male x male, 3/4" BSP x 1" BSP | £4.53 | € 6.11 |
| BUR00034 | Hydraulic adaptor male x male, 3/4" BSP x 1 1/4" BSP | £15.01 | € 20.27 |
| BUR00035 | Hydraulic adaptor male x male, 3/4" BSP x 1 1/2" BSP | £17.32 | € 23.38 |
| BUR00036 | Hydraulic adaptor male x male, 3/4" BSP x 2" BSP | £23.18 | € 31.29 |
| BUR00037 | Hydraulic adaptor male x male, 1" BSP x 1" BSP | £4.35 | € 5.88 |
| BUR00038 | Hydraulic adaptor male x male, 1" BSP x 1 1/4" BSP | £10.10 | € 13.63 |
| BUR00039 | Hydraulic adaptor male x male, 1" BSP x 1 1/2" BSP | £12.92 | € 17.44 |
| BUR00040 | Hydraulic adaptor male x male, 1" BSP x 2" BSP | £20.27 | € 27.37 |
| BUR00051 | Hydraulic adaptor male x male, 1" BSP x 2 1/2" BSP | £49.36 | € 66.64 |
| BUR00042 | Hydraulic adaptor male x male, 1 1/4" BSP x 1 1/4" BSP | £9.29 | € 12.54 |
| BUR00043 | Hydraulic adaptor male x male, 1 1/4" BSP x 1 1/2" BSP | £12.03 | € 16.24 |
| BUR00044 | Hydraulic adaptor male x male, 1 1/4" BSP x 2" BSP | £20.27 | € 27.37 |

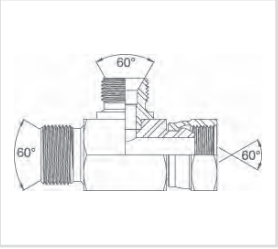
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| BUR00041 | Hydraulic adaptor male x male, 1 1/4" BSP x 2 1/2" BSP | £49.36 | € 66.64 |
| BUR00045 | Hydraulic adaptor male x male, 1 1/2" BSP x 1 1/2" BSP | £11.33 | € 15.29 |
| BUR00046 | Hydraulic adaptor male x male, 1 1/2" BSP x 1 3/4" BSP | £14.55 | € 19.63 |
| BUR00047 | Hydraulic adaptor male x male, 1 1/2" BSP x 2" BSP | £18.35 | € 24.78 |
| BUR00048 | Hydraulic adaptor male x male, 1 1/2" BSP x 2 1/2" BSP | £49.36 | € 66.64 |
| BUR00057 | Hydraulic adaptor male x male, 1 3/4" BSP x 1 3/4" BSP | £9.29 | € 12.54 |
| BUR00049 | Hydraulic adaptor male x male, 1 3/4" BSP x 2" BSP | £20.27 | € 27.37 |
| BUR00050 | Hydraulic adaptor male x male, 2" BSP x 2 " BSP | £18.35 | € 24.78 |
| BUR00053 | Hydraulic adaptor male x male, 2" BSP x 2 1/2" BSP | £49.36 | € 66.64 |
| BUR00056 | Hydraulic adaptor male x male, 2" BSP x 3" BSP | £95.80 | € 129.33 |
| BUR00063 | Hydraulic adaptor male x male, 2" BSP x 4" BSP | £178.30 | € 240.70 |
| BUR00052 | Hydraulic adaptor male x male, 2 1/2" BSP x 2 1/2" BSP | £42.99 | € 58.04 |
| BUR00054 | Hydraulic adaptor male x male, 2 1/2" BSP x 3" BSP | £65.86 | € 88.91 |
| BUR00055 | Hydraulic adaptor male x male, 3" BSP x 3" BSP | £65.86 | € 88.91 |
| BUR00064 | Hydraulic adaptor male x male, 3" BSP x 4" BSP | £178.30 | € 240.70 |
| BUR00061 | Hydraulic adaptor male x male, 3 1/2" BSP x 4" BSP | £150.07 | € 202.59 |
| BUR00062 | Hydraulic adaptor male x male, 4" BSP x 4" BSP | £169.02 | € 228.18 |

## ORFS MALE X ORFS MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01



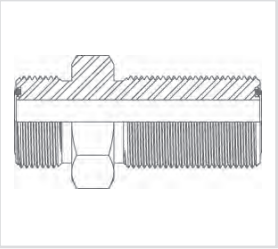



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR9305-04-04 | Hydraulic adaptor ORFS male x ORFS male, 9/16 ORFS X 9/16 ORFS | £3.63 | € 4.90 |
| BUR9305-24-24 | Hydraulic adaptor ORFS male x ORFS male, 2 ORFS X 2 ORFS | £39.66 | € 53.54 |

## ORFS MALE X ORFS MALE BULKHEAD ONLY

www.flowfitonline.com
TECH. DATA SHEET
HA01



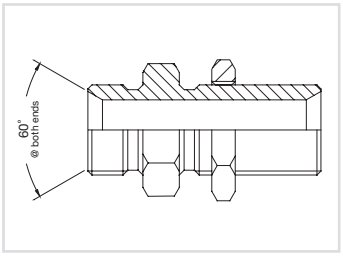


| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR9325-04 | Hydraulic adaptor ORFS male x ORFS male bulkhead only, 9/16 ORFS | £12.30 | € 16.61 |
| BUR9325-06 | Hydraulic adaptor ORFS male x ORFS male bulkhead only, 11/16 ORFS | £12.09 | € 16.32 |
| BUR9325-08 | Hydraulic adaptor ORFS male x ORFS male bulkhead only, 13/16 ORFS | £15.95 | € 21.54 |
| BUR9325-10 | Hydraulic adaptor ORFS male x ORFS male bulkhead only, 1 ORFS | £17.22 | € 23.24 |
| BUR9325-12 | Hydraulic adaptor ORFS male x ORFS male bulkhead only, 1-3/16 ORFS | £21.99 | € 29.69 |
| BUR9325-16 | Hydraulic adaptor ORFS male x ORFS male bulkhead only, 1-7/16 ORFS | £26.22 | € 35.40 |
| BUR9325-20 | Hydraulic adaptor ORFS male x ORFS male bulkhead only, 1-11/16 ORFS | £39.40 | € 53.19 |

# BSP MALE X BSP MALE BULKHEAD WITH LOCKNUT

www.flowfitonline.com
TECH. DATA SHEET
HA01



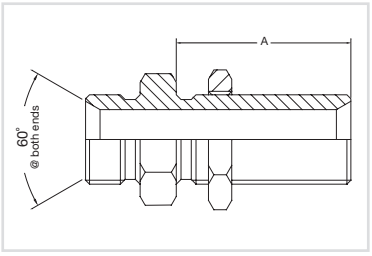



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09500 | Hydraulic bulkhead male x male adaptor with locknut 1/8" BSP | £4.33 | € 5.84 |
| BUR09501 | Hydraulic bulkhead male x male adaptor with locknut 1/4" BSP | £3.80 | € 5.13 |
| BUR09502 | Hydraulic bulkhead male x male adaptor with locknut 3/8" BSP | £4.09 | € 5.53 |
| BUR09503 | Hydraulic bulkhead male x male adaptor with locknut 1/2" BSP | £4.46 | € 6.03 |
| BUR09504 | Hydraulic bulkhead male x male adaptor with locknut 5/8" BSP | £5.14 | € 6.94 |
| BUR09506 | Hydraulic bulkhead male x male adaptor with locknut 3/4" BSP | £7.69 | € 10.38 |
| BUR09507 | Hydraulic bulkhead male x male adaptor with locknut 1" BSP | £10.68 | € 14.42 |
| BUR09508 | Hydraulic bulkhead male x male adaptor with locknut 1-1/4" BSP | £20.92 | € 28.24 |
| BUR09509 | Hydraulic bulkhead male x male adaptor with locknut 1-1/2" BSP | £39.61 | € 53.48 |
| BUR09510 | Hydraulic bulkhead male x male adaptor with locknut 2" BSP | £54.30 | € 73.31 |
| BUR09516 | Hydraulic bulkhead male x male adaptor with locknut 2-1/2" BSP | £109.45 | € 147.75 |
| BUR09517 | Hydraulic bulkhead male x male adaptor with locknut 3" BSP | £176.43 | € 238.18 |
| BUR09512 | Hydraulic bulkhead male x male adaptor with locknut 1/4" BSP x 3/8" BSP | £5.82 | € 7.86 |
| BUR09513 | Hydraulic bulkhead male x male adaptor with locknut 3/8" BSP x 1/4" BSP | £5.82 | € 7.86 |
| BUR09505 | Hydraulic bulkhead male x male adaptor with locknut 3/8" BSP x 1/2" BSP | £8.56 | € 11.57 |
| BUR09511 | Hydraulic bulkhead male x male adaptor with locknut 1/2" BSP x 3/8" BSP | £8.56 | € 11.57 |
| BUR09514 | Hydraulic bulkhead male x male adaptor with locknut 1/2" BSP x 3/4" BSP | £15.37 | € 20.75 |
| BUR09515 | Hydraulic bulkhead male x male adaptor with locknut 3/4" BSP x 1/2" BSP | £15.15 | € 20.46 |
| BUR09521 | Hydraulic bulkhead male x male adaptor with locknut 1-1/2" BSP x 1" BSP | £58.54 | € 79.02 |

# BSP MALE X BSP MALE EXTENDED BULKHEAD WITH LOCKNUT

www.flowfitonline.com
TECH. DATA SHEET
HA01



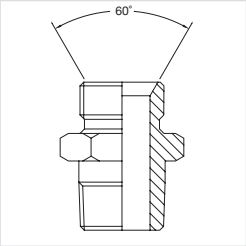



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR12201 | Hydraulic male x male extended bulkhead with locknut 1/4" BSP | £7.74 | € 10.45 |
| BUR12202 | Hydraulic male x male extended bulkhead with locknut 3/8" BSP | £9.24 | € 12.48 |
| BUR12203 | Hydraulic male x male extended bulkhead with locknut 1/2" BSP | £9.50 | € 12.83 |
| BUR12205 | Hydraulic male x male extended bulkhead with locknut 5/8" BSP | £12.10 | € 16.33 |
| BUR12204 | Hydraulic male x male extended bulkhead with locknut 3/4" BSP | £12.79 | € 17.26 |
| BUR12206 | Hydraulic male x male extended bulkhead with locknut 1" BSP | £24.73 | € 33.39 |
| BUR12211 | Hydraulic male x male extended bulkhead with locknut 3/8" BSP x 1/2" BSP | £9.54 | € 12.87 |
| BUR12210 | Hydraulic male x male extended bulkhead with locknut 1/2" BSP x 3/8" BSP | £9.54 | € 12.87 |
| BUR12215 | Hydraulic male x male extended bulkhead with locknut 3/4" BSP x 1/2" BSP | £12.79 | € 17.26 |

# BSP MALE X BSPT MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01





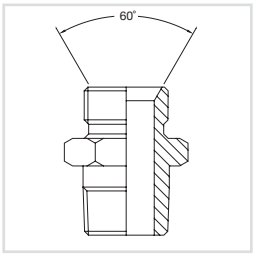

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00301 | Hydraulic adaptor male x taper male 1/8" BSP x 1/8" BSPT | £1.20 | € 1.62 |
| BUR00302 | Hydraulic adaptor male x taper male 1/8" BSP x 1/4" BSPT | £1.36 | € 1.84 |
| BUR00303 | Hydraulic adaptor male x taper male 1/8" BSP x 3/8" BSPT | £1.73 | € 2.33 |
| BUR00304 | Hydraulic adaptor male x taper male 1/8" BSP x 1/2" BSPT | £4.28 | € 5.78 |
| BUR00305 | Hydraulic adaptor male x taper male 1/4" BSP x 1/8" BSPT | £1.36 | € 1.84 |
| BUR00306 | Hydraulic adaptor male x taper male 1/4" BSP x 1/4" BSPT | £1.20 | € 1.62 |
| BUR00307 | Hydraulic adaptor male x taper male 1/4" BSP x 3/8" BSPT | £1.52 | € 2.05 |
| BUR00308 | Hydraulic adaptor male x taper male 1/4" BSP x 1/2" BSPT | £2.10 | € 2.83 |
| BUR00310 | Hydraulic adaptor male x taper male 1/4" BSP x 3/4" BSPT | £3.59 | € 4.84 |
| BUR00311 | Hydraulic adaptor male x taper male 3/8" BSP x 1/8" BSPT | £2.10 | € 2.83 |
| BUR00312 | Hydraulic adaptor male x taper male 3/8" BSP x 1/4" BSPT | £1.68 | € 2.28 |
| BUR00313 | Hydraulic adaptor male x taper male 3/8" BSP x 3/8" BSPT | £1.52 | € 2.05 |
| BUR00314 | Hydraulic adaptor male x taper male 3/8" BSP x 1/2" BSPT | £2.10 | € 2.83 |
| BUR00315 | Hydraulic adaptor male x taper male 3/8" BSP x 5/8" BSPT | £2.93 | € 3.95 |
| BUR00316 | Hydraulic adaptor male x taper male 3/8" BSP x 3/4" BSPT | £3.50 | € 4.72 |
| BUR00317 | Hydraulic adaptor male x taper male 3/8" BSP x 1" BSPT | £6.18 | € 8.34 |
| BUR00318 | Hydraulic adaptor male x taper male 1/2" BSP x 1/8" BSPT | £2.74 | € 3.70 |
| BUR00319 | Hydraulic adaptor male x taper male 1/2" BSP x 1/4" BSPT | £2.10 | € 2.83 |
| BUR00320 | Hydraulic adaptor male x taper male 1/2" BSP x 3/8" BSPT | £1.90 | € 2.57 |
| BUR00321 | Hydraulic adaptor male x taper male 1/2" BSP x 1/2" BSPT | £1.68 | € 2.28 |
| BUR00322 | Hydraulic adaptor male x taper male 1/2" BSP x 5/8" BSPT | £2.39 | € 3.22 |
| BUR00323 | Hydraulic adaptor male x taper male 1/2" BSP x 3/4" BSPT | £2.86 | € 3.87 |
| BUR00324 | Hydraulic adaptor male x taper male 1/2" BSP x 1" BSPT | £4.88 | € 6.59 |
| BUR00360 | Hydraulic adaptor male x taper male 1/2" BSP x 1-1/4" BSPT | £11.19 | € 15.11 |
| BUR00325 | Hydraulic adaptor male x taper male 5/8" BSP x 1/4" BSPT | £2.93 | € 3.95 |
| BUR00326 | Hydraulic adaptor male x taper male 5/8" BSP x 3/8" BSPT | £3.19 | € 4.30 |
| BUR00327 | Hydraulic adaptor male x taper male 5/8" BSP x 1/2" BSPT | £2.28 | € 3.08 |
| BUR00328 | Hydraulic adaptor male x taper male 5/8" BSP x 5/8" BSPT | £2.28 | € 3.08 |
| BUR00329 | Hydraulic adaptor male x taper male 5/8" BSP x 3/4" BSPT | £3.59 | € 4.84 |
| BUR00330 | Hydraulic adaptor male x taper male 3/4" BSP x 1/4" BSPT | £4.14 | € 5.58 |
| BUR00331 | Hydraulic adaptor male x taper male 3/4" BSP x 3/8" BSPT | £3.82 | € 5.16 |
| BUR00332 | Hydraulic adaptor male x taper male 3/4" BSP x 1/2" BSPT | £2.81 | € 3.79 |
| BUR00333 | Hydraulic adaptor male x taper male 3/4" BSP x 5/8" BSPT | £3.50 | € 4.72 |
| BUR00334 | Hydraulic adaptor male x taper male 3/4" BSP x 3/4" BSPT | £2.64 | € 3.55 |
| BUR00335 | Hydraulic adaptor male x taper male 3/4" BSP x 1" BSPT | £4.88 | € 6.59 |
| BUR00336 | Hydraulic adaptor male x taper male 3/4" BSP x 1-1/4" BSPT | £11.19 | € 15.11 |
| BUR00365 | Hydraulic adaptor male x taper male 3/4" BSP x 1-1/2" BSPT | £17.66 | € 23.84 |
| BUR00367 | Hydraulic adaptor male x taper male 3/4" BSP x 2" BSPT | £92.83 | € 125.31 |
| BUR00337 | Hydraulic adaptor male x taper male 1" BSP x 1/4" BSPT | £17.66 | € 23.84 |
| BUR00361 | Hydraulic adaptor male x taper male 1" BSP x 3/8" BSPT | £6.18 | € 8.34 |
| BUR00338 | Hydraulic adaptor male x taper male 1" BSP x 1/2" BSPT | £4.88 | € 6.59 |
| BUR00339 | Hydraulic adaptor male x taper male 1" BSP x 3/4" BSPT | £4.88 | € 6.59 |
| BUR00340 | Hydraulic adaptor male x taper male 1" BSP x 1 " BSPT | £4.88 | € 6.59 |
| BUR00341 | Hydraulic adaptor male x taper male 1" BSP x 1-1/4" BSPT | £10.68 | € 14.42 |
| BUR00342 | Hydraulic adaptor male x taper male 1" BSP x 1-1/2" BSPT | £12.83 | € 17.32 |
| BUR00343 | Hydraulic adaptor male x taper male 1" BSP x 2" BSPT | £23.18 | € 31.29 |
| BUR00344 | Hydraulic adaptor male x taper male 1-1/4" BSP x 3/4" BSPT | £11.42 | € 15.41 |
| BUR00345 | Hydraulic adaptor male x taper male 1-1/4" BSP x 1" BSPT | £11.42 | € 15.41 |
| BUR00346 | Hydraulic adaptor male x taper male 1-1/4" BSP x 1-1/4" BSPT | £10.35 | € 13.96 |
| BUR00347 | Hydraulic adaptor male x taper male 1-1/4" BSP x 1-1/2" BSPT | £13.34 | € 18.00 |
| BUR00348 | Hydraulic adaptor male x taper male 1-1/4" BSP x 2" BSPT | £21.91 | € 29.58 |

Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00349 | Hydraulic adaptor male x taper male 1-1/2" BSP x 1" BSPT | £15.45 | € 20.87 |
| BUR00350 | Hydraulic adaptor male x taper male 1-1/2" BSP x 1-1/4" BSPT | £13.34 | € 18.00 |
| BUR00351 | Hydraulic adaptor male x taper male 1-1/2" BSP x 1-1/2" BSPT | £12.83 | € 17.32 |
| BUR00352 | Hydraulic adaptor male x taper male 1-1/2" BSP x 2" BSPT | £21.73 | € 29.33 |
| BUR00353 | Hydraulic adaptor male x taper male 2" BSP x 1" BSPT | £22.20 | € 29.98 |
| BUR00354 | Hydraulic adaptor male x taper male 2" BSP x 1-1/4" BSPT | £22.20 | € 29.98 |
| BUR00355 | Hydraulic adaptor male x taper male 2" BSP x 1-1/2" BSPT | £21.73 | € 29.33 |
| BUR00356 | Hydraulic adaptor male x taper male 2" BSP x 2" BSPT | £21.73 | € 29.33 |
| BUR00363 | Hydraulic adaptor male x taper male 2" BSP x 2-1/2" BSPT | £124.59 | € 168.20 |
| BUR00362 | Hydraulic adaptor male x taper male 2" BSP x 3" BSPT | £129.46 | € 174.77 |
| BUR00359 | Hydraulic adaptor male x taper male 2-1/2" BSP x 2" BSPT | £125.18 | € 169.00 |
| BUR00357 | Hydraulic adaptor male x taper male 2-1/2 " BSP x 2-1/2" BSPT | £114.83 | € 155.01 |
| BUR00364 | Hydraulic adaptor male x taper male 2-1/2" BSP x 3" BSPT | £129.46 | € 174.77 |
| BUR00358 | Hydraulic adaptor male x taper male 3" BSP x 3" BSPT | £129.46 | € 174.77 |
| BUR00366 | Hydraulic adaptor male x taper male 4" BSP x 4" BSPT | £149.97 | € 202.46 |

# BSP MALE X JIC MALE






www.flowfitonline.com
TECH. DATA SHEET
HA01

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01164 | Hydraulic adaptor male BSP x JIC male, 1/8" BSP x 3/8" JIC | £2.10 | € 2.83 |
| BUR01101 | Hydraulic adaptor male BSP x JIC male, 1/8" BSP x 7/16" JIC | £1.68 | € 2.28 |
| BUR01102 | Hydraulic adaptor male BSP x JIC male, 1/8" BSP x 1/2" JIC | £1.59 | € 2.14 |
| BUR01100 | Hydraulic adaptor male BSP x JIC male, 1/8" BSP x 9/16" JIC | £1.97 | € 2.66 |
| BUR01160 | Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 5/16" JIC | £3.50 | € 4.72 |
| BUR01163 | Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 3/8" JIC | £8.69 | € 11.74 |
| BUR01103 | Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 7/16" JIC | £1.20 | € 1.62 |
| BUR01104 | Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 1/2" JIC | £1.46 | € 1.97 |
| BUR01105 | Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 9/16" JIC | £1.36 | € 1.84 |
| BUR01106 | Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 3/4" JIC | £2.00 | € 2.70 |
| BUR01107 | Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 7/8" JIC | £3.15 | € 4.26 |
| BUR01155 | Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 1-1/16" JIC | £5.96 | € 8.05 |
| BUR01168 | Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 1-3/16" JIC | £5.96 | € 8.05 |
| BUR01108 | Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 1-5/16" JIC | £5.96 | € 8.05 |
| BUR01109 | Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 7/16" JIC | £1.46 | € 1.97 |
| BUR01110 | Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 1/2" JIC | £1.46 | € 1.97 |
| BUR01111 | Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 9/16" JIC | £1.36 | € 1.84 |
| BUR01112 | Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 3/4" JIC | £1.68 | € 2.28 |
| BUR01113 | Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 7/8" JIC | £2.00 | € 2.70 |
| BUR01114 | Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 1-1/16" JIC | £3.15 | € 4.26 |
| BUR01115 | Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 1-5/16" JIC | £4.96 | € 6.70 |
| BUR01116 | Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 7/16" JIC | £2.10 | € 2.83 |
| BUR01117 | Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 1/2" JIC | £2.10 | € 2.83 |
| BUR01118 | Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 9/16" JIC | £1.73 | € 2.33 |
| BUR01119 | Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 3/4" JIC | £1.68 | € 2.28 |
| BUR01120 | Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 7/8" JIC | £14.25 | € 19.23 |
| BUR01121 | Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 1-1/16" JIC | £2.59 | € 3.50 |
| BUR01122 | Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 1-5/16" JIC | £4.96 | € 6.70 |
| BUR01123 | Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 9/16" JIC | £3.15 | € 4.26 |
| BUR01124 | Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 3/4" JIC | £3.15 | € 4.26 |
| BUR01125 | Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 7/8" JIC | £3.15 | € 4.26 |
| BUR01126 | Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 1-1/16" JIC | £4.02 | € 5.42 |

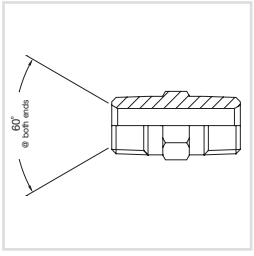
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01127 | Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 1-3/16" JIC | £4.46 | € 6.03 |
| BUR01128 | Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 1-5/16" JIC | £3.33 | € 4.49 |
| BUR01129 | Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 7/16" JIC | £3.33 | € 4.49 |
| BUR01130 | Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1/2" JIC | £3.33 | € 4.49 |
| BUR01150 | Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 9/16" JIC | £3.33 | € 4.49 |
| BUR01131 | Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 3/4" JIC | £2.81 | € 3.79 |
| BUR01132 | Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 7/8" JIC | £2.81 | € 3.79 |
| BUR01133 | Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1-1/16" JIC | £2.64 | € 3.55 |
| BUR01134 | Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1-3/16" JIC | £4.02 | € 5.42 |
| BUR01135 | Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1-5/16" JIC | £4.46 | € 6.03 |
| BUR01148 | Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1-5/8" JIC | £12.21 | € 16.49 |
| BUR01158 | Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1-7/8" JIC | £16.97 | € 22.91 |
| BUR01169 | Hydraulic adaptor male BSP x JIC male, 1" BSP x 9/16" JIC | £7.52 | € 10.15 |
| BUR01136 | Hydraulic adaptor male BSP x JIC male, 1" BSP x 3/4" JIC | £5.14 | € 6.94 |
| BUR01137 | Hydraulic adaptor male BSP x JIC male, 1" BSP x 7/8" JIC | £5.14 | € 6.94 |
| BUR01138 | Hydraulic adaptor male BSP x JIC male, 1" BSP x 1-1/16" JIC | £4.46 | € 6.03 |
| BUR01139 | Hydraulic adaptor male BSP x JIC male, 1" BSP x 1-3/16" JIC | £4.46 | € 6.03 |
| BUR01140 | Hydraulic adaptor male BSP x JIC male, 1" BSP x 1-5/16" JIC | £4.46 | € 6.03 |
| BUR01141 | Hydraulic adaptor male BSP x JIC male, 1" BSP x 1-5/8" JIC | £11.55 | € 15.58 |
| BUR01156 | Hydraulic adaptor male BSP x JIC male, 1" BSP x 1-7/8" JIC | £16.97 | € 22.91 |
| BUR01151 | Hydraulic adaptor male BSP x JIC male, 1" BSP x 2-1/2" JIC | £33.62 | € 45.39 |
| BUR01142 | Hydraulic adaptor male BSP x JIC male, 1-1/4" BSP x 1-1/16" JIC | £11.55 | € 15.58 |
| BUR01143 | Hydraulic adaptor male BSP x JIC male, 1-1/4" BSP x 1-5/16" JIC | £11.55 | € 15.58 |
| BUR01144 | Hydraulic adaptor male BSP x JIC male, 1-1/4" BSP x 1-5/8" JIC | £11.55 | € 15.58 |
| BUR01145 | Hydraulic adaptor male BSP x JIC male, 1-1/4" BSP x 1-7/8" JIC | £16.97 | € 22.91 |
| BUR01152 | Hydraulic adaptor male BSP x JIC male, 1 -1/4" BSP x 2-1/2" JIC | £33.79 | € 45.62 |
| BUR01159 | Hydraulic adaptor male BSP x JIC male, 1-1/2" BSP x 1-1/16" JIC | £16.97 | € 22.91 |
| BUR01149 | Hydraulic adaptor male BSP x JIC male, 1-1/2" BSP x 1-5/16" JIC | £16.97 | € 22.91 |
| BUR01154 | Hydraulic adaptor male BSP x JIC male, 1-1/2" BSP x 1-5/8" JIC | £16.97 | € 22.91 |
| BUR01146 | Hydraulic adaptor male BSP x JIC male, 1-1/2" BSP x 1-7/8" JIC | £16.97 | € 22.91 |
| BUR01153 | Hydraulic adaptor male BSP x JIC male, 1-1/2" BSP x 2-1/2" JIC | £33.79 | € 45.62 |
| BUR01175 | Hydraulic adaptor male BSP x JIC male, 2" BSP x 1-5/8" JIC | £23.23 | € 31.36 |
| BUR01157 | Hydraulic adaptor male BSP x JIC male, 2" BSP x 1-7/8" JIC | £25.60 | € 34.56 |
| BUR01147 | Hydraulic adaptor male BSP x JIC male, 2" BSP x 2-1/2" JIC | £25.60 | € 34.56 |

# NPTF MALE X NPTF MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00675 | Hydraulic adaptor NPTF male x NPTF male, 1/8" NPTF x 1/8" NPTF | £2.00 | € 2.70 |
| BUR00676 | Hydraulic adaptor NPTF male x NPTF male, 1/8" NPTF x 1/4" NPTF | £2.00 | € 2.70 |
| BUR00700 | Hydraulic adaptor NPTF male x NPTF male, 1/8" NPTF x 3/8" NPTF | £2.42 | € 3.26 |
| BUR00704 | Hydraulic adaptor NPTF male x NPTF male, 1/8" NPTF x 1/2" NPTF | £2.93 | € 3.95 |
| BUR00677 | Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 1/4" NPTF | £2.00 | € 2.70 |
| BUR00678 | Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 3/8" NPTF | £2.24 | € 3.01 |
| BUR00681 | Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 1/2" NPTF | £2.42 | € 3.26 |
| BUR00684 | Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 3/4" NPTF | £5.92 | € 7.99 |
| BUR00699 | Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 1" NPTF | £8.41 | € 11.36 |

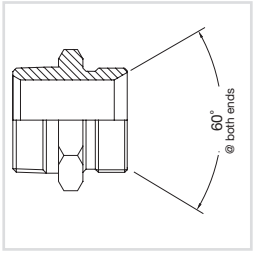
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00679 | Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 3/8" NPTF | £2.24 | € 3.01 |
| BUR00680 | Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 1/2" NPTF | £2.42 | € 3.26 |
| BUR00685 | Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 3/4" NPTF | £5.92 | € 7.99 |
| BUR00708 | Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 1" NPTF | £29.03 | € 39.19 |
| BUR00682 | Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1/2" NPTF | £2.42 | € 3.26 |
| BUR00686 | Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 3/4" NPTF | £4.28 | € 5.78 |
| BUR00690 | Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1" NPTF | £2.74 | € 3.70 |
| BUR00705 | Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1-1/4" NPTF | £15.45 | € 20.87 |
| BUR00702 | Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1-1/2" NPTF | £19.01 | € 25.66 |
| BUR00688 | Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 3/4" NPTF | £13.64 | € 18.41 |
| BUR00691 | Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1" NPTF | £4.91 | € 6.63 |
| BUR00689 | Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1-1/4" NPTF | £5.19 | € 7.01 |
| BUR00695 | Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1-1/2" NPTF | £15.45 | € 20.87 |
| BUR00692 | Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 1" NPTF | £4.91 | € 6.63 |
| BUR00693 | Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 1-1/4" NPTF | £11.82 | € 15.95 |
| BUR00701 | Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 1-1/2" NPTF | £15.64 | € 21.11 |
| BUR00694 | Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 1-1/4" NPTF | £11.82 | € 15.95 |
| BUR00696 | Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 1-1/2" NPTF | £15.88 | € 21.44 |
| BUR00706 | Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 2" NPTF | £22.02 | € 29.73 |
| BUR00697 | Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 1-1/2" NPTF | £15.64 | € 21.11 |
| BUR00703 | Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 2" NPTF | £22.02 | € 29.73 |
| BUR00698 | Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 2" NPTF | £21.98 | € 29.67 |
| BUR00717 | Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 2-1/2" NPTF | £141.96 | € 191.64 |
| BUR00711 | Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 3" NPTF | £136.54 | € 184.33 |
| BUR00707 | Hydraulic adaptor NPTF male x NPTF male, 2-1/2" NPTF x 2-1/2" NPTF | £123.44 | € 166.65 |
| BUR00713 | Hydraulic adaptor NPTF male x NPTF male, 2-1/2" NPTF x 3" NPTF | £137.42 | € 185.51 |
| BUR00709 | Hydraulic adaptor NPTF male x NPTF male, 3" NPTF x 3" NPTF | £124.48 | € 168.05 |
| BUR00710 | Hydraulic adaptor NPTF male x NPTF male, 4" NPTF x 4" NPTF | £149.97 | € 202.46 |

# NPTF MALE X BSP MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00600 | Hydraulic adaptor NPTF male x BSP male, 1/8" NPTF x 1/8" BSP | £1.23 | € 1.66 |
| BUR00601 | Hydraulic adaptor NPTF male x BSP male, 1/8" NPTF x 1/4" BSP | £1.52 | € 2.05 |
| BUR00602 | Hydraulic adaptor NPTF male x BSP male, 1/8" NPTF x 3/8" BSP | £1.90 | € 2.57 |
| BUR00603 | Hydraulic adaptor NPTF male x BSP male, 1/8" NPTF x 1/2" BSP | £2.81 | € 3.79 |
| BUR00604 | Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 1/8" BSP | £2.24 | € 3.01 |
| BUR00605 | Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 1/4" BSP | £1.33 | € 1.79 |
| BUR00606 | Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 3/8" BSP | £1.73 | € 2.33 |
| BUR00607 | Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 1/2" BSP | £2.10 | € 2.83 |
| BUR00608 | Hydraulic adaptor NPTF male x BSP male, 1/4" NPTFf x 3/4" BSP | £3.80 | € 5.13 |
| BUR00650 | Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 1" BSP | £6.36 | € 8.59 |
| BUR00609 | Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 1/8" BSP | £2.24 | € 3.01 |
| BUR00610 | Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 1/4" BSP | £1.68 | € 2.28 |
| BUR00611 | Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 3/8" BSP | £1.46 | € 1.97 |
| BUR00612 | Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 1/2" BSP | £2.10 | € 2.83 |
| BUR00613 | Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 5/8" BSP | £3.40 | € 4.59 |
| BUR00614 | Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 3/4" BSP | £3.50 | € 4.72 |
| BUR00660 | Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 1" BSP | £6.42 | € 8.66 |

Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00656 | Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 1/8" BSP | £2.10 | € 2.83 |
| BUR00615 | Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 1/4" BSP | £2.10 | € 2.83 |
| BUR00616 | Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 3/8" BSP | £2.10 | € 2.83 |
| BUR00617 | Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 1/2" BSP | £1.59 | € 2.14 |
| BUR00618 | Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 5/8" BSP | £3.40 | € 4.59 |
| BUR00619 | Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 3/4" BSP | £3.40 | € 4.59 |
| BUR00620 | Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 1" BSP | £5.07 | € 6.84 |
| BUR00621 | Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 1/4" BSP | £3.91 | € 5.28 |
| BUR00622 | Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 3/8" BSP | £3.47 | € 4.68 |
| BUR00623 | Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 1/2" BSP | £3.15 | € 4.26 |
| BUR00624 | Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 5/8" BSP | £4.28 | € 5.78 |
| BUR00625 | Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 3/4" BSP | £2.64 | € 3.55 |
| BUR00626 | Hydraulic adaptor NPTF male x BSP male, 3/4" NPTFf x 1" BSP | £5.07 | € 6.84 |
| BUR00627 | Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 1-1/4" BSP | £10.10 | € 13.63 |
| BUR00647 | Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 1-1/2" BSP | £23.18 | € 31.29 |
| BUR00628 | Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 1/4" BSP | £8.41 | € 11.36 |
| BUR00649 | Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 3/8" BSP | £6.70 | € 9.04 |
| BUR00629 | Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 1/2" BSP | £5.07 | € 6.84 |
| BUR00630 | Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 3/4" BSP | £5.07 | € 6.84 |
| BUR00631 | Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 1" BSP | £4.96 | € 6.70 |
| BUR00632 | Hydraulic adaptor NPTF male x BSP malee, 1" NPTF x 1-1/4" BSP | £11.02 | € 14.87 |
| BUR00633 | Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 1-1/2" BSP | £12.60 | € 17.01 |
| BUR00634 | Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 2" BSP | £23.18 | € 31.29 |
| BUR00635 | Hydraulic adaptor NPTF male x BSP male, 1-1/4" NPTF x 3/4" BSP | £10.10 | € 13.63 |
| BUR00636 | Hydraulic adaptor NPTF male x BSP male, 1-1/4" NPTF x 1" BSP | £10.88 | € 14.68 |
| BUR00637 | Hydraulic adaptor NPTF male x BSP male, 1-1/4" NPTF x 1-1/4" BSP | £9.74 | € 13.15 |
| BUR00638 | Hydraulic adaptor NPTF male x BSP male, 1-1/4" NPTF x 1-1/2" BSP | £12.33 | € 16.65 |
| BUR00639 | Hydraulic adaptor NPTF male x BSP male, 1-1/4" NPTF x 2" BSP | £23.18 | € 31.29 |
| BUR00674 | Hydraulic adaptor NPTF male x BSP male, 1-1/2" NPTF x 3/4" BSP | £41.49 | € 56.02 |
| BUR00640 | Hydraulic adaptor NPTF male x BSP male, 1-1/2" NPTF x 1" BSP | £12.33 | € 16.65 |
| BUR00648 | Hydraulic adaptor NPTF male x BSP male, 1-1/2" NPTF x 1-1/4" BSP | £12.33 | € 16.65 |
| BUR00641 | Hydraulic adaptor NPTF male x BSP male, 1-1/2" NPTF x 1-1/2" BSP | £13.15 | € 17.76 |
| BUR00642 | Hydraulic adaptor NPTF male x BSP male, 1-1/2" NPTF x 2" BSP | £23.18 | € 31.29 |
| BUR00673 | Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 3/4" BSP | £41.49 | € 56.02 |
| BUR00643 | Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 1" BSP | £23.18 | € 31.29 |
| BUR00653 | Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 1-1/4" BSP | £23.18 | € 31.29 |
| BUR00644 | Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 1-1/2" BSP | £23.18 | € 31.29 |
| BUR00645 | Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 2" BSP | £20.33 | € 27.44 |
| BUR00646 | Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 2-1/2" BSP | £105.72 | € 142.72 |
| BUR00670 | Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 3" BSP | £124.63 | € 168.25 |
| BUR00657 | Hydraulic adaptor NPTF male x BSP male, 2-1/2" NPTF x 2" BSP | £114.84 | € 155.03 |
| BUR00654 | Hydraulic adaptor NPTF male x BSP male, 2-1/2" NPTF x 2-1/2" BSP | £114.84 | € 155.03 |
| BUR00671 | Hydraulic adaptor NPTF male x BSP male, 2-1/2" NPTF x 3" BSP | £124.63 | € 168.25 |
| BUR00658 | Hydraulic adaptor NPTF male x BSP male, 3" NPTF x 2" BSP | £124.63 | € 168.25 |
| BUR00659 | Hydraulic adaptor NPTF male x BSP male, 3" NPTF x 2-1/2" BSP | £124.63 | € 168.25 |
| BUR00655 | Hydraulic adaptor NPTF male x BSP male, 3" NPTF x 3" BSP | £124.63 | € 168.25 |
| BUR00672 | Hydraulic adaptor NPTF male x BSP male, 4" NPTF x 4" BSP | £149.97 | € 202.46 |

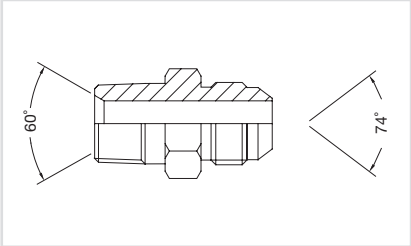



Continued on next page

# NPTF MALE X JIC MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01

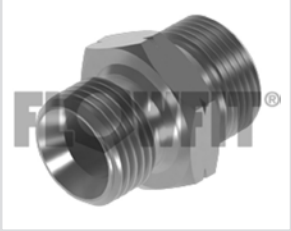


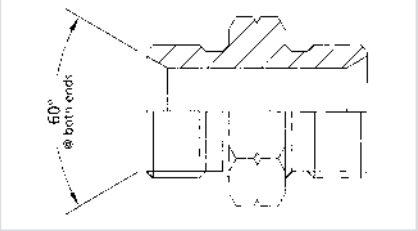



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00772 | Hydraulic adaptor NPTF male x JIC male, 1/8" NPTF x 3/8" JIC | £2.96 | € 4.00 |
| BUR00720 | Hydraulic adaptor NPTF male x JIC male, 1/8" NPTF x 7/16" JIC | £1.23 | € 1.66 |
| BUR00721 | Hydraulic adaptor NPTF male x JIC male, 1/8" NPTF x 1/2" JIC | £1.23 | € 1.66 |
| BUR00722 | Hydraulic adaptor NPTF male x JIC male, 1/8" NPTF x 9/16" JIC | £2.10 | € 2.83 |
| BUR00723 | Hydraulic adaptor NPTF male x JIC male, 1/8" NPTF x 3/4" JIC | £2.42 | € 3.26 |
| BUR00724 | Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 7/16" JIC | £1.33 | € 1.79 |
| BUR00725 | Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 1/2" JIC | £1.33 | € 1.79 |
| BUR00726 | Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 9/16" JIC | £1.33 | € 1.79 |
| BUR00727 | Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 3/4" JIC | £1.97 | € 2.66 |
| BUR00728 | Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 7/8" JIC | £2.69 | € 3.63 |
| BUR00743 | Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 1-1/16" JIC | £9.47 | € 12.79 |
| BUR00744 | Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 1-5/16" JIC | £10.41 | € 14.05 |
| BUR00729 | Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 7/16" JIC | £1.73 | € 2.33 |
| BUR00730 | Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 1/2" JIC | £1.73 | € 2.33 |
| BUR00731 | Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 9/16" JIC | £1.46 | € 1.97 |
| BUR00732 | Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 3/4" JIC | £1.73 | € 2.33 |
| BUR00733 | Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 7/8" JIC | £2.10 | € 2.83 |
| BUR00734 | Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 1-1/16" JIC | £3.68 | € 4.97 |
| BUR00735 | Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 7/16" JIC | £2.74 | € 3.70 |
| BUR00736 | Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 1/2" JIC | £2.74 | € 3.70 |
| BUR00737 | Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 9/16" JIC | £2.10 | € 2.83 |
| BUR00738 | Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 3/4" JIC | £2.04 | € 2.75 |
| BUR00739 | Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 7/8" JIC | £2.04 | € 2.75 |
| BUR00740 | Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 1-1/16" JIC | £3.33 | € 4.49 |
| BUR00741 | Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 1-5/16" JIC | £4.88 | € 6.59 |
| BUR00745 | Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 7/16" JIC | £4.41 | € 5.95 |
| BUR00746 | Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 9/16" JIC | £4.05 | € 5.46 |
| BUR00747 | Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 3/4" JIC | £3.68 | € 4.97 |
| BUR00748 | Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 7/8" JIC | £3.68 | € 4.97 |
| BUR00749 | Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 1-1/16" JIC | £3.09 | € 4.17 |
| BUR00750 | Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 1-5/16" JIC | £4.62 | € 6.24 |
| BUR00771 | Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 1-5/8" JIC | £12.46 | € 16.83 |
| BUR00767 | Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 3/4" JIC | £5.61 | € 7.57 |
| BUR00768 | Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 7/8" JIC | £5.61 | € 7.57 |
| BUR00751 | Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 1-1/16" JIC | £4.91 | € 6.63 |
| BUR00752 | Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 1-5/16" JIC | £4.62 | € 6.24 |
| BUR00753 | Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 1-5/8" JIC | £12.46 | € 16.83 |
| BUR00754 | Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 1-7/8" JIC | £20.65 | € 27.87 |
| BUR00756 | Hydraulic adaptor NPTF male x JIC male, 1-1/4" NPTF x 1-1/16" JIC | £12.42 | € 16.77 |
| BUR00757 | Hydraulic adaptor NPTF male x JIC male, 1-1/4" NPTF x 1-5/16" JIC | £12.42 | € 16.77 |
| BUR00758 | Hydraulic adaptor NPTF male x JIC male, 1-1/4" NPTF x 1-5/8" JIC | £10.88 | € 14.68 |
| BUR00759 | Hydraulic adaptor NPTF male x JIC male, 1-1/4" NPTF x 1-7/8" JIC | £20.65 | € 27.87 |
| BUR00760 | Hydraulic adaptor NPTF male x JIC male, 1-1/4" NPTF x 2-1/2" JIC | £36.04 | € 48.65 |
| BUR00761 | Hydraulic adaptor NPTF male x JIC male, 1-1/2" NPTF x 1-1/16" JIC | £20.65 | € 27.87 |
| BUR00762 | Hydraulic adaptor NPTF male x JIC male, 1-1/2" NPTF x 1-5/16" JIC | £20.65 | € 27.87 |
| BUR00763 | Hydraulic adaptor NPTF male x JIC male, 1-1/2" NPTF x 1-5/8" JIC | £14.76 | € 19.93 |
| BUR00764 | Hydraulic adaptor NPTF male x JIC male, 1-1/2" NPTF x 1-7/8" JIC | £14.76 | € 19.93 |
| BUR00765 | Hydraulic adaptor NPTF male x JIC male, 1-1/2" NPTF x 2-1/2" JIC | £36.04 | € 48.65 |
| BUR00770 | Hydraulic adaptor NPTF male x JIC male, 2" NPTF x 1-5/8" JIC | £32.46 | € 43.83 |
| BUR00769 | Hydraulic adaptor NPTF male x JIC male, 2" NPTF x 1-7/8" JIC | £28.72 | € 38.77 |
| BUR00766 | Hydraulic adaptor NPTF male x JIC male, 2" NPTF x 2-1/2" JIC | £28.72 | € 38.77 |

# METRIC MALE 1.5MM PITCH X BSP MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00500 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 10mm x 1/4 BSP | £2.00 | € 2.70 |
| BUR00501 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 12mm x 1/8 BSP | £2.00 | € 2.70 |
| BUR00502 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 12mm x 1/4 BSP | £2.00 | € 2.70 |
| BUR00503 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 12mm x 3/8 BSP | £2.10 | € 2.83 |
| BUR00504 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 12mm x 1/2 BSP | £2.39 | € 3.22 |
| BUR00505 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 14mm x 1/8 BSP | £2.00 | € 2.70 |
| BUR00506 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 14mm x 1/4 BSP | £2.00 | € 2.70 |
| BUR00507 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 14mm x 3/8 BSP | £2.10 | € 2.83 |
| BUR00508 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 14mm x 1/2 BSP | £2.39 | € 3.22 |
| BUR00549 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 14mm x 5/8 BSP | £2.64 | € 3.55 |
| BUR00509 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 16mm x 1/4 BSP | £2.04 | € 2.75 |
| BUR00510 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 16mm x 3/8 BSP | £2.04 | € 2.75 |
| BUR00511 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 16mm x 1/2 BSP | £2.32 | € 3.13 |
| BUR00512 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 16mm x 5/8 BSP | £2.78 | € 3.75 |
| BUR00513 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 16mm x 3/4 BSP | £2.86 | € 3.87 |
| BUR00514 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 1/4 BSP | £2.32 | € 3.13 |
| BUR00515 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 3/8 BSP | £2.32 | € 3.13 |
| BUR00516 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 1/2 BSP | £2.39 | € 3.22 |
| BUR00517 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 5/8 BSP | £2.64 | € 3.55 |
| BUR00518 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 3/4 BSP | £2.86 | € 3.87 |
| BUR00519 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 1 BSP | £5.79 | € 7.82 |
| BUR00520 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 20mm x 1/4 BSP | £2.59 | € 3.50 |
| BUR00521 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 20mm x 3/8 BSP | £2.59 | € 3.50 |
| BUR00522 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 20mm x 1/2 BSP | £2.59 | € 3.50 |
| BUR00523 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 20mm x 3/4 BSP | £2.86 | € 3.87 |
| BUR00524 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 1/4 BSP | £2.64 | € 3.55 |
| BUR00525 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 3/8 BSP | £2.64 | € 3.55 |
| BUR00526 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 1/2 BSP | £2.64 | € 3.55 |
| BUR00527 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 5/8 BSP | £2.64 | € 3.55 |
| BUR00528 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 3/4 BSP | £2.86 | € 3.87 |
| BUR00529 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 1 BSP | £5.79 | € 7.82 |
| BUR00551 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 24mm x 1/4 BSP | £3.37 | € 4.55 |
| BUR00550 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 24mm x 3/8 BSP | £3.37 | € 4.55 |
| BUR00530 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 24mm x 1/2 BSP | £2.86 | € 3.87 |
| BUR00531 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 24mm x 3/4 BSP | £3.37 | € 4.55 |
| BUR00554 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 3/8 BSP | £4.46 | € 6.03 |
| BUR00532 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 1/2 BSP | £2.86 | € 3.87 |
| BUR00544 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 5/8 BSP | £3.37 | € 4.55 |
| BUR00533 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 3/4 BSP | £2.86 | € 3.87 |
| BUR00534 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 1 BSP | £5.79 | € 7.82 |
| BUR00538 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 1-1/4 BSP | £19.32 | € 26.08 |
| BUR00545 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 28mm x 1 BSP | £17.18 | € 23.20 |
| BUR00535 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 30mm x 3/4 BSP | £5.79 | € 7.82 |
| BUR00536 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 30mm x 1 BSP | £5.79 | € 7.82 |
| BUR00537 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 30mm x 1-1/4 BSP | £12.10 | € 16.33 |
| BUR00547 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 36mm x 1 BSP | £9.64 | € 13.02 |

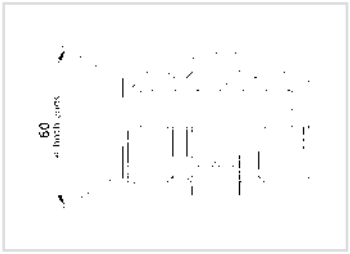
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00548 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 38mm x 1 BSP | £11.61 | € 15.67 |
| BUR00539 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 38mm x 1-1/4 BSP | £11.61 | € 15.67 |
| BUR00540 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 38mm x 1-1/2 BSP | £15.15 | € 20.46 |
| BUR00541 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 45mm x 1-1/2 BSP | £15.15 | € 20.46 |
| BUR00542 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 45mm x 2 BSP | £18.23 | € 24.61 |
| BUR00543 | Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 52mm x 2 BSP | £18.23 | € 24.61 |

# METRIC MALE 1MM PITCH X BSP MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01



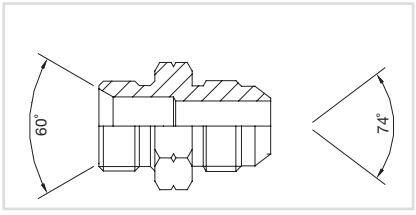


| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR10544 | Hydraulic adaptor METRIC male 1mm pitch x BSP male, 10 mm x 1/8" BSP | £2.00 | € 2.70 |
| BUR10545 | Hydraulic adaptor METRIC male 1mm pitch x BSP male, 10 mm x 1/4" BSP | £2.00 | € 2.70 |
| BUR10548 | Hydraulic adaptor METRIC male 1mm pitch x BSP male, 10 mm x 3/8" BSP | £2.28 | € 3.08 |
| BUR10543 | Hydraulic adaptor METRIC male 1mm pitch x BSP male, 12 mm x 1/8" BSP | £2.00 | € 2.70 |
| BUR10546 | Hydraulic adaptor METRIC male 1mm pitch x BSP male, 12 mm x 1/4" BSP | £2.00 | € 2.70 |
| BUR10541 | Hydraulic adaptor METRIC male 1mm pitch x BSP male, 14 mm x 1/4" BSP | £2.00 | € 2.70 |

# METRIC MALE 1.5MM PITCH X JIC MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01265 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 10mm x 7/16" ⅈ C | £12.38 | € 16.71 |
| BUR01274 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 12mm x 7/16" ⅈ C | £3.15 | € 4.26 |
| BUR01284 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 12mm x 9/16" ⅈ C | £3.15 | € 4.26 |
| BUR01286 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 12mm x 3/4" ⅈ C | £36.41 | € 49.15 |
| BUR01268 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 14mm x 3/8" ⅈ C | £8.69 | € 11.74 |
| BUR01291 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 14mm x 7/16" ⅈ C | £3.15 | € 4.26 |
| BUR01287 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 14mm x 9/16" ⅈ C | £3.15 | € 4.26 |
| BUR01288 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 14mm x 3/4" ⅈ C | £3.40 | € 4.59 |
| BUR01272 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 14mm x 7/8" ⅈ C | £11.82 | € 15.95 |
| BUR01295 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 16mm x 7/16" ⅈ C | £2.74 | € 3.70 |
| BUR01280 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 16mm x 9/16" ⅈ C | £2.74 | € 3.70 |
| BUR01275 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 16mm x 3/4" ⅈ C | £2.86 | € 3.87 |
| BUR01289 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 16mm x 7/8" ⅈ C | £3.40 | € 4.59 |
| BUR01296 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 16mm x 1-1/16" ⅈ C | £3.68 | € 4.97 |
| BUR01299 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 18mm x 7/16" ⅈ C | £3.59 | € 4.84 |
| BUR01276 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 18mm x 9/16" ⅈ C | £3.15 | € 4.26 |
| BUR01281 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 18mm x 3/4" ⅈ C | £3.15 | € 4.26 |
| BUR01283 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 18mm x 7/8" ⅈ C | £3.40 | € 4.59 |
| BUR01298 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 18mm x 1-1/16" ⅈ C | £3.68 | € 4.97 |
| BUR01282 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 20mm x 9/16" ⅈ C | £3.15 | € 4.26 |
| BUR01277 | Hydraulic adaptor METRIC male 1.5mm pitch male / ⅈ C male, 20mm x 3/4" ⅈ C | £3.15 | € 4.26 |

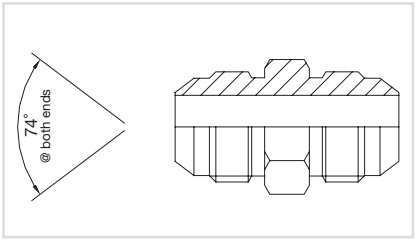
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01290 | Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 20mm x 7/8" JIC | £3.40 | € 4.59 |
| BUR01270 | Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 20mm x 1-1/16" JIC | £5.19 | € 7.01 |
| BUR01285 | Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 22mm x 9/16" JIC | £3.50 | € 4.72 |
| BUR01278 | Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 22mm x 3/4" JIC | £3.40 | € 4.59 |
| BUR01279 | Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 22mm x 7/8" JIC | £3.40 | € 4.59 |
| BUR01294 | Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 22mm x 1-1/16" JIC | £3.68 | € 4.97 |
| BUR01293 | Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 24mm x 3/4" JIC | £3.50 | € 4.72 |
| BUR01267 | Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 24mm x 1-1/16" JIC | £3.68 | € 4.97 |
| BUR01297 | Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 26mm x 7/8" JIC | £3.68 | € 4.97 |
| BUR01292 | Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 26mm x 1-1/16" JIC | £3.68 | € 4.97 |

# JIC MALE X JIC MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01200 | Hydraulic adaptor JIC male x JIC male, 5/16" JIC x 5/16" JIC | £1.36 | € 1.84 |
| BUR01201 | Hydraulic adaptor JIC male x JIC male, 5/16" JIC x 7/16" JIC | £1.36 | € 1.84 |
| BUR01239 | Hydraulic adaptor JIC male x JIC male, 3/8" JIC x 3/8" JIC | £1.68 | € 2.28 |
| BUR01241 | Hydraulic adaptor JIC male x JIC male, 3/8" JIC x 7/16" JIC | £1.68 | € 2.28 |
| BUR01202 | Hydraulic adaptor JIC male x JIC male, 7/16" JIC x 7/16" JIC | £1.36 | € 1.84 |
| BUR01205 | Hydraulic adaptor JIC male x JIC male, 7/16" JIC x 1/2" JIC | £2.00 | € 2.70 |
| BUR01203 | Hydraulic adaptor JIC male x JIC male, 7/16" JIC x 9/16" JIC | £2.00 | € 2.70 |
| BUR01213 | Hydraulic adaptor JIC male x JIC male, 7/16" JIC x 3/4" JIC | £2.74 | € 3.70 |
| BUR01204 | Hydraulic adaptor JIC male x JIC male, 7/16" JIC x 7/8" JIC | £2.93 | € 3.95 |
| BUR01206 | Hydraulic adaptor JIC male x JIC male, 1/2" JIC x 1/2" JIC | £1.52 | € 2.05 |
| BUR01209 | Hydraulic adaptor JIC male x JIC male, 1/2" JIC x 9/16" JIC | £2.00 | € 2.70 |
| BUR01207 | Hydraulic adaptor JIC male x JIC male, 1/2" JIC x 3/4" JIC | £2.74 | € 3.70 |
| BUR01233 | Hydraulic adaptor JIC male x JIC male, 1/2" JIC x 7/8" JIC | £3.59 | € 4.84 |
| BUR01208 | Hydraulic adaptor JIC male x JIC male, 1/2" JIC x 1-1/16" JIC | £4.62 | € 6.24 |
| BUR01210 | Hydraulic adaptor JIC male x JIC male, 9/16" JIC x 9/16" JIC | £1.52 | € 2.05 |
| BUR01214 | Hydraulic adaptor JIC male x JIC male, 9/16" JIC x 3/4" JIC | £2.32 | € 3.13 |
| BUR01211 | Hydraulic adaptor JIC male x JIC male, 9/16" JIC x 7/8" JIC | £2.69 | € 3.63 |
| BUR01212 | Hydraulic adaptor JIC male x JIC male, 9/16" JIC x 1-1/16" JIC | £3.80 | € 5.13 |
| BUR01237 | Hydraulic adaptor JIC male x JIC male, 9/16" JIC x 1-3/16" JIC | £4.59 | € 6.20 |
| BUR01215 | Hydraulic adaptor JIC male x JIC male, 3/4" JIC x 3/4" JIC | £2.04 | € 2.75 |
| BUR01216 | Hydraulic adaptor JIC male x JIC male, 3/4" JIC x 7/8" JIC | £2.42 | € 3.26 |
| BUR01217 | Hydraulic adaptor JIC male x JIC male, 3/4" JIC x 1-1/16" JIC | £3.15 | € 4.26 |
| BUR01236 | Hydraulic adaptor JIC male x JIC male, 3/4" JIC x 1-5/16" JIC | £4.96 | € 6.70 |
| BUR01218 | Hydraulic adaptor JIC male x JIC male, 7/8" JIC x 7/8" JIC | £2.24 | € 3.01 |
| BUR01219 | Hydraulic adaptor JIC male x JIC male, 7/8" JIC x 1-1/16" JIC | £3.33 | € 4.49 |
| BUR01220 | Hydraulic adaptor JIC male x JIC male, 7/8" JIC x 1-3/16" JIC | £4.62 | € 6.24 |
| BUR01221 | Hydraulic adaptor JIC male x JIC male, 7/8" JIC x 1-5/16" JIC | £4.53 | € 6.11 |
| BUR01222 | Hydraulic adaptor JIC male x JIC male, 1-1/16" JIC x 1-1/16" JIC | £3.15 | € 4.26 |
| BUR01223 | Hydraulic adaptor JIC male x JIC male, 1-1/16" JIC x 1-3/16" JIC | £4.62 | € 6.24 |
| BUR01224 | Hydraulic adaptor JIC male x JIC male, 1-1/16" JIC x 1-5/16" JIC | £4.53 | € 6.11 |
| BUR01240 | Hydraulic adaptor JIC male x JIC male, 1-1/16" JIC x 1-5/8" JIC | £11.33 | € 15.29 |
| BUR01238 | Hydraulic adaptor JIC male x JIC male, 1-1/16" JIC x 1-7/8" JIC | £12.92 | € 17.44 |
| BUR01225 | Hydraulic adaptor JIC male x JIC male, 1-3/16" JIC x 1-3/16" JIC | £4.62 | € 6.24 |
| BUR01226 | Hydraulic adaptor JIC male x JIC male, 1-3/16" JIC x 1-5/16" JIC | £4.96 | € 6.70 |
| BUR01227 | Hydraulic adaptor JIC male x JIC male, 1-5/16" JIC x 1-5/16" JIC | £4.46 | € 6.03 |
| BUR01228 | Hydraulic adaptor JIC male x JIC male, 1-5/16" JIC x 1-5/8" JIC | £11.29 | € 15.24 |

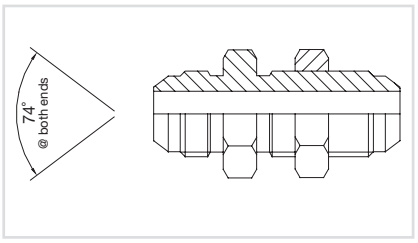
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01235 | Hydraulic adaptor JIC male x JIC male, 1-5/16" JIC x 1-7/8" JIC | £11.82 | € 15.95 |
| BUR01229 | Hydraulic adaptor JIC male x JIC male, 1-5/8" JIC x 1-5/8" JIC | £9.64 | € 13.02 |
| BUR01230 | Hydraulic adaptor JIC male x JIC male, 1-5/8" JIC x 1-7/8" JIC | £11.82 | € 15.95 |
| BUR01231 | Hydraulic adaptor JIC male x JIC male, 1-7/8" JIC x 1-7/8" JIC | £11.82 | € 15.95 |
| BUR01232 | Hydraulic adaptor JIC male x JIC male, 2-1/2" JIC x 2-1/2" JIC | £24.39 | € 32.92 |

# JIC MALE X JIC MALE BULKHEAD WITH LOCKNUT

www.flowfitonline.com
TECH. DATA SHEET
HA01



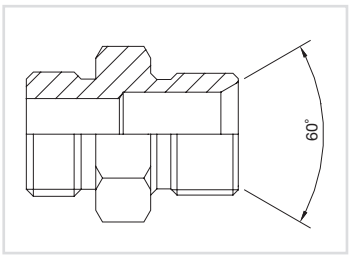



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00236 | Hydraulic extended bulkhead JIC adaptor with locknut, 3/8" JIC | £8.60 | € 11.61 |
| BUR00225 | Hydraulic extended bulkhead JIC adaptor with locknut, 7/16" JIC | £7.05 | € 9.53 |
| BUR00226 | Hydraulic extended bulkhead JIC adaptor with locknut, 1/2" JIC | £7.05 | € 9.53 |
| BUR00227 | Hydraulic extended bulkhead JIC adaptor with locknut, 9/16" JIC | £7.15 | € 9.66 |
| BUR00228 | Hydraulic extended bulkhead JIC adaptor with locknut, 3/4" JIC | £8.78 | € 11.86 |
| BUR00229 | Hydraulic extended bulkhead JIC adaptor with locknut, 7/8" JIC | £13.19 | € 17.80 |
| BUR00230 | Hydraulic extended bulkhead JIC adaptor with locknut, 1-1/16" JIC | £17.92 | € 24.19 |
| BUR00234 | Hydraulic extended bulkhead JIC adaptor with locknut, 1-3/16" JIC | £20.17 | € 27.24 |
| BUR00231 | Hydraulic extended bulkhead JIC adaptor with locknut, 1-5/16" JIC | £23.43 | € 31.62 |
| BUR00232 | Hydraulic extended bulkhead JIC adaptor with locknut, 1-5/8" JIC | £34.05 | € 45.98 |
| BUR00233 | Hydraulic extended bulkhead JIC adaptor with locknut, 1-7/8" JIC | £58.58 | € 79.08 |

# SAE 'O' RING BOSS MALE LESS 'O' RING X BSP MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01326 | Hydraulic SAE O ring boss male less o ring x BSP male, 1/4" SORB x 1/4" BSP | £2.10 | € 2.83 |
| BUR01329 | Hydraulic SAE O ring boss male less o ring x BSP male, 1/4" SORB x 1/8" BSP | £2.10 | € 2.83 |
| BUR01300 | Hydraulic SAE O ring boss male less o ring x BSP male, 3/8" SORB x 1/4" BSP | £2.10 | € 2.83 |
| BUR01323 | Hydraulic SAE O ring boss male less o ring x BSP male, 3/8" SORB x 3/8" BSP | £2.59 | € 3.50 |
| BUR01309 | Hydraulic SAE O ring boss male less o ring x BSP male, 7/16" SORB x 1/8" BSP | £1.78 | € 2.41 |
| BUR01301 | Hydraulic SAE O ring boss male less o ring x BSP male, 7/16" SORB x 1/4" BSP | £1.39 | € 1.88 |
| BUR01303 | Hydraulic SAE O ring boss male less o ring x BSP male, 7/16" SORB x 3/8" BSP | £1.64 | € 2.21 |
| BUR01302 | Hydraulic SAE O ring boss male less o ring x BSP male, 7/16" SORB x 1/2" BSP | £2.10 | € 2.83 |
| BUR01304 | Hydraulic SAE O ring boss male less o ring x BSP male, 1/2" SORB x 1/4" BSP | £1.59 | € 2.14 |
| BUR01305 | Hydraulic SAE O ring boss male less o ring x BSP male, 1/2" SORB x 3/8" BSP | £1.68 | € 2.28 |
| BUR01341 | Hydraulic SAE O ring boss male less o ring x BSP male, 1/2" SORB x 1/2" BSP | £2.18 | € 2.95 |

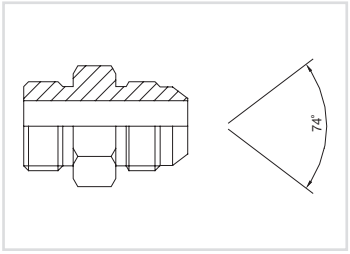
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01306 | Hydraulic SAE O ring boss male less o ring x BSP male, 9/16" SORB x 1/4" BSP | £1.60 | € 2.16 |
| BUR01307 | Hydraulic SAE O ring boss male less o ring x BSP male, 9/16" SORB x 3/8" BSP | £1.68 | € 2.28 |
| BUR01308 | Hydraulic SAE O ring boss male less o ring x BSP male, 9/16" SORB x 1/2" BSP | £2.10 | € 2.83 |
| BUR01310 | Hydraulic SAE O ring boss male less o ring x BSP male, 3/4" SORB x 1/4" BSP | £2.10 | € 2.83 |
| BUR01311 | Hydraulic SAE O ring boss male less o ring x BSP male, 3/4" SORB x 3/8" BSP | £2.10 | € 2.83 |
| BUR01312 | Hydraulic SAE O ring boss male less o ring x BSP male, 3/4" SORB x 1/2" BSP | £2.10 | € 2.83 |
| BUR01313 | Hydraulic SAE O ring boss male less o ring x BSP male, 3/4" SORB x 5/8" BSP | £2.42 | € 3.26 |
| BUR01314 | Hydraulic SAE O ring boss male less o ring x BSP male, 3/4" SORB x 3/4" BSP | £3.15 | € 4.26 |
| BUR01315 | Hydraulic SAE O ring boss male less o ring x BSP male, 5/8" SORB x 1/4" BSP | £2.42 | € 3.26 |
| BUR01316 | Hydraulic SAE O ring boss male less o ring x BSP male, 5/8" SORB x 3/8" BSP | £2.42 | € 3.26 |
| BUR01344 | Hydraulic SAE O ring boss male less o ring x BSP male, 5/8" SORB x 1/2" BSP | £2.42 | € 3.26 |
| BUR01346 | Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 1/4" BSP | £2.42 | € 3.26 |
| BUR01317 | Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 3/8" BSP | £2.42 | € 3.26 |
| BUR01318 | Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 1/2" BSP | £2.42 | € 3.26 |
| BUR01319 | Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 5/8" BSP | £2.42 | € 3.26 |
| BUR01320 | Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 3/4" BSP | £3.15 | € 4.26 |
| BUR01335 | Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 1" BSP | £5.07 | € 6.84 |
| BUR01321 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 3/8" BSP | £3.59 | € 4.84 |
| BUR01322 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 1/2" BSP | £3.33 | € 4.49 |
| BUR01337 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 5/8" BSP | £3.87 | € 5.22 |
| BUR01324 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 3/4" BSP | £3.19 | € 4.30 |
| BUR01325 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 1" BSP | £4.88 | € 6.59 |
| BUR01348 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 1-1/4" BSP | £11.55 | € 15.58 |
| BUR01345 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-3/16" SORB x 3/4" BSP | £14.60 | € 19.71 |
| BUR01343 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/16" SORB x 1/2" BSP | £5.38 | € 7.26 |
| BUR01327 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/16" SORB x 3/4" BSP | £4.88 | € 6.59 |
| BUR01328 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/16" SORB x 1" BSP | £4.88 | € 6.59 |
| BUR01338 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/16" SORB x 1-1/4" BSP | £11.55 | € 15.58 |
| BUR01330 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/16" SORB x 1-1/2" BSP | £14.60 | € 19.71 |
| BUR01331 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/8" SORB x 3/4" BSP | £14.60 | € 19.71 |
| BUR01332 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/8" SORB x 1" BSP | £11.55 | € 15.58 |
| BUR01333 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/8" SORB x 1-1/4" BSP | £11.55 | € 15.58 |
| BUR01339 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/8" SORB x 1-1/2" BSP | £17.11 | € 23.09 |
| BUR01342 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-7/8" SORB x 1-1/4" BSP | £17.15 | € 23.16 |
| BUR01340 | Hydraulic SAE O ring boss male less o ring x BSP male, 1-7/8" SORB x 1-1/2" BSP | £17.15 | € 23.16 |

# SAE 'O' RING BOSS MALE LESS 'O' RING X JIC MALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01350 | Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/16" SORB x 7/16" JIC | £1.52 | € 2.05 |
| BUR01353 | Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/16" SORB x 1/2" JIC | £1.68 | € 2.28 |
| BUR01351 | Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/16" SORB x 9/16" JIC | £1.68 | € 2.28 |
| BUR01398 | Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/16" SORB x 7/8" JIC | £2.69 | € 3.63 |
| BUR01392 | Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1/2" SORB x 7/16" JIC | £1.68 | € 2.28 |
| BUR01352 | Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1/2" SORB x 1/2" JIC | £1.68 | € 2.28 |
| BUR01388 | Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1/2" SORB x 9/16" JIC | £1.68 | € 2.28 |
| BUR01354 | Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 9/16" SORB x 7/16" JIC | £1.68 | € 2.28 |
| BUR01355 | Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 9/16" SORB x 1/2" JIC | £2.78 | € 3.75 |

Continued on next page

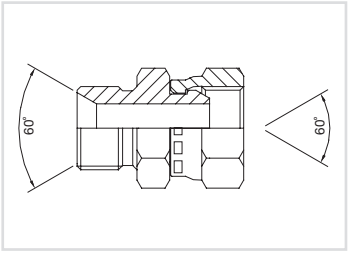
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01356 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 9/16" SORB x 9/16" ⅀ C | £1.68 | € 2.28 |
| BUR01357 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 9/16" SORBx 3/4" ⅀ C | £2.10 | € 2.83 |
| BUR01358 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 9/16" SORB x 7/8" ⅀ C | £2.32 | € 3.13 |
| BUR01389 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 3/4" SORB x 7/16" ⅀ C | £2.42 | € 3.26 |
| BUR01361 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 3/4" SORB x 9/16" ⅀ C | £2.42 | € 3.26 |
| BUR01362 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 3/4" SORB x 3/4" ⅀ C | £1.97 | € 2.66 |
| BUR01363 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 3/4" SORB x 7/8" ⅀ C | £2.24 | € 3.01 |
| BUR01364 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 3/4" SORB x 1-1/16" ⅀ C | £3.59 | € 4.84 |
| BUR01386 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 7/8" SORB x 9/16" ⅀ C | £2.59 | € 3.50 |
| BUR01365 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptorr, 7/8" SORB x 3/4" ⅀ C | £2.39 | € 3.22 |
| BUR01366 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 7/8" SORB x 7/8" ⅀ C | £2.28 | € 3.08 |
| BUR01367 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 7/8" SORB x 1-1/16" ⅀ C | £3.80 | € 5.13 |
| BUR01395 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-1/16" SORB x 9/16" ⅀ C | £4.14 | € 5.58 |
| BUR01368 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-1/16" SORB x 3/4" ⅀ C | £3.59 | € 4.84 |
| BUR01370 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-1/16" SORB x 7/8" ⅀ C | £3.59 | € 4.84 |
| BUR01371 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-1/16" SORB x 1-1/16" ⅀ C | £3.33 | € 4.49 |
| BUR01373 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-1/16" SORB x 1-5/16" ⅀ C | £5.26 | € 7.10 |
| BUR01374 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-3/16" SORB x 1-1/16" ⅀ C | £5.26 | € 7.10 |
| BUR01391 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-3/16" SORB x 1-3/16" ⅀ C | £5.07 | € 6.84 |
| BUR01394 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-5/16" SORB x 3/4" ⅀ C | £9.74 | € 13.15 |
| BUR01396 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-5/16" SORB x 7/8" ⅀ C | £9.74 | € 13.15 |
| BUR01377 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-5/16" SORB x 1-1/16" ⅀ C | £5.26 | € 7.10 |
| BUR01378 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-5/16" SORB x 1-5/16" ⅀ C | £5.26 | € 7.10 |
| BUR01379 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-5/16" SORB x 1-5/8" ⅀ C | £9.78 | € 13.21 |
| BUR01380 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-5/8" SORB x 1-5/16" ⅀ C | £9.78 | € 13.21 |
| BUR01381 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-5/8" SORB x 1-5/8" ⅀ C | £9.78 | € 13.21 |
| BUR01387 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-5/8" SORB x 1-7/8" ⅀ C | £15.92 | € 21.49 |
| BUR01397 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-7/8" SORB x 1-5/16" ⅀ C | £15.92 | € 21.49 |
| BUR01383 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-7/8" SORB x 1-5/8" ⅀ C | £15.92 | € 21.49 |
| BUR01384 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-7/8" SORB x 1-7/8" ⅀ C | £14.60 | € 19.71 |
| BUR01369 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 1-7/8" SORB x 2-1/2" ⅀ C | £32.25 | € 43.53 |
| BUR01385 | Hydraulic SAE O'ring boss male less o ring x ⅀ C male adaptor, 2-1/2" SORB x 2-1/2" ⅀ C | £32.25 | € 43.53 |

# MALE X SWIVEL FEMALE ADAPTORS

## BSP MALE X BSP SWIVEL FEMALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01425 | Hydraulic adaptor BSP male x BSP swivel female, 1/8" BSP x 1/8" BSP | £2.24 | € 3.01 |
| BUR01426 | Hydraulic adaptor BSP male x BSP swivel female, 1/8" BSP x 1/4" BSP | £2.24 | € 3.01 |
| BUR01476 | Hydraulic adaptor BSP male x BSP swivel female, 1/8" BSP x 3/8" BSP | £2.24 | € 3.01 |
| BUR01428 | Hydraulic adaptor BSP male x BSP swivel female, 1/4" BSP x 1/8" BSP | £2.24 | € 3.01 |
| BUR01427 | Hydraulic adaptor BSP male x BSP swivel female, 1/4" BSP x 1/4" BSP | £1.73 | € 2.33 |
| BUR01429 | Hydraulic adaptor BSP male x BSP swivel female, 1/4" BSP x 3/8" BSP | £2.04 | € 2.75 |
| BUR01430 | Hydraulic adaptor BSP male x BSP swivel female, 1/4" BSP x 1/2" BSP | £2.81 | € 3.79 |
| BUR01431 | Hydraulic adaptor BSP male x BSP swivel female, 1/4" BSP x 3/4" BSP | £5.61 | € 7.57 |
| BUR01432 | Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 1/8" BSP | £2.32 | € 3.13 |
| BUR01433 | Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 1/4" BSP | £1.73 | € 2.33 |
| BUR01434 | Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 3/8" BSP | £2.00 | € 2.70 |
| BUR01435 | Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 1/2" BSP | £2.74 | € 3.70 |

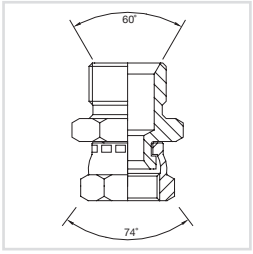
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01470 | Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 5/8" BSP | £5.14 | € 6.94 |
| BUR01436 | Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 3/4" BSP | £5.19 | € 7.01 |
| BUR01437 | Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 1" BSP | £6.25 | € 8.45 |
| BUR01438 | Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 1/4" BSP | £2.81 | € 3.79 |
| BUR01439 | Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 3/8" BSP | £2.74 | € 3.70 |
| BUR01440 | Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 1/2" BSP | £2.74 | € 3.70 |
| BUR01441 | Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 5/8" BSP | £3.33 | € 4.49 |
| BUR01442 | Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 3/4" BSP | £4.05 | € 5.46 |
| BUR01443 | Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 1" BSP | £6.07 | € 8.20 |
| BUR01457 | Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 1/4" BSP | £5.14 | € 6.94 |
| BUR01444 | Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 3/8" BSP | £5.14 | € 6.94 |
| BUR01445 | Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 1/2" BSP | £3.33 | € 4.49 |
| BUR01446 | Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 5/8" BSP | £3.15 | € 4.26 |
| BUR01447 | Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 3/4" BSP | £5.19 | € 7.01 |
| BUR01481 | Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 1" BSP | £7.15 | € 9.66 |
| BUR01468 | Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 1/4" BSP | £5.19 | € 7.01 |
| BUR01448 | Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 3/8" BSP | £5.19 | € 7.01 |
| BUR01449 | Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 1/2" BSP | £4.05 | € 5.46 |
| BUR01450 | Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 5/8" BSP | £5.19 | € 7.01 |
| BUR01451 | Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 3/4" BSP | £4.05 | € 5.46 |
| BUR01453 | Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 1" BSP | £6.25 | € 8.45 |
| BUR01452 | Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 1-1/4" BSP | £13.51 | € 18.24 |
| BUR01454 | Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 1/2" BSP | £6.25 | € 8.45 |
| BUR01455 | Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 5/8" BSP | £6.25 | € 8.45 |
| BUR01456 | Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 3/4" BSP | £6.25 | € 8.45 |
| BUR01458 | Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 1" BSP | £6.25 | € 8.45 |
| BUR01463 | Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 1-1/4" BSP | £12.46 | € 16.83 |
| BUR01472 | Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 1-1/2" BSP | £19.50 | € 26.33 |
| BUR01479 | Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 2" BSP | £33.26 | € 44.91 |
| BUR01459 | Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 1/2" BSP | £13.34 | € 18.00 |
| BUR01469 | Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 3/4" BSP | £12.46 | € 16.83 |
| BUR01460 | Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 1" BSP | £12.46 | € 16.83 |
| BUR01461 | Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 1-1/4" BSP | £12.46 | € 16.83 |
| BUR01462 | Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 1-1/2" BSP | £18.82 | € 25.41 |
| BUR01477 | Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 2" BSP | £33.26 | € 44.91 |
| BUR01464 | Hydraulic adaptor BSP male x BSP swivel female, 1-1/2" BSP x 1" BSP | £18.82 | € 25.41 |
| BUR01465 | Hydraulic adaptor BSP male x BSP swivel female, 1-1/2" BSP x 1-1/4" BSP | £18.82 | € 25.41 |
| BUR01466 | Hydraulic adaptor BSP male x BSP swivel female, 1-1/2" BSP x 1-1/2" BSP | £19.50 | € 26.33 |
| BUR01471 | Hydraulic adaptor BSP male x BSP swivel female, 1-1/2" BSP x 2" BSP | £33.26 | € 44.91 |
| BUR01475 | Hydraulic adaptor BSP male x BSP swivel female, 2" BSP x 1-1/4" BSP | £33.26 | € 44.91 |
| BUR01474 | Hydraulic adaptor BSP male x BSP swivel female, 2" BSP x 1-1/2" BSP | £33.26 | € 44.91 |
| BUR01467 | Hydraulic adaptor BSP male x BSP swivel female, 2" BSP x 2" BSP | £33.26 | € 44.91 |

# BSP MALE X JIC SWIVEL FEMALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR11501 | Hydraulic adaptor BSP male x JIC swivel female, 1/8" BSP x 7/16" JIC | £2.93 | € 3.95 |
| BUR11513 | Hydraulic adaptor BSP male x JIC swivel female, 1/4" BSP x 7/16" JIC | £2.93 | € 3.95 |
| BUR11514 | Hydraulic adaptor BSP male x JIC swivel female, 1/4" BSP x 1/2" JIC | £2.93 | € 3.95 |
| BUR11515 | Hydraulic adaptor BSP male x JIC swivel female, 1/4" BSP x 9/16" JIC | £2.93 | € 3.95 |

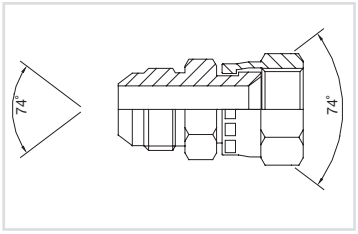
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR11516 | Hydraulic adaptor BSP male x JIC swivel female, 1/4" BSP x 3/4" JIC | £3.15 | € 4.26 |
| BUR11524 | Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 7/16" JIC | £3.15 | € 4.26 |
| BUR11525 | Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 1/2" JIC | £3.15 | € 4.26 |
| BUR11526 | Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 9/16" JIC | £3.15 | € 4.26 |
| BUR11527 | Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 3/4" JIC | £2.93 | € 3.95 |
| BUR11528 | Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 7/8" JIC | £3.59 | € 4.84 |
| BUR11529 | Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 1-1/16" JIC | £13.00 | € 17.55 |
| BUR11536 | Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 7/16" JIC | £3.59 | € 4.84 |
| BUR11537 | Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 1/2" JIC | £3.59 | € 4.84 |
| BUR11538 | Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 9/16" JIC | £2.93 | € 3.95 |
| BUR11539 | Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 3/4" JIC | £3.15 | € 4.26 |
| BUR11540 | Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 7/8" JIC | £3.50 | € 4.72 |
| BUR11541 | Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 1-1/16" JIC | £6.25 | € 8.45 |
| BUR11551 | Hydraulic adaptor BSP male x JIC swivel female, 5/8" BSP x 3/4" JIC | £4.14 | € 5.58 |
| BUR11552 | Hydraulic adaptor BSP male x JIC swivel female, 5/8" BSP x 7/8" JIC | £4.14 | € 5.58 |
| BUR11553 | Hydraulic adaptor BSP male x JIC swivel female, 5/8" BSP x 1-1/16" JIC | £8.69 | € 11.74 |
| BUR11562 | Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 9/16" JIC | £5.26 | € 7.10 |
| BUR11563 | Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 3/4" JIC | £5.26 | € 7.10 |
| BUR11564 | Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 7/8" JIC | £5.56 | € 7.51 |
| BUR11565 | Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 1-1/16" JIC | £6.25 | € 8.45 |
| BUR11566 | Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 1-3/16" JIC | £8.53 | € 11.52 |
| BUR11567 | Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 1-5/16" JIC | £11.19 | € 15.11 |
| BUR11577 | Hydraulic adaptor BSP male x JIC swivel female, 1" BSP x 1-1/16" JIC | £8.69 | € 11.74 |
| BUR11578 | Hydraulic adaptor BSP male x JIC swivel female, 1" BSP x 1-3/16" JIC | £9.29 | € 12.54 |
| BUR11579 | Hydraulic adaptor BSP male x JIC swivel female, 1" BSP x 1-5/16" JIC | £11.19 | € 15.11 |
| BUR11580 | Hydraulic adaptor BSP male x JIC swivel female, 1" BSP x 1-5/8" JIC | £17.95 | € 24.24 |
| BUR11591 | Hydraulic adaptor BSP male x JIC swivel female, 1-1/4" BSP x 1-5/16" JIC | £17.95 | € 24.24 |
| BUR11592 | Hydraulic adaptor BSP male x JIC swivel female, 1-1/4" BSP x 1-5/8" JIC | £17.95 | € 24.24 |
| BUR11593 | Hydraulic adaptor BSP male x JIC swivel female, 1-1/4" BSP x 1-7/8" JIC | £26.57 | € 35.87 |
| BUR11606 | Hydraulic adaptor BSP male x JIC swivel female, 1-1/2" BSP x 1-5/8" JIC | £26.57 | € 35.87 |
| BUR11605 | Hydraulic adaptor BSP male x JIC swivel female, 1-1/2" BSP x 1-7/8" JIC | £26.57 | € 35.87 |
| BUR11617 | Hydraulic adaptor BSP male x JIC swivel female, 2" BSP x 1-7/8" JIC | £33.26 | € 44.91 |
| BUR11618 | Hydraulic adaptor BSP male x JIC swivel female, 2" BSP x 2-1/2" JIC | £33.26 | € 44.91 |

# JIC MALE X JIC SWIVEL FEMALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01687 | Hydraulic adaptor JIC male x JIC swivel female, 7/16" JIC x 7/16" JIC | £3.47 | € 4.68 |
| BUR01675 | Hydraulic adaptor JIC male x JIC swivel female, 7/16" JIC x 9/16" JIC | £3.47 | € 4.68 |
| BUR01694 | Hydraulic adaptor JIC male x JIC swivel female, 7/16" JIC x 3/4" JIC | £4.05 | € 5.46 |
| BUR01671 | Hydraulic adaptor JIC male x JIC swivel female, 7/16" JIC x 7/8" JIC | £4.14 | € 5.58 |
| BUR01670 | Hydraulic adaptor JIC male x JIC swivel female, 1/2" JIC x 7/16" JIC | £12.43 | € 16.78 |
| BUR01676 | Hydraulic adaptor JIC male x JIC swivel female, 1/2" JIC x 1/2" JIC | £3.33 | € 4.49 |
| BUR01677 | Hydraulic adaptor JIC male x JIC swivel female, 1/2" JIC x 9/16" JIC | £3.47 | € 4.68 |
| BUR01684 | Hydraulic adaptor JIC male x JIC swivel female, 9/16" JIC x 7/16" JIC | £3.47 | € 4.68 |
| BUR01674 | Hydraulic adaptor JIC male x JIC swivel female, 9/16" JIC x 1/2" JIC | £3.47 | € 4.68 |
| BUR01678 | Hydraulic adaptor JIC male x JIC swivel female, 9/16" JIC x 9/16" JIC | £3.47 | € 4.68 |
| BUR01679 | Hydraulic adaptor JIC male x JIC swivel female, 9/16" JIC x 3/4" JIC | £3.54 | € 4.78 |
| BUR01695 | Hydraulic adaptor JIC male x JIC swivel female, 9/16" JIC x 7/8" JIC | £4.14 | € 5.58 |
| BUR01680 | Hydraulic adaptor JIC male x JIC swivel female, 3/4" JIC x 9/16" JIC | £3.54 | € 4.78 |
| BUR01685 | Hydraulic adaptor JIC male x JIC swivel female, 3/4" JIC x 3/4" JIC | £3.54 | € 4.78 |
| BUR01681 | Hydraulic adaptor JIC male x JIC swivel female, 3/4" JIC x 7/8" JIC | £4.14 | € 5.58 |

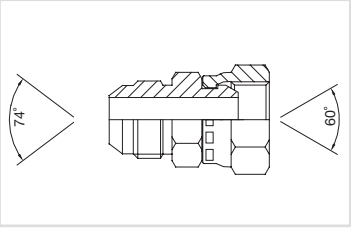
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01691 | Hydraulic adaptor JIC male x JIC swivel female, 3/4" JIC x 1-1/16" JIC | £6.19 | € 8.36 |
| BUR01682 | Hydraulic adaptor JIC male x JIC swivel female, 7/8" JIC x 3/4" JIC | £4.14 | € 5.58 |
| BUR01683 | Hydraulic adaptor JIC male x JIC swivel female, 7/8" JIC x 7/8" JIC | £4.14 | € 5.58 |
| BUR01690 | Hydraulic adaptor JIC male x JIC swivel female, 7/8" JIC x 1-1/16" JIC | £6.25 | € 8.45 |
| BUR01688 | Hydraulic adaptor JIC male x JIC swivel female, 1-1/16" JIC x 3/4" JIC | £5.50 | € 7.42 |
| BUR01686 | Hydraulic adaptor JIC male x JIC swivel female, 1-1/16" JIC x 7/8" JIC | £5.50 | € 7.42 |
| BUR01692 | Hydraulic adaptor JIC male x JIC swivel female, 1-1/16" JIC x 1-1/16" JIC | £5.96 | € 8.05 |
| BUR01696 | Hydraulic adaptor JIC male x JIC swivel female, 1-1/16" JIC x 1-5/16" JIC | £10.10 | € 13.63 |
| BUR01666 | Hydraulic adaptor JIC male x JIC swivel female, 1-1/16" JIC x 1-5/8" JIC | £20.83 | € 28.12 |
| BUR01699 | Hydraulic adaptor JIC male x JIC swivel female, 1-3/16" JIC x 1-3/16" JIC | £7.08 | € 9.57 |
| BUR01689 | Hydraulic adaptor JIC male x JIC swivel female, 1-5/16" JIC x 1-1/16" JIC | £10.10 | € 13.63 |
| BUR01693 | Hydraulic adaptor JIC male x JIC swivel female, 1-5/16" JIC x 1-5/16" JIC | £10.10 | € 13.63 |
| BUR01673 | Hydraulic adaptor JIC male x JIC swivel female, 1-5/16" JIC x 1-5/8" JIC | £20.83 | € 28.12 |
| BUR01669 | Hydraulic adaptor JIC male x JIC swivel female, 1-5/16" JIC x 1-7/8" JIC | £20.82 | € 28.11 |
| BUR01770 | Hydraulic adaptor JIC male x JIC swivel female, 1-5/8" JIC x 1-5/16" JIC | £20.83 | € 28.12 |
| BUR01697 | Hydraulic adaptor JIC male x JIC swivel female, 1-5/8" JIC x 1-5/8" JIC | £20.83 | € 28.12 |
| BUR01672 | Hydraulic adaptor JIC male x JIC swivel female, 1-5/8" JIC x 1-7/8" JIC | £20.83 | € 28.12 |
| BUR01698 | Hydraulic adaptor JIC male x JIC swivel female, 1-7/8" JIC x 1-7/8" JIC | £26.43 | € 35.67 |

# JIC MALE X BSP SWIVEL FEMALE

www.flowfitonline.com
TECH. DATA SHEET
HA01

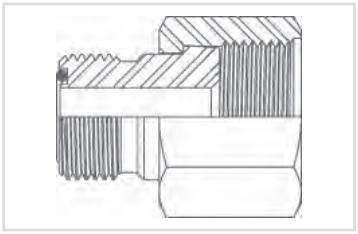





| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01600 | Hydraulic adaptor JIC male x BSP swivel female, 7/16" JIC x 1/8" BSP | £2.93 | € 3.95 |
| BUR01605 | Hydraulic adaptor JIC male x BSP swivel female,7/16" JIC x 1/4" BSP | £2.93 | € 3.95 |
| BUR01614 | Hydraulic adaptor JIC male x BSP swivel female, 7/16" JIC x 3/8" BSP | £3.59 | € 4.84 |
| BUR01613 | Hydraulic adaptor JIC male x BSP swivel female, 7/16" JIC x 1/2" BSP | £3.59 | € 4.84 |
| BUR01601 | Hydraulic adaptor JIC male x BSP swivel female, 1/2" JIC x 1/4" BSP | £2.93 | € 3.95 |
| BUR01618 | Hydraulic adaptor JIC male x BSP swivel female, 1/2" JIC x 3/8" BSP | £3.59 | € 4.84 |
| BUR01617 | Hydraulic adaptor JIC male x BSP swivel female, 1/2" JIC x 1/2" BSP | £3.59 | € 4.84 |
| BUR01602 | Hydraulic adaptor JIC male x BSP swivel female, 9/16" JIC x 1/4" BSP | £2.93 | € 3.95 |
| BUR01603 | Hydraulic adaptor JIC male x BSP swivel female, 9/16" JIC x 3/8" BSP | £3.15 | € 4.26 |
| BUR01604 | Hydraulic adaptor JIC male x BSP swivel female, 9/16" JIC x 1/2" BSP | £3.19 | € 4.30 |
| BUR01606 | Hydraulic adaptor JIC male x BSP swivel female, 3/4" JIC x 3/8" BSP | £3.15 | € 4.26 |
| BUR01607 | Hydraulic adaptor JIC male x BSP swivel female, 3/4" JIC x 1/2" BSP | £3.50 | € 4.72 |
| BUR01599 | Hydraulic adaptor JIC male x BSP swivel female, 3/4" JIC x 5/8" BSP | £4.28 | € 5.78 |
| BUR01620 | Hydraulic adaptor JIC male x BSP swivel female, 3/4" JIC x 3/4" BSP | £5.07 | € 6.84 |
| BUR01608 | Hydraulic adaptor JIC male x BSP swivel femalee, 7/8" JIC x 3/8" BSP | £1.79 | € 2.42 |
| BUR01609 | Hydraulic adaptor JIC male x BSP swivel female, 7/8" JIC x 1/2" BSP | £3.82 | € 5.16 |
| BUR01619 | Hydraulic adaptor JIC male x BSP swivel female, 7/8" JIC x 5/8" BSP | £5.50 | € 7.42 |
| BUR01615 | Hydraulic adaptor JIC male x BSP swivel female, 7/8" JIC x 3/4" BSP | £5.50 | € 7.42 |
| BUR01610 | Hydraulic adaptor JIC male x BSP swivel female, 1-1/16" JIC x 3/4" BSP | £5.50 | € 7.42 |
| BUR01616 | Hydraulic adaptor JIC male x BSP swivel female, 1-1/16" JIC x 1" BSP | £7.96 | € 10.75 |
| BUR01623 | Hydraulic adaptor JIC male x BSP swivel female, 1-3/16" JIC x 3/4" BSP | £7.96 | € 10.75 |
| BUR01624 | Hydraulic adaptor JIC male x BSP swivel female, 1-5/16" JIC x 3/4" BSP | £8.07 | € 10.89 |
| BUR01611 | Hydraulic adaptor JIC male x BSP swivel female, 1-5/16" JIC x 1" BSP | £8.07 | € 10.89 |
| BUR01612 | Hydraulic adaptor JIC male x BSP swivel female, 1-5/8" JIC x 1-1/4" BSP | £17.95 | € 24.24 |
| BUR01597 | Hydraulic adaptor JIC male x BSP swivel female, 1-5/8" JIC x 1-1/2" BSP | £19.73 | € 26.63 |
| BUR01598 | Hydraulic adaptor jic male / bsp swivel female, 1-7/8" JIC x 1-1/2" BSP | £26.57 | € 35.87 |

# ORFS MALE X ORFS SWIVEL FEMALE





www.flowfitonline.com
TECH. DATA SHEET
HA01

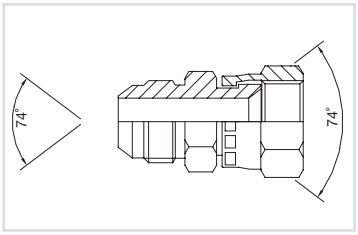
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR9015-04-06AS | Hydraulic adaptor ORFS male x ORFS swivel female, 9/16 ORFS X 11/16 ORFS | £7.11 | € 9.59 |
| BUR9015-04-12AS | Hydraulic adaptor ORFS male x ORFS swivel female, 9/16 ORFS X 1-3/16 ORFS | £12.83 | € 17.32 |
| BUR9015-06-08AS | Hydraulic adaptor ORFS male x ORFS swivel female, 11/16 ORFS X 13/16 ORFS | £7.99 | € 10.79 |
| BUR9015-06-12AS | Hydraulic adaptor ORFS male x ORFS swivel female, 11/16 ORFS X 1-3/16 ORFS | £15.58 | € 21.04 |
| BUR9015-08-10AS | Hydraulic adaptor ORFS male x ORFS swivel female, 13/16 ORFS X 1 ORFS | £15.28 | € 20.63 |
| BUR9015-10-12AS | Hydraulic adaptor ORFS male x ORFS swivel female, 1 ORFS X 1-3/16 ORFS | £17.41 | € 23.50 |
| BUR9015-12-16AS | Hydraulic adaptor ORFS male x ORFS swivel female, 1-3/16 ORFS X 1-7/16 ORFS | £14.14 | € 19.08 |
| BUR9015-16-20AS | Hydraulic adaptor ORFS male x ORFS swivel female, 1-7/16 ORFS X 1-11/16 | £20.27 | € 27.37 |

# SWIVEL FEMALE X SWIVEL FEMALE ADAPTORS

## BSP SWIVEL FEMALE X BSP SWIVEL FEMALE

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01725 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1/8" BSP x 1/8" BSP | £2.24 | € 3.01 |
| BUR01726 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1/8" BSP x 1/4" BSP | £2.32 | € 3.13 |
| BUR01751 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1/8" BSP x 3/8" BSP | £2.59 | € 3.50 |
| BUR01727 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1/4" BSP x 1/4" BSP | £1.90 | € 2.57 |
| BUR01728 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1/4" BSP x 3/8" BSP | £2.04 | € 2.75 |
| BUR01732 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1/4" BSP x 1/2" BSP | £2.86 | € 3.87 |
| BUR01736 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1/4" BSP x 5/8" BSP | £3.68 | € 4.97 |
| BUR01724 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1/4" BSP x 3/4" BSP | £4.88 | € 6.59 |
| BUR01729 | Hydraulic adaptor BSP swivel female x BSP swivel female, 3/8" BSP x 3/8" BSP | £2.04 | € 2.75 |
| BUR01733 | Hydraulic adaptor BSP swivel female x BSP swivel female, 3/8" BSP x 1/2" BSP | £2.78 | € 3.75 |
| BUR01737 | Hydraulic adaptor BSP swivel female x BSP swivel female, 3/8" BSP x 5/8" BSP | £3.47 | € 4.68 |
| BUR01730 | Hydraulic adaptor BSP swivel female x BSP swivel female, 3/8" BSP x 3/4" BSP | £4.88 | € 6.59 |
| BUR01731 | Hydraulic adaptor BSP swivel female x BSP swivel female, 3/8" BSP x 1" BSP | £6.83 | € 9.21 |
| BUR01734 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1/2" BSP x 1/2" BSP | £2.78 | € 3.75 |
| BUR01746 | Hydraulic BSP swivel female x BSP swivel female, 1/2" BSP x 5/8" BSP | £3.40 | € 4.59 |
| BUR01735 | Hydraulic BSP swivel female x BSP swivel female, 1/2" BSP x 3/4" BSP | £4.88 | € 6.59 |
| BUR01750 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1/2" BSP x 1" BSP | £7.08 | € 9.57 |
| BUR01738 | Hydraulic adaptor BSP swivel female x BSP swivel female, 5/8" BSP x 5/8" BSP | £3.47 | € 4.68 |
| BUR01740 | Hydraulic adaptor BSP swivel female x BSP swivel female, 5/8" BSP x 3/4" BSP | £4.88 | € 6.59 |
| BUR01739 | Hydraulic adaptor BSP swivel female x BSP swivel female, 5/8" BSP x 1" BSP | £6.32 | € 8.53 |
| BUR01741 | Hydraulic adaptor BSP swivel female x BSP swivel female, 3/4" BSP x 3/4" BSP | £4.41 | € 5.95 |
| BUR01742 | Hydraulic adaptor BSP swivel female x BSP swivel female, 3/4" BSP x 1" BSP | £6.32 | € 8.53 |
| BUR01747 | Hydraulic adaptor BSP swivel female x BSP swivel female, 3/4" BSP x 1-1/4" BSP | £12.86 | € 17.37 |
| BUR01743 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1" BSP x 1" BSP | £6.33 | € 8.54 |
| BUR01744 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1" BSP x 1-1/4" BSP | £12.86 | € 17.37 |
| BUR01752 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1" BSP x 1-1/2" BSP | £21.46 | € 28.97 |

Continued on next page

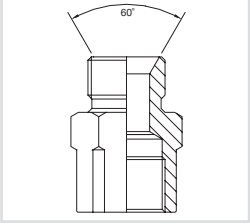
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01745 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1-1/4" BSP x 1-1/4" BSP | £12.86 | € 17.37 |
| BUR01753 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1-1/4" BSP x 1-1/2" BSP | £22.55 | € 30.45 |
| BUR01756 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1-1/4" BSP x 2" BSP | £42.54 | € 57.43 |
| BUR01748 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1-1/2" BSP x 1-1/2" BSP | £22.55 | € 30.45 |
| BUR01755 | Hydraulic adaptor BSP swivel female x BSP swivel female, 1-1/2" BSP x 2" BSP | £42.54 | € 57.43 |
| BUR01749 | Hydraulic adaptor BSP swivel female x BSP swivel female, 2" BSP x 2" BSP | £22.55 | € 30.45 |

# MALE X FIXED FEMALE & FIXED FEMALE/FEMALE ADAPTORS

## BSP MALE X BSP FIXED FEMALE EXTENDED

www.flowfitonline.com
TECH. DATA SHEET
HA01

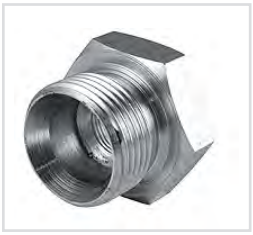


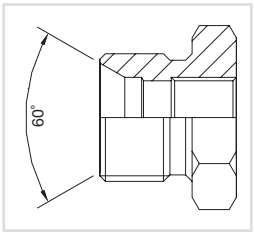



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR00922 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/8" BSP x 1/8" BSP | £2.45 | € 3.30 |
| BUR00924 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/8" BSP x 1/4" BSP | £2.42 | € 3.26 |
| BUR00931 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/8" BSP x 3/8" BSP | £4.83 | € 6.51 |
| BUR00928 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/8" BSP x 1/2" BSP | £5.82 | € 7.86 |
| BUR00905 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/4" BSP x 1/8" BSP | £2.42 | € 3.26 |
| BUR00900 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/4" BSP x 1/4" BSP | £2.04 | € 2.75 |
| BUR00901 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/4" BSP x 3/8" BSP | £2.24 | € 3.01 |
| BUR00904 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/4" BSP x 1/2" BSP | £2.78 | € 3.75 |
| BUR00932 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/4" BSP x 3/4" BSP | £9.17 | € 12.38 |
| BUR00902 | Hydraulic adaptor BSP male x BSP fixed female extended, 3/8" BSP x 1/4" BSP | £2.24 | € 3.01 |
| BUR00903 | Hydraulic adaptor BSP male x BSP fixed female extended, 3/8" BSP x 3/8" BSP | £2.24 | € 3.01 |
| BUR00913 | Hydraulic adaptor BSP male x BSP fixed female extended, 3/8" BSP x 1/2" BSP | £2.42 | € 3.26 |
| BUR00933 | Hydraulic adaptor BSP male x BSP fixed female extended, 3/8" BSP x 3/4" BSP | £9.17 | € 12.38 |
| BUR00906 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/2" BSP x 3/8" BSP | £2.58 | € 3.49 |
| BUR00907 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/2" BSP x 1/2" BSP | £2.58 | € 3.49 |
| BUR00918 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/2" BSP x 3/4" BSP | £5.23 | € 7.05 |
| BUR00929 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/2" BSP x 1" BSP | £8.82 | € 11.91 |
| BUR00934 | Hydraulic adaptor BSP male x BSP fixed female extended, 1/2" BSP x 1-1/4" BSP | £22.23 | € 30.00 |
| BUR00908 | Hydraulic adaptor BSP male x BSP fixed female extended, 5/8" BSP x 1/2" BSP | £2.78 | € 3.75 |
| BUR00939 | Hydraulic adaptor BSP male x BSP fixed female extended, 5/8" BSP x 3/4" BSP | £13.68 | € 18.47 |
| BUR00916 | Hydraulic adaptor BSP male x BSP fixed female extended, 3/4" BSP x 1/2" BSP | £3.59 | € 4.84 |
| BUR00925 | Hydraulic adaptor BSP male x BSP fixed female extended, 3/4" BSP x 5/8" BSP | £3.59 | € 4.84 |
| BUR00909 | Hydraulic adaptor BSP male x BSP fixed female extended, 3/4" BSP x 3/4" BSP | £3.59 | € 4.84 |
| BUR00919 | Hydraulic adaptor BSP male x BSP fixed female extended, 3/4" BSP x 1" BSP | £8.00 | € 10.80 |
| BUR00910 | Hydraulic adaptor BSP male x BSP fixed female extended, 3/4" BSPx 1-1/4" BSP | £22.15 | € 29.91 |
| BUR00911 | Hydraulic adaptor BSP male x BSP fixed female extended, 5.923/" BSP x 1-1/2" BSP | £23.89 | € 32.25 |
| BUR00920 | Hydraulic adaptor BSP male x BSP fixed female extended, 1" BSP x 3/4" BSP | £6.73 | € 9.08 |
| BUR00912 | Hydraulic adaptor BSP male x BSP fixed female extended, 1" BSP x 1" BSP | £6.73 | € 9.08 |
| BUR00923 | Hydraulic adaptor BSP male x BSP fixed female extended, 1" BSP x 1-1/4" BSP | £21.28 | € 28.73 |
| BUR00927 | Hydraulic adaptor BSP male x BSP fixed female extended, 1" BSP x 1-1/2" BSP | £22.55 | € 30.45 |
| BUR00936 | Hydraulic adaptor BSP male x BSP fixed female extended, 1" BSP x 2" BSP | £31.98 | € 43.17 |
| BUR00914 | Hydraulic adaptor BSP male x BSP fixed female extended, 1-1/4" BSP x 1-1/4" BSP | £12.46 | € 16.83 |
| BUR00930 | Hydraulic adaptor BSP male x BSP fixed female extended, 1-1/4" BSP x 1-1/2" BSP | £25.15 | € 33.96 |
| BUR00937 | Hydraulic adaptor BSP male x BSP fixed female extended, 1-1/4" BSP x 2" BSP | £31.98 | € 43.17 |
| BUR00921 | Hydraulic adaptor BSP male x BSP fixed female extended, 1-1/2" BSP x 1-1/4" BSP | £22.55 | € 30.45 |
| BUR00917 | Hydraulic adaptor BSP male x BSP fixed female extended, 1-1/2" BSP x 1-1/2" BSP | £22.55 | € 30.45 |
| BUR00915 | Hydraulic adaptor BSP male x BSP fixed female extended, 2" BSP x 2" BSP | £27.39 | € 36.98 |
| BUR00935 | Hydraulic adaptor BSP male x BSP fixed female extended, 2" BSP x 2-1/2" BSP | £157.06 | € 212.04 |
| BUR00926 | Hydraulic adaptor BSP male x BSP fixed female extended, 2-1/2" BSP x 2-1/2" BSP | £157.02 | € 211.98 |

# BSP MALE 60° CONE X BSP FIXED FEMALE BUSH

www.flowfitonline.com
TECH. DATA SHEET
HA01



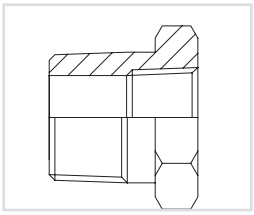



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR16167 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 3/8" BSP x 1/8" BSP | £2.78 | € 3.75 |
| BUR16166 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1/2" BSP x 1/8" BSP | £2.78 | € 3.75 |
| BUR16150 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1/2" BSP x 1/4" BSP | £2.24 | € 3.01 |
| BUR16151 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 5/8" BSP x 1/4" BSP | £2.93 | € 3.95 |
| BUR16152 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 3/4" BSP x 1/4" BSP | £3.05 | € 4.11 |
| BUR16153 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 3/4" BSP x 3/8" BSP | £3.05 | € 4.11 |
| BUR16156 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1" BSP x 1/4" BSP | £7.98 | € 10.78 |
| BUR16168 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1" BSP x 3/8" BSP | £5.04 | € 6.80 |
| BUR16157 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1" BSP x 1/2" BSP | £5.04 | € 6.80 |
| BUR16147 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/4" BSP x 1/2" BSP | £11.77 | € 15.90 |
| BUR16158 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/4" BSP x 3/4" BSP | £11.77 | € 15.90 |
| BUR16162 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/4" BSP x 1" BSP | £11.77 | € 15.90 |
| BUR16149 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/2" BSP x 1/2" BSP | £20.51 | € 27.69 |
| BUR16159 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/2" BSP x 3/4" BSP | £20.51 | € 27.69 |
| BUR16160 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/2" BSP x 1" BSP | £20.51 | € 27.69 |
| BUR16527 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 1/4" BSP | £25.89 | € 34.95 |
| BUR16528 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 3/8" BSP | £25.89 | € 34.95 |
| BUR16146 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 1/2" BSP | £25.89 | € 34.95 |
| BUR16161 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 1" BSP | £25.89 | € 34.95 |
| BUR16164 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 1-1/4" BSP | £25.89 | € 34.95 |
| BUR16163 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 1-1/2" BSP | £25.89 | € 34.95 |
| BUR16165 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2-1/2" BSP x 1-1/2" BSP | £66.04 | € 89.15 |
| BUR16154 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2-1/2" BSP x 2" BSP | £66.04 | € 89.15 |
| BUR16148 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 3" BSP x 1-1/2" BSP | £14.88 | € 20.09 |
| BUR16155 | Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 3" BSP x 2" BSP | £96.20 | € 129.86 |

# NPTF MALE X NPTF FIXED FEMALE BUSH

www.flowfitonline.com
TECH. DATA SHEET
HA01





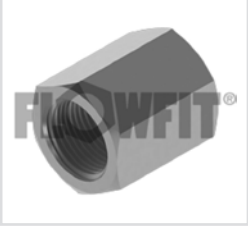
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01001 | Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 1/8" NPTF | £2.86 | € 3.87 |
| BUR01002 | Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 1/8" NPTF | £3.19 | € 4.30 |
| BUR01003 | Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 1/4" NPTF | £3.19 | € 4.30 |
| BUR01018 | Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1/8" NPTF | £4.91 | € 6.63 |
| BUR01004 | Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1/4" NPTF | £3.40 | € 4.59 |
| BUR01005 | Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 3/8" NPTF | £3.40 | € 4.59 |
| BUR01032 | Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1/8" NPTF | £4.33 | € 5.84 |
| BUR01006 | Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTFx 1/4" NPTF | £4.33 | € 5.84 |
| BUR01007 | Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 3/8" NPTF | £4.33 | € 5.84 |
| BUR01008 | Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1/2" NPTF | £5.82 | € 7.86 |
| BUR01022 | Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 1/4" NPTF | £5.82 | € 7.86 |
| BUR01011 | Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 3/8" NPTF | £5.82 | € 7.86 |

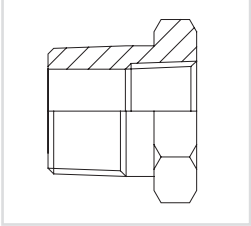
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01009 | Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 1/2" NPTF | £5.82 | € 7.86 |
| BUR01010 | Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 3/4" NPTF | £13.74 | € 18.54 |
| BUR01023 | Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 1/4" NPTF | £13.74 | € 18.54 |
| BUR01025 | Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 3/8" NPTF | £13.74 | € 18.54 |
| BUR01026 | Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 1/2" NPTF | £13.74 | € 18.54 |
| BUR01019 | Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 3/4" NPTF | £13.74 | € 18.54 |
| BUR01012 | Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 1" NPTF | £26.01 | € 35.11 |
| BUR01024 | Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 1/4" NPTF | £26.01 | € 35.11 |
| BUR01027 | Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 3/8" NPTF | £26.01 | € 35.11 |
| BUR01028 | Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 1/2" NPTF | £26.01 | € 35.11 |
| BUR01013 | Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 3/4" NPTF | £26.01 | € 35.11 |
| BUR01015 | Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 1" NPTF | £27.01 | € 36.46 |
| BUR01021 | Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 1-1/4" NPTF | £31.07 | € 41.95 |
| BUR01031 | Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 1/4" NPTF | £38.26 | € 51.66 |
| BUR01035 | Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 3/8" NPTF | £38.26 | € 51.66 |
| BUR01030 | Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 1/2" NPTF | £38.26 | € 51.66 |
| BUR01029 | Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 3/4" NPTF | £38.26 | € 51.66 |
| BUR01014 | Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 1" NPTF | £38.26 | € 51.66 |
| BUR01017 | Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 1-1/4" NPTF | £43.41 | € 58.60 |
| BUR01016 | Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 1-1/2" NPTF | £45.05 | € 60.81 |
| BUR01033 | Hydraulic adaptor NPTF male x NPTF male, 2-1/2" NPTF x 2" NPTF | £111.52 | € 150.55 |
| BUR01037 | Hydraulic adaptor NPTF male x NPTF male, 3" NPTF x 1-1/4" NPTF | £127.71 | € 172.41 |
| BUR01036 | Hydraulic adaptor NPTF male x NPTF male, 3" NPTF x 2" NPTF | £123.27 | € 166.42 |

# BSP FIXED FEMALE X BSP FIXED FEMALE

www.flowfitonline.com
TECH. DATA SHEET
HA01



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09000 | Hydraulic adaptor BSP fixed female x BSP fixed female, 1/8" BSP | £2.24 | € 3.01 |
| BUR09002 | Hydraulic adaptor BSP fixed female x BSP fixed female, 1/4" BSP | £1.68 | € 2.28 |
| BUR09004 | Hydraulic adaptor BSP fixed female x BSP fixed female, 3/8" BSP | £1.90 | € 2.57 |
| BUR09005 | Hydraulic adaptor BSP fixed female x BSP fixed female, 1/2" BSP | £2.00 | € 2.70 |
| BUR09009 | Hydraulic adaptor BSP fixed female x BSP fixed female, 5/8" BSP | £2.78 | € 3.75 |
| BUR09010 | Hydraulic adaptor BSP fixed female x BSP fixed female, 3/4" BSP | £4.05 | € 5.46 |
| BUR09011 | Hydraulic adaptor BSP fixed female x BSP fixed female, 1" BSP | £6.73 | € 9.08 |
| BUR09012 | Hydraulic adaptor BSP fixed female x BSP fixed female, 1-1/4" BSP | £12.92 | € 17.44 |
| BUR09013 | Hydraulic adaptor BSP fixed female x BSP fixed female, 1-1/2" BSP | £20.65 | € 27.87 |
| BUR09014 | Hydraulic adaptor BSP fixed female x BSP fixed female, 2" BSP | £33.84 | € 45.68 |
| BUR09019 | Hydraulic adaptor BSP fixed female x BSP fixed female, 2-1/2" BSP | £92.83 | € 125.31 |

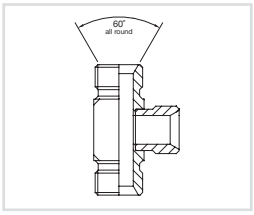


# TEES & CROSS ADAPTORS

## BSP MALE TEE CONE SEATING

www.flowfitonline.com
TECH. DATA SHEET
HA01



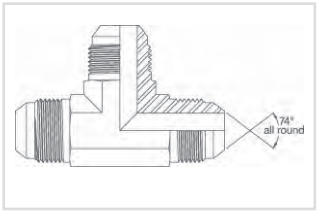



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01901 | Hydraulic adaptor BSP male tee cone seating, 1/4" BSP | £4.41 | € 5.95 |
| BUR01902 | Hydraulic adaptor BSP male tee cone seating, 3/8" BSP | £6.36 | € 8.59 |
| BUR01903 | Hydraulic adaptor BSP male tee cone seating, 1/2" BSP | £7.35 | € 9.93 |
| BUR01905 | Hydraulic adaptor BSP male tee cone seating, 3/4" BSP | £8.69 | € 11.74 |
| BUR01906 | Hydraulic adaptor BSP male tee cone seating, 1" BSP | £18.88 | € 25.49 |
| BUR01908 | Hydraulic adaptor BSP male tee cone seating, 1-1/2" BSP | £52.63 | € 71.05 |
| BUR01909 | Hydraulic adaptor BSP male tee cone seating, 2" BSP | £100.02 | € 135.02 |

## BSP MALE FORGED TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01



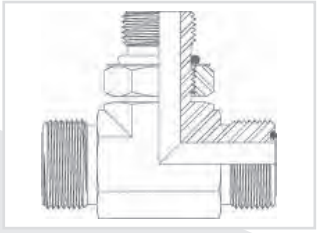



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01949FD | Hydraulic adaptor JJ C male forged tee, 3/8 JJ C | £8.39 | € 11.33 |
| BUR01950FD | Hydraulic adaptor JIC male forged tee, 7/16 JJ C | £12.79 | € 17.26 |
| BUR01951 | Hydraulic adaptor JJ C male forged tee, 1/2 JJ C | £12.92 | € 17.44 |
| BUR01952 | Hydraulic adaptor JIC male forged tee, 9/16 JJ C | £13.67 | € 18.46 |
| BUR01953FD | Hydraulic adaptor JJ C male forged tee, 3/4 JJ C | £17.07 | € 23.05 |
| BUR01954FD | Hydraulic adaptor JJ C male forged tee, 7/8 JJ C | £22.68 | € 30.62 |
| BUR01955FD | Hydraulic adaptor JJ C male forged tee, 1-1/16 JJ C | £27.96 | € 37.75 |

## ORFS MALE X ORFS MALE X UNF MALE POSITIONAL TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01



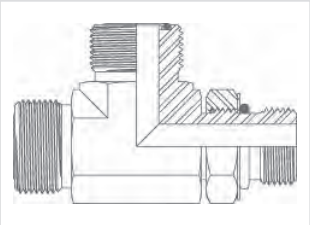


| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR9715-04-04-04 | Hydraulic ORFS male x ORFS male x UNF male positional tee, 9/16 ORFS X 9/16 ORFS X 7/16 UNF | £16.65 | € 22.49 |
| BUR9715-06-06-06 | Hydraulic ORFS male x ORFS male x UNF male positional tee, 11/16 ORFS X 11/16 ORFS X 9/16 UNF | £19.90 | € 26.87 |
| BUR9715-08-08-08 | Hydraulic ORFS male x ORFS male x UNF male positional tee, 13/16 ORFS X 13/16 ORFS X 3/4 UNF | £20.46 | € 27.62 |
| BUR9715-10-10-10 | Hydraulic ORFS male x ORFS male x UNF male positional tee, 1 ORFS X 1 ORFS X 7/8 UNF | £31.98 | € 43.17 |
| BUR9715-12-12-12 | Hydraulic ORFS male x ORFS male x UNF male positional tee, 1-3/16 ORFS X 1-3/16 ORFS X 1-1/16 UNF | £47.20 | € 63.72 |
| BUR9715-16-16-16 | Hydraulic ORFS male x ORFS male x UNF male positional tee, 1-7/16 ORFS X 1-7/16 ORFS X 1-5/16 UNF | £72.99 | € 98.53 |
| BUR9715-20-20-20 | Hydraulic ORFS male x ORFS male x UNF male positional tee, 1-11/16 ORFS X 1-11/16 ORFS X 1-5/8 UNF | £144.06 | € 194.49 |
| BUR9715-20-20-21 | Hydraulic ORFS male x ORFS male x UNF male positional tee, 2 ORFS X 2 ORFS X 1-7/8 UNF | £83.53 | € 112.76 |

# ORFS MALE X UNF MALE X ORFS MALE TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01



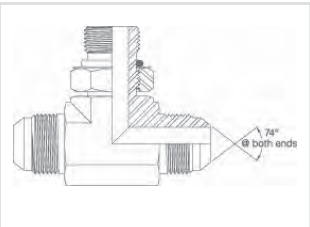


| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR9716-04-04-04 | Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 9/16 ORFS X 7/16 UNF X 9/16 ORFS | £16.35 | € 22.08 |
| BUR9716-06-06-06 | Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 11/16 ORFS X 9/16 UNF X 11/16 ORFS | £19.57 | € 26.42 |
| BUR9716-08-08-08 | Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 13/16 ORFS X 3/4 UNF 13/16 ORFS | £21.45 | € 28.95 |
| BUR9716-10-10-10 | Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 1 ORFS X 7/8 UNF X 1 ORFS | £31.97 | € 43.16 |
| BUR9716-12-12-12 | Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 1-3/16 ORFS X 1-1/16 UNF X 1-3/16 ORFS | £49.80 | € 67.23 |
| BUR9716-16-16-16 | Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 1-7/16 ORFS X 1-5/16 UNF X 1-7/16 ORFS | £72.66 | € 98.10 |
| BUR9716-20-20-20 | Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 1-11/16 ORFS X 1-5/8 UNF X 1-11/16 ORFS | £147.55 | € 199.20 |
| BUR9716-24-24-24 | Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 2 ORFS X 1-7/8 UNF X 2 ORFS | £83.53 | € 112.76 |

# JIC MALE X JIC MALE X UNF MALE POSITIONAL TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01





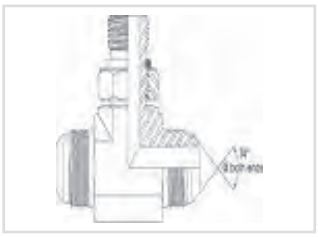

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR10715-04-04-04 | Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 7/16 JIC X 7/16 JIC X 7/16 UNF | £15.95 | € 21.54 |
| BUR10715-05-05-05 | Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 1/2 JIC X 1/2 JIC X 1/2 UNF | £17.24 | € 23.27 |
| BUR10715-06-06-06 | Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 9/16 JIC X 9/16 JIC X 9/16 UNF | £17.24 | € 23.27 |
| BUR10715-08-08-08 | Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 3/4 JIC X 3/4 JIC X 3/4 UNF | £19.90 | € 26.87 |
| BUR10715-10-10-10 | Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 7/8 JIC X 7/8 JIC X 7/8 UNF | £25.37 | € 34.25 |
| BUR10715-12-12-12 | Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 1-1/16 JIC X 1-1/16 JIC X 1-1/16 UNF | £46.80 | € 63.18 |
| BUR10715-14-14-14 | Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 1-3/16 JIC X 1-3/16 X 1-3/16 UNF | £52.55 | € 70.95 |
| BUR10715-16-16-16 | Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 1-5/16 JIC X 1-5/16 JIC X 1-5/16 UNF | £68.02 | € 91.82 |
| BUR10715-20-20-20 | Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 1-5/8 JIC X 1-5/8 JIC X 1-58 UNF | £141.22 | € 190.65 |
| BUR10715-24-24-24 | Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 1-7/8 JIC X 1-7/8 JIC X 1-7/8 UNF | £180.03 | € 243.03 |



# JIC MALE X UNF POSITIONAL MALE X JIC MALE TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01



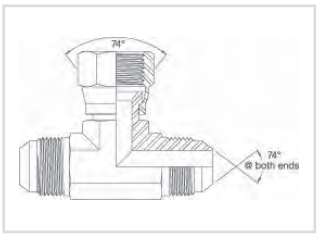



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR10716-04-04-04 | Hydraulic adaptor JIC male x UNF positional male x JIC male, 7/16 JIC X 7/16 UNF X 7/16 JIC | £15.95 | € 21.54 |
| BUR10716-05-05-05 | Hydraulic adaptor JIC male x UNF positional male x JIC male, 1/2 JIC X 1/2 UNF X 1/2 JIC | £17.24 | € 23.27 |
| BUR10716-06-06-06 | Hydraulic adaptor JIC male x UNF positional male x JIC male, 9/16 JIC X 9/16 UNF X 9/16 JIC | £17.24 | € 23.27 |
| BUR10716-08-08-08 | Hydraulic adaptor JIC male x UNF positional male x JIC male, 3/4 JIC X 3/4 UNF X 3/4 JIC | £19.90 | € 26.87 |
| BUR10716-12-12-12 | Hydraulic adaptor JIC male x UNF positional male x JIC male, 1-1/16 JIC X 1-1/16 UNF X 1-1/16 JIC | £46.75 | € 63.12 |
| BUR10716-14-14-14 | Hydraulic adaptor JIC male x UNF positional male x JIC male, 1-3/16 JIC X 1-3/16 UNF X 1-3/16 JIC | £52.55 | € 70.95 |
| BUR10716-16-16-16 | Hydraulic adaptor JIC male x UNF positional male x JIC male, 1-5/16 JIC X 1-5/16 UNF X 1-5/16 JIC | £68.02 | € 91.82 |
| BUR10716-20-20-20 | Hydraulic adaptor JIC male x UNF positional male x JIC male, 1-5/8 JIC X 1-5/8 UNF X 1-5/8 JIC | £141.90 | € 191.57 |
| BUR10716-24-24-24 | Hydraulic adaptor JIC male x UNF positional male x JIC male, 1-7/8 JIC X 1-7/8 UNF X 1-7/8 | £180.03 | € 243.03 |

# JIC MALE X JIC MALE X JIC SWIVEL FEMALE BRANCH FORGED TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01



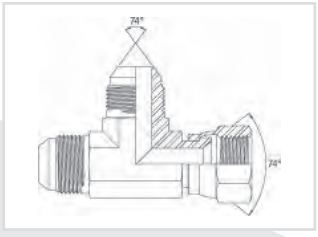




| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR02053FD | Hydraulic adaptor JIC male x JIC male x JIC swivel female branch froged tee, 7/16 JIC | £15.89 | € 21.45 |
| BUR02050FD | Hydraulic adaptor JIC male x JIC male x JIC swivel female branch froged tee, 9/16 JIC | £15.89 | € 21.45 |
| BUR02051FD | Hydraulic adaptor JIC male x JIC male x JIC swivel female branch froged tee, 3/4 JIC | £20.33 | € 27.44 |
| BUR02054FD | Hydraulic adaptor JIC male x JIC male x JIC swivel female branch froged tee, 1-1/16 JIC | £46.69 | € 63.03 |

# JIC MALE X JIC SWIVEL FEMALE X JIC MALE BRANCH FORGED TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01



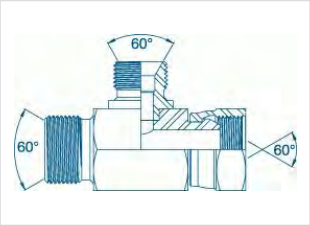




| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR12040FD | Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 7/16 JIC | £15.89 | € 21.45 |
| BUR12042FD | Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 9/16 JIC | £15.89 | € 21.45 |
| BUR12043FD | Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 3/4 JIC | £19.70 | € 26.59 |
| BUR12044FD | Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 7/8 JIC | £25.22 | € 34.04 |
| BUR12045FD | Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 1-1/16 JIC | £47.50 | € 64.12 |
| BUR12046FD | Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 1-5/16 JIC | £62.87 | € 84.87 |
| BUR12047FD | Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 1-5/8 JIC | £141.13 | € 190.53 |

# BSP MALE X BSP SWIVEL FEMALE X BSP MALE BRANCH TEE REDUCING ON BRANCH

www.flowfitonline.com
TECH. DATA SHEET
HA01

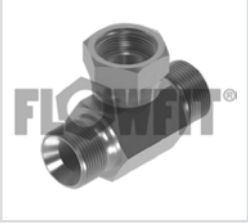


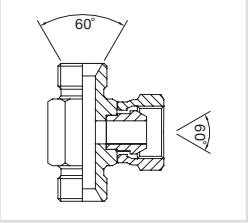



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR02035 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 3/8" BSP X 3/8" BSP X 1/4" BSP | £18.73 | € 25.28 |
| BUR02036 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 3/8" BSP X 1/2" BSP X 1/2" BSP | £22.74 | € 30.70 |
| BUR02032 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 1/2" BSP X 1/2" BSP X 1/4" BSP | £22.85 | € 30.86 |
| BUR02031 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 1/2" BSP X 1/2" BSP X 3/8" BSP | £22.85 | € 30.86 |
| BUR02022 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 3/4" BSP X 3/4" BSP X 1/4" BSP | £37.09 | € 50.07 |
| BUR02037 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 3/4" BSP X 3/4" BSP 1/2" BSP | £37.09 | € 50.07 |
| BUR02039 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 3/4" BSP X 3/4" BSP X 3/8" BSP | £37.09 | € 50.07 |
| BUR02023 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 1" BSP X 1" BSP 1/4" BSP | £45.21 | € 61.03 |
| BUR02023-16-16-06 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 1" BSP X 1" BSP 3/8" BSP | £18.39 | € 24.83 |
| BUR02038 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 1" BSP X 1" BSP X 1/2" BSP | £50.54 | € 68.23 |
| BUR02018 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 1" BSP X 1" BSP X 3/4" BSP | £45.20 | € 61.02 |
| BUR02034-20-20-08 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 1-1/4" BSP X 1-1/4" BSP X 1/2" BSP | £39.99 | € 53.99 |
| BUR02034-20-20-16 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 1-1/4" BSP X 1-1/4" BSP X 1" BSP | £39.99 | € 53.99 |

# BSP MALE X BSP MALE X BSP SWIVEL FEMALE BRANCH TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01



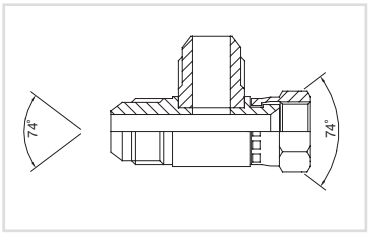



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR02000 | Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1/8" BSP | £6.42 | € 8.66 |
| BUR02001 | Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1/4" BSP | £6.70 | € 9.04 |
| BUR02002 | Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 3/8" BSP | £7.47 | € 10.09 |
| BUR02003 | Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1/2" BSP | £8.78 | € 11.86 |
| BUR02004 | Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 5/8" BSP | £12.06 | € 16.29 |
| BUR02005 | Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 3/4" BSP | £13.90 | € 18.76 |
| BUR02006 | Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1" BSP | £19.01 | € 25.66 |
| BUR02007 | Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1-1/4" BSP | £46.95 | € 63.37 |
| BUR02012 | Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1-1/2" BSP | £63.86 | € 86.22 |

# JIC MALE X JIC SWIVEL FEMALE X JIC MALE BRANCH TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01



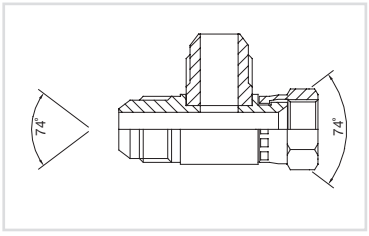



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR12040 | Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 7/16" JIC | £8.07 | € 10.89 |
| BUR12041 | Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 1/2" JIC | £8.07 | € 10.89 |
| BUR12042 | Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 9/16" JIC | £8.07 | € 10.89 |
| BUR12043 | Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 3/4" JIC | £9.99 | € 13.49 |
| BUR12044 | Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 7/8" JIC | £12.83 | € 17.32 |
| BUR12045 | Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 1-1/16" JIC | £23.71 | € 32.00 |
| BUR12046 | Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 1-5/16" JIC | £34.47 | € 46.54 |
| BUR12047 | Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 1-5/8" JIC | £71.82 | € 96.96 |
| BUR12048 | Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 1-7/8" JIC | £93.17 | € 125.78 |

# ORFS MALE X ORFS SWIVEL FEMALE X ORFS MALE TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01



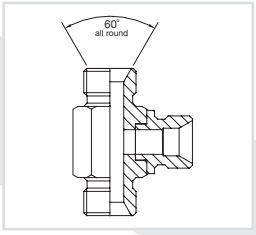



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR9706-04-04-04 | Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 9/16 ORFS | £16.19 | € 21.86 |
| BUR9706-06-06-06 | Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 11/16 ORFS | £19.99 | € 26.99 |
| BUR9706-08-08-08 | Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 13/16 ORFS | £24.31 | € 32.82 |
| BUR9706-10-10-10 | Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 1 ORFS | £35.85 | € 48.39 |
| BUR9706-12-12-12 | Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 1-3/16 ORFS | £46.84 | € 63.23 |
| BUR9706-16-16-16 | Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 1-7/16 ORFS | £69.04 | € 93.21 |
| BUR9706-20-20-20 | Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 1-11/16 ORFS | £96.76 | € 130.63 |
| BUR9706-24-24-24 | Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 2 ORFS | £166.56 | € 224.86 |

# BSP MALE TEE FOR BONDED SEAL

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01932 | Hydraulic adaptor BSP male tee for bonded seal, 1/8" BSP | £5.96 | € 8.05 |
| BUR01925 | Hydraulic adaptor BSP male tee for bonded seal, 1/4" BSP | £5.26 | € 7.10 |
| BUR01926 | Hydraulic adaptor BSP male tee for bonded seal, 3/8" BSP | £6.83 | € 9.21 |

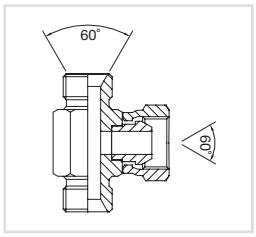
Continued on next page

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01929 | Hydraulic adaptor BSP male tee for bonded seal, 3/4" BSP | £11.77 | € 15.90 |
| BUR01930 | Hydraulic adaptor BSP male tee for bonded seal, 1" BSP | £20.51 | € 27.69 |
| BUR01931 | Hydraulic adaptor BSP male tee for bonded seal, 1-1/4" BSP | £44.16 | € 59.62 |
| BUR01938 | Hydraulic adaptor BSP male tee for bonded seal, 1-1/2" BSP | £127.82 | € 172.55 |
| BUR01939 | Hydraulic adaptor BSP male tee for bonded seal, 2" BSP | £171.78 | € 231.91 |

# BSP MALE X BSP SWIVEL FEMALE X BSP MALE BRANCH TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01



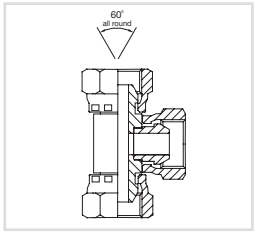



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR02033 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1/8" BSP | £8.45 | € 11.40 |
| BUR02025 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1/4" BSP | £8.38 | € 11.32 |
| BUR02026 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 3/8" BSP | £9.29 | € 12.54 |
| BUR02027 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1/2" BSP | £11.33 | € 15.29 |
| BUR02028 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 5/8" BSP | £16.97 | € 22.91 |
| BUR02029 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 3/4" BSP | £18.52 | € 25.00 |
| BUR02030 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1" BSP | £22.55 | € 30.45 |
| BUR02034 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1-1/4" BSP | £46.95 | € 63.37 |
| BUR02020 | Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1-1/2" BSP | £80.21 | € 108.28 |

# BSP SWIVEL FEMALE TEE

www.flowfitonline.com
TECH. DATA SHEET
HA01





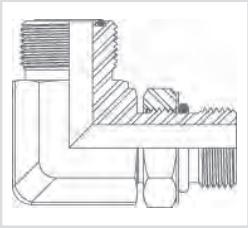

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR01975 | Hydraulic adaptor BSP swivel female, 1/8" BSP | £6.36 | € 8.59 |
| BUR01976 | Hydraulic adaptor BSP swivel female, 1/4" BSP | £6.70 | € 9.04 |
| BUR01977 | Hydraulic adaptor BSP swivel female, 3/8" BSP | £7.47 | € 10.09 |
| BUR01978 | Hydraulic adaptor BSP swivel female, 1/2" BSP | £8.88 | € 11.99 |
| BUR01979 | Hydraulic adaptor BSP swivel female, 5/8" BSP | £12.33 | € 16.65 |
| BUR01980 | Hydraulic adaptor BSP swivel female, 3/4" BSP | £14.06 | € 18.99 |
| BUR01981 | Hydraulic adaptor BSP swivel female, 1" BSP | £19.20 | € 25.92 |
| BUR01982 | Hydraulic adaptor BSP swivel female, 1-1/4" BSP | £52.77 | € 71.24 |
| BUR01983 | Hydraulic adaptor BSP swivel female, 1-1/2" BSP | £92.15 | € 124.39 |
| BUR01984 | Hydraulic adaptor BSP swivel female, 2" BSP | £119.50 | € 161.33 |

# ELBOW ADAPTORS

## ORFS MALE X BSP MALE 90° POSITIONAL FORGED ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



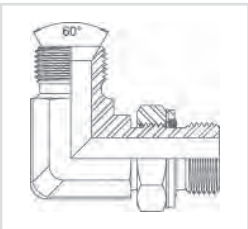



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR9515-04-04B | Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 9/16 ORFS X 1/4"BSP | £16.06 | € 21.68 |
| BUR9515-06-06B | Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 11/16 ORFS X 3/8" BSP | £19.41 | € 26.20 |
| BUR9515-08-06B | Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 13 ORFS X 3/8" BSP | £20.82 | € 28.11 |
| BUR9515-08-08B | Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 13/16 ORFS X 1/2" BSP | £22.74 | € 30.70 |
| BUR9515-10-08B | Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 1 ORFS X 1/2" BSP | £24.39 | € 32.92 |
| BUR9515-10-10B | Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 1 ORFS X 5/8" BSP | £25.48 | € 34.40 |
| BUR9515-12-08B | Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 1-3/16 ORFS X 1/2" BSP | £31.34 | € 42.31 |
| BUR9515-12-12B | Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 1-3/16 ORFS X 3/4" BSP | £31.34 | € 42.31 |
| BUR9515-16-16B | Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 1-7/16 ORFS X 1" BSP | £44.84 | € 60.53 |

## BSP MALE X BSP MALE 90° POSITIONAL FORGED ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



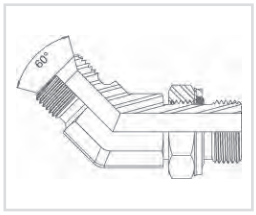

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR03051FDPOS | Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 1/4" BSP | £17.49 | € 23.61 |
| BUR03053FDPOS | Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 3/8" BSP | £21.17 | € 28.58 |
| BUR03054FDPOS | Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 1/2" BSP | £25.09 | € 33.87 |
| BUR03056FDPOS | Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 3/4" BSP | £33.65 | € 45.44 |
| BUR03057FDPOS | Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 1" BSP | £45.00 | € 60.75 |
| BUR03058FDPOS | Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 1-1/4" BSP | £72.99 | € 98.53 |



# BSP MALE X BSP MALE 45°POSITIONAL FORGED ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01






| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR03051FDPOS-45 | Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 1/4" BSP | £17.50 | € 23.62 |
| BUR03053FDPOS-45 | Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 3/8" BSP | £21.17 | € 28.58 |
| BUR03054FDPOS-45 | Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 1/2" BSP | £25.08 | € 33.86 |
| BUR03056FDPOS-45 | Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 3/4" BSP | £33.66 | € 45.45 |
| BUR03057FDPOS-45 | Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 1" BSP | £42.37 | € 57.20 |
| BUR03058FDPOS-45 | Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 1-1/4" BSP | £72.92 | € 98.44 |

# JIC MALE X UNF MALE 90° POSITIONAL FORGED ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



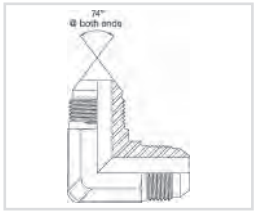



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR03085FDPOS | Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 7/16 JIC X 7/16 UNF | £12.54 | € 16.92 |
| BUR03085-06FDPOS | Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 7/16 JIC X 9/16 UNF | £14.02 | € 18.92 |
| BUR03086FDPOS | Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 1/2 JIC X 1/2 UNF | £12.54 | € 16.92 |
| BUR03087-04FDPOS | Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 9/16 JIC X 7/16 UNF | £15.07 | € 20.34 |
| BUR03087FDPOS | Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 9/16 JIC X 9/16 UNF | £12.54 | € 16.92 |
| BUR03088FDPOS | Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 3/4 JIC X 3/4 UNF | £18.32 | € 24.73 |

# JIC MALE X JIC MALE 90° FORGED COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



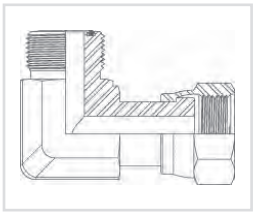



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR03085FD | Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 7/16 JIC X 7/16 JIC | £9.05 | € 12.21 |
| BUR03086FD | Hydraulic adaptor JIC male x JIC male 90° forged compact elbow,1/2 JIC X 1/2 JIC | £9.06 | € 12.24 |
| BUR03087FD | Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 9/16 JIC X 9/16 JIC | £9.98 | € 13.47 |
| BUR03088FD | Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 3/4 JIC X 3/4 JIC | £13.88 | € 18.74 |
| BUR03089FD | Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 7/8 JIC X 7/8 JIC | £14.69 | € 19.83 |
| BUR03090FD | Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1-1/16 JIC X 1-1/16 JIC | £17.24 | € 23.27 |
| BUR03091FD | Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1-3/16 JIC X 1-3/16 JIC | £34.04 | € 45.95 |
| BUR03092FD | Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1-5/16 JIC X 1-5/16 JIC | £34.04 | € 45.95 |
| BUR030094FD | Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1-5/8 JIC X 1-5/8 JIC | £67.56 | € 91.22 |
| BUR03093FD | Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1-7/8 JIC X 1-7/8 JIC | £107.72 | € 145.42 |

# ORFS MALE X ORFS SWIVEL FEMALE 90 FORGED COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



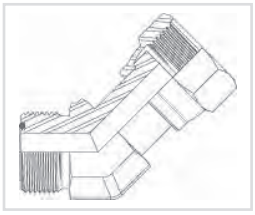



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR9506-04-04 | Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 9/16 ORFS | £13.93 | € 18.81 |
| BUR9506-06-06 | Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 11/16 ORFS | £18.11 | € 24.45 |
| BUR9506-08-08 | Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 13/16 ORFS | £22.85 | € 30.86 |
| BUR9506-10-10 | Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 1 ORFS | £26.83 | € 36.21 |
| BUR9506-12-12 | Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 1-3/16 ORFS | £40.37 | € 54.50 |
| BUR9506-16-16 | Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 1-7/16 ORFS | £53.88 | € 72.74 |
| BUR9506-20-20 | Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 1-11/16 ORFS | £71.22 | € 96.14 |
| BUR9506-24-24 | Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 2 ORFS | £119.73 | € 161.63 |

# ORFS MALE X ORFS SWIVEL FEMALE 45° FORGED COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



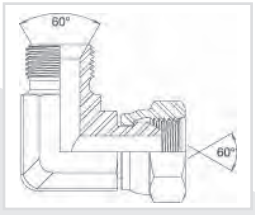



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR9356-04-04 | Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 9/16 ORFS | £13.93 | € 18.81 |
| BUR9356-06-06 | Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 11/16 ORFS | £17.54 | € 23.67 |
| BUR9356-08-08 | Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 13/16 ORFS | £22.81 | € 30.79 |
| BUR9356-10-10 | Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 1 ORFS | £26.84 | € 36.23 |
| BUR9356-12-12 | Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 1-3/16 ORFS | £40.37 | € 54.50 |
| BUR9356-16-16 | Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 1-7/16 ORFS | £53.88 | € 72.74 |
| BUR9356-20-20 | Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 1-11/16 ORFS | £70.38 | € 95.02 |
| BUR9356-24-24 | Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 2 ORFS | £52.96 | € 71.50 |

# BSP MALE X BSP SWIVEL FEMALE 90° FORGED COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



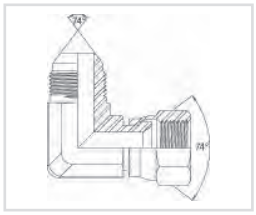




| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR05000FD | Hydraulic adaptor BSP male x BSP swivel female 90° forged compact elbow, 1/4" BSP X 1/4" BSP | £10.00 | € 13.50 |
| BUR05001FD | Hydraulic adaptor BSP male x BSP swivel female 90° forged compact elbow, 3/8" BSP X 3/8" BSP | £11.91 | € 16.08 |
| BUR05002FD | Hydraulic adaptor BSP male x BSP swivel female 90° forged compact elbow, 1/2" BSP X 1/2" BSP | £8.20 | € 11.07 |
| BUR05004FD | Hydraulic adaptor BSP male x BSP swivel female 90° forged compact elbow, 3/4" BSP X 3/4" BSP | £22.71 | € 30.66 |
| BUR05005FD | Hydraulic adaptor BSP male x BSP swivel female 90° forged compact elbow, 1" BSP X 1" BSP | £35.19 | € 47.50 |

# JIC MALE X JIC SWIVEL FEMALE 90° FORGED COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



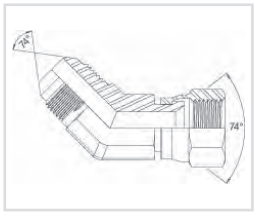


| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR05050FD | Hydraulic adaptor ⅝ C male x ⅝ C swivel female 90° forged compact elbow, 7/16 ⅝ C X 7/16 ⅝ C | £12.46 | € 16.83 |
| BUR05051FD | Hydraulic adaptor ⅝ C male x ⅝ C swivel female 90° forged compact elbow, 1/2 ⅝ C X 1/2 ⅝ C | £13.13 | € 17.73 |
| BUR05052FD | Hydraulic adaptor ⅝ C male x ⅝ C swivel female 90° forged compact elbow, 9/16 ⅝ C X 9/16 ⅝ C | £13.66 | € 18.45 |
| BUR05053FD | Hydraulic adaptor ⅝ C male x ⅝ C swivel female 90° forged compact elbow, 3/4 ⅝ C X 3/4 ⅝ C | £17.24 | € 23.27 |
| BUR05054FD | Hydraulic adaptor ⅝ C male x ⅝ C swivel female 90° forged compact elbow, 7/8 ⅝ C X 7/8 ⅝ C | £22.40 | € 30.24 |
| BUR05055FD | Hydraulic adaptor ⅝ C male x ⅝ C swivel female 90° forged compact elbow, 1-1/16 ⅝ C X 1-1/16 JIC | £29.28 | € 39.53 |
| BUR05057FD | Hydraulic adaptor ⅝ C male x ⅝ C swivel female 90° forged compact elbow, 1-3/16 ⅝ C X 1-3/16 JIC | £44.44 | € 59.99 |
| BUR05056FD | Hydraulic adaptor ⅝ C male x ⅝ C swivel female 90° forged compact elbow, 1-5/16 ⅝ C X 1-5/16 JIC | £53.61 | € 72.37 |
| BUR05059FD | Hydraulic adaptor ⅝ C male x ⅝ C swivel female 90° forged compact elbow, 1-7/8 ⅝ C X 1-7/8 ⅝ C | £151.06 | € 203.93 |

# JIC MALE X JIC SWIVEL FEMALE 45° FORGED COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



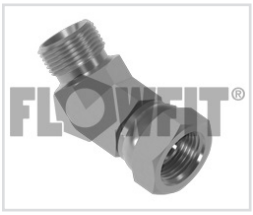


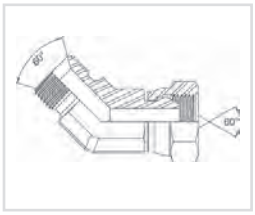
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR05050/45FD | Hydraulic ⅝ C male x ⅝ C swivel female 45° forged compact elbow, 7/16 ⅝ C X 7/16 ⅝ C | £12.86 | € 17.37 |
| BUR05051/45FD | Hydraulic ⅝ C male x ⅝ C swivel female 45° forged compact elbow, 1/2 ⅝ C X 1/2 ⅝ C | £13.13 | € 17.73 |
| BUR05052/45FD | Hydraulic ⅝ C male x ⅝ C swivel female 45° forged compact elbow, 9/16 ⅝ C X 9/16 ⅝ C | £14.29 | € 19.29 |
| BUR05053/45FD | Hydraulic ⅝ C male x ⅝ C swivel female 45° forged compact elbow, 3/4 ⅝ C X 3/4 ⅝ C | £17.70 | € 23.90 |
| BUR05054/45FD | Hydraulic ⅝ C male x ⅝ C swivel female 45° forged compact elbow, 7/8 ⅝ C X 7/8 ⅝ C | £23.27 | € 31.42 |
| BUR05055/45FD | Hydraulic ⅝ C male x ⅝ C swivel female 45° forged compact elbow, 1-1/16 ⅝ C X 1-1/16 ⅝ C | £29.89 | € 40.36 |
| BUR05056/45FD | Hydraulic ⅝ C male x ⅝ C swivel female 45° forged compact elbow, 1-5/16 ⅝ C X 1-5/16 ⅝ C | £53.61 | € 72.37 |
| BUR05058/45FD | Hydraulic ⅝ C male x ⅝ C swivel female 45° forged compact elbow, 1-5/8 ⅝ C X 1-5/8 ⅝ C | £88.66 | € 119.69 |
| BUR05059/45FD | Hydraulic ⅝ C male x ⅝ C swivel female 45° forged compact elbow, 1-7/8 ⅝ C X 1-7/8 ⅝ C | £151.34 | € 204.31 |



# BSP MALE X BSP SWIVEL FEMALE 45° FORGED COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



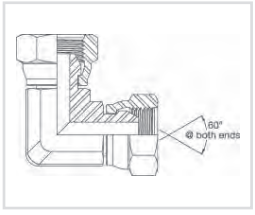




| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR05000/45FD | Hydraulic adaptor BSP male x BSP swivel female 45° forged compact elbow, 1/4" BSP X 1/4" BSP | £9.39 | € 12.67 |
| BUR5001/45FD | Hydraulic adaptor BSP male x BSP swivel female 45° forged compact elbow, 3/8 BSP X 3/8 BSP | £11.47 | € 15.49 |
| BUR05002/45FD | Hydraulic adaptor BSP male x BSP swivel female 45° forged compact elbow, 1/2 BSP X 1/2 BSP | £14.29 | € 19.29 |
| BUR05004/45FD | Hydraulic adaptor BSP male x BSP swivel female 45° forged compact elbow, 3/4 BSP X 3/4 BSP | £23.27 | € 31.42 |
| BUR05005/45FD | Hydraulic adaptor BSP male x BSP swivel female 45° forged compact elbow, 1 BSP X 1 BSP | £33.58 | € 45.33 |

# BSP SWIVEL FEMALE X BSP SWIVEL FEMALE 90° FORGED COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



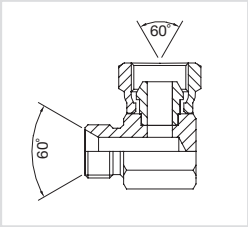

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR05026FD | Hydraulic adaptor BSP swivel female x BSP swivel female 90° forged compact elbow, 1/4" BSP X 1/4" BSP | £12.60 | € 17.01 |
| BUR05027FD | Hydraulic adaptor BSP swivel female x BSP swivel female 90° forged compact elbow, 3/8" BSP X 3/8" BSP | £13.00 | € 17.55 |
| BUR05028FD | Hydraulic adaptor BSP swivel female x BSP swivel female 90° forged compact elbow, 1/2" BSP X 1/2" BSP | £17.24 | € 23.27 |
| BUR05030FD | Hydraulic adaptor BSP swivel female x BSP swivel female 90° forged compact elbow, 3/4" BSP X 3/4" BSP | £25.16 | € 33.98 |
| BUR05031FD | Hydraulic adaptor BSP swivel female x BSP swivel female 90° forged compact elbow, 1" BSP X 1" BSP | £31.17 | € 42.08 |

FOR SALES & ADVICE CALL US 01584 876033

# BSP MALE FOR BONDED SEAL X BSP SWIVEL FEMALE 90° COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01

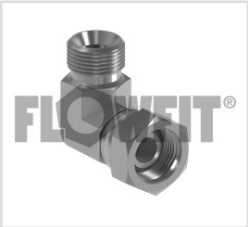


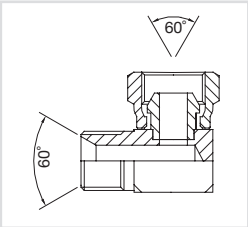




| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR04012 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/8" BSP x 1/8" BSP | £4.74 | € 6.40 |
| BUR04014 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/4" BSP x 1/4" BSP | £4.74 | € 6.40 |
| BUR04013 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 3/8" BSP x 1/4" BSP | £6.73 | € 9.08 |
| BUR04015 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 3/8" BSP x 3/8" BSP | £6.73 | € 9.08 |
| BUR04021 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/2" BSP x 3/8" BSP | £7.23 | € 9.75 |
| BUR04016 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/2" BSP x 1/2" BSP | £7.23 | € 9.75 |
| BUR04024 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/2" BSP x 5/8" BSP | £10.56 | € 14.26 |
| BUR04011 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/2" BSP x 3/4" BSP | £10.38 | € 14.01 |
| BUR04020 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 5/8" BSP x 5/8" BSP | £9.54 | € 12.87 |
| BUR04022 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 3/4" BSP x 1/2" BSP | £11.88 | € 16.04 |
| BUR04017 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 3/4" BSP x 3/4" BSP | £11.97 | € 16.16 |
| BUR04018 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1" BSP x 1" BSP | £19.50 | € 26.33 |
| BUR04019 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1-1/4" BSP x 1-1/4" BSP | £33.43 | € 45.12 |
| BUR04025 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1-1/2" BSP x 1-1/2" BSP | £66.07 | € 89.20 |
| BUR04023 | Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 2" BSP x 2" BSP | £93.03 | € 125.59 |

# BSP MALE CONE SEAT X BSP SWIVEL FEMALE 90° COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



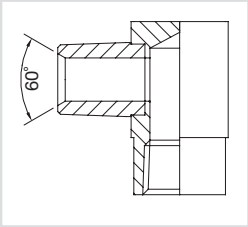




| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR05013 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/4" BSP x 1/8" BSP | £4.74 | € 6.40 |
| BUR05000 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/4" BSP x 1/4" BSP | £4.74 | € 6.40 |
| BUR05006 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/4" BSP x 3/8" BSP | £6.73 | € 9.08 |
| BUR05014 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 3/8" BSP x 1/4" BSP | £6.73 | € 9.08 |
| BUR05001 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 3/8" BSP x 3/8" BSP | £5.82 | € 7.86 |
| BUR05011 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 3/8" BSP x 1/2" BSP | £7.23 | € 9.75 |
| BUR05015 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/2" BSP x 3/8" BSP | £7.23 | € 9.75 |
| BUR05002 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/2" BSP x 1/2" BSP | £7.23 | € 9.75 |
| BUR05012 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/2" BSP x 3/4" BSP | £11.42 | € 15.41 |
| BUR05017 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/2" BSP x 1" BSP | £17.05 | € 23.03 |
| BUR05004 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 3/4" BSP x 3/4" BSP | £10.97 | € 14.82 |
| BUR05010 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 3/4" BSP x 1" BSP | £17.05 | € 23.03 |
| BUR05009 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1" BSP x 3/4" BSP | £17.05 | € 23.03 |
| BUR05005 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1" BSP x 1" BSP | £17.05 | € 23.03 |
| BUR05007 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1-1/2" BSP x 1-1/2" BSP | £64.18 | € 86.65 |
| BUR05008 | Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 2" BSP x 2" BSP | £87.42 | € 118.01 |

# NPTF MALE X NPTF FIXED FEMALE 90° COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



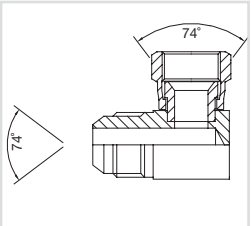




| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR07050 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/8" NPTF x 1/8" NPTF | £10.88 | € 14.68 |
| BUR07051 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/4" NPTF x 1/4" NPTF | £10.88 | € 14.68 |
| BUR07047 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/4" NPTF x 3/8" NPTF | £12.55 | € 16.95 |
| BUR07048 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 3/8" NPTF x 1/4" NPTF | £12.55 | € 16.95 |
| BUR07052 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 3/8" NPTF x 3/8" NPTF | £12.55 | € 16.95 |
| BUR07046 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/2" NPTF x 1/4" NPTF | £15.45 | € 20.87 |
| BUR07049 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/2" NPTF x 1/4" NPTF | £15.45 | € 20.87 |
| BUR07053 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/2" NPTF x 1/2" NPTF | £15.45 | € 20.87 |
| BUR07045 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 3/4" NPTF x 3/8" NPTF | £21.46 | € 28.97 |
| BUR07054 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 3/4" NPTF x 3/4" NPTF | £21.46 | € 28.97 |
| BUR07055 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1" NPTF x 1" NPTF | £34.05 | € 45.98 |
| BUR07056 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1-1/4" NPTF x 1-1/4" NPTF | £54.50 | € 73.57 |
| BUR07057 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1-1/2" NPTF x 1-1/2" NPTF | £66.07 | € 89.20 |
| BUR07058 | Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 2" NPTF x 2" NPTF | £115.45 | € 155.87 |

# JIC MALE X JIC SWIVEL FEMALE 90° COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01



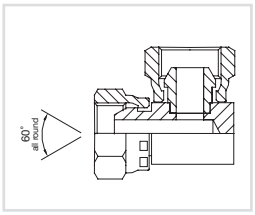




| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR05050 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 7/16" JIC x 7/16" JIC | £6.32 | € 8.53 |
| BUR05051 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1/2" JIC x 1/2" JIC | £6.70 | € 9.04 |
| BUR05052 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 9/16" JIC x 9/16" JIC | £6.96 | € 9.39 |
| BUR05053 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 3/4" JIC x 3/4" JIC | £8.74 | € 11.79 |
| BUR05062 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 3/4" JIC x 7/8" JIC | £11.37 | € 15.36 |
| BUR05061 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 7/8" JIC x 3/4" JIC | £11.37 | € 15.36 |
| BUR05054 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 7/8" JIC x 7/8" JIC | £11.37 | € 15.36 |
| BUR05055 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1-1/16" JIC x 1-1/16" JIC | £14.91 | € 20.13 |
| BUR05057 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1-3/16" JIC x 1-3/16" JIC | £22.60 | € 30.52 |
| BUR05056 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1-5/16" JIC x 1-5/16" JIC | £26.88 | € 36.29 |
| BUR05058 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1-5/8" JIC x 1-5/8" JIC | £35.15 | € 47.46 |
| BUR05059 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1-7/8" JIC x 1-7/8" JIC | £77.19 | € 104.20 |
| BUR05063 | Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 2-1/2" JIC x 2-1/2" JIC | £98.39 | € 132.83 |

# BSP SWIVEL FEMALE X BSP SWIVEL FEMALE 90° COMPACT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01





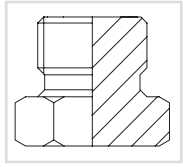

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR05025 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/8" BSP x 1/8" BSP | £6.25 | € 8.45 |
| BUR05036 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/8" BSP x 1/4" BSP | £6.25 | € 8.45 |
| BUR05026 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/4" BSP x 1/4" BSP | £6.25 | € 8.45 |
| BUR05039 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/4" BSP x 3/8" BSP | £6.25 | € 8.45 |
| BUR05037 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/4" BSP x 1/2" BSP | £8.56 | € 11.57 |
| BUR05027 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 3/8" BSP x 3/8" BSP | £6.32 | € 8.53 |
| BUR05035 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 3/8" BSP x 1/2" BSP | £8.56 | € 11.57 |
| BUR05028 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/2" BSP x 1/2" BSP | £8.56 | € 11.57 |
| BUR05040 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/2" BSP x 3/4" BSP | £12.06 | € 16.29 |
| BUR05029 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 5/8" BSP x 5/8" BSP | £10.56 | € 14.26 |
| BUR05030 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 3/4" BSP x 3/4" BSP | £12.07 | € 16.30 |
| BUR05038 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 3/4" BSP x 1" BSP | £14.91 | € 20.13 |
| BUR05031 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1" BSP x 1" BSP | £14.91 | € 20.13 |
| BUR05032 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1-1/4" BSP x 1-1/4" BSP | £34.47 | € 46.54 |
| BUR05033 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1-1/2" BSP x 1-1/2" BSP | £76.65 | € 103.47 |
| BUR05034 | Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 2 " BSP x 2" BSP | £107.75 | € 145.47 |

# PLUGS, CAPS & CRIMP NUTS

## BSP SOLID PLUG

www.flowfitonline.com
TECH. DATA SHEET
HA01



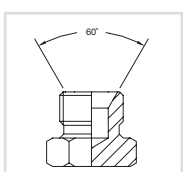


| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09025 | Hydraulic adaptor BSP solid plug, 1/8" BSP | £0.91 | € 1.22 |
| BUR09026 | Hydraulic adaptor BSP solid plug, 1/4" BSP | £0.94 | € 1.26 |
| BUR09027 | Hydraulic adaptor BSP solid plug, 3/8" BSP | £1.23 | € 1.66 |
| BUR09028 | Hydraulic adaptor BSP solid plug, 1/2" BSP | £1.36 | € 1.84 |
| BUR09029 | Hydraulic adaptor BSP solid plug, 5/8" BSP | £1.90 | € 2.57 |
| BUR09030 | Hydraulic adaptor BSP solid plug, 3/4" BSP | £2.13 | € 2.87 |
| BUR09031 | Hydraulic adaptor BSP solid plug, 1" BSP | £3.19 | € 4.30 |
| BUR09032 | Hydraulic adaptor BSP solid plug, 1-1/4" BSP | £7.23 | € 9.75 |
| BUR09033 | Hydraulic adaptor BSP solid plug, 1-1/2" BSP | £9.99 | € 13.49 |
| BUR09034 | Hydraulic adaptor BSP solid plug, 2" BSP | £15.64 | € 21.11 |

## BSP 60° CONED PLUG

www.flowfitonline.com
TECH. DATA SHEET
HA01



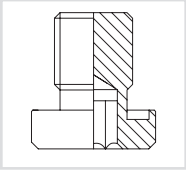



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09050 | Hydraulic adaptor 60° BSP coned plug, 1/8" BSP | £0.91 | € 1.22 |
| BUR09051 | Hydraulic adaptor 60° BSP coned plug, 1/4" BSP | £0.94 | € 1.26 |
| BUR09052 | Hydraulic adaptor 60° BSP coned plug, 3/8" BSP | £1.23 | € 1.66 |
| BUR09053 | Hydraulic adaptor 60° BSP coned plug, 1/2" BSP | £1.39 | € 1.88 |
| BUR09054 | Hydraulic adaptor 60° BSP coned plug, 5/8" BSP | £1.97 | € 2.66 |
| BUR09055 | Hydraulic adaptor 60° BSP coned plug, 3/4" BSP | £2.24 | € 3.01 |
| BUR09056 | Hydraulic adaptor 60° BSP coned plug, 1" BSP | £3.33 | € 4.49 |
| BUR09057 | Hydraulic adaptor 60° BSP coned plug, 1-1/4" BSP | £7.35 | € 9.93 |
| BUR09058 | Hydraulic adaptor 60° BSP coned plug, 1-1/2" BSP | £10.35 | € 13.96 |
| BUR09059 | Hydraulic adaptor 60° BSP coned plug, 2" BSP | £15.92 | € 21.49 |
| BUR09060 | Hydraulic adaptor 60° BSP coned plug, 2-1/2" BSP | £42.89 | € 57.90 |
| BUR09061 | Hydraulic adaptor 60° BSP coned plug, 3" BSP | £61.59 | € 83.15 |

# BSP SOCKET HEADED PLUG WITH 3869 SEAL

www.flowfitonline.com
TECH. DATA SHEET
HA01



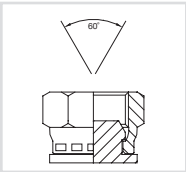


| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR3869-02-SPG | Hydraulic adaptor BSP socket headed plug with 3869 seal, 1/8" BSP | £0.94 | € 1.26 |
| BUR3869-04-SPG | Hydraulic adaptor BSP socket headed plug with 3869 seal, 1/4" BSP | £1.20 | € 1.62 |
| BUR3869-06-SPG | Hydraulic adaptor BSP socket headed plug with 3869 seal, 3/8" BSP | £1.46 | € 1.97 |
| BUR3869-08-SPG | Hydraulic adaptor BSP socket headed plug with 3869 seal, 1/2" BSP | £2.28 | € 3.08 |
| BUR3869-12-SPG | Hydraulic adaptor BSP socket headed plug with 3869 seal, 3/4" BSP | £2.79 | € 3.76 |

# BSP SWIVEL BLANKING CAP

www.flowfitonline.com
TECH. DATA SHEET
HA01



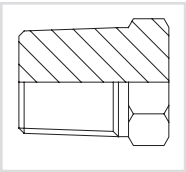



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09180 | Hydraulic adaptor BSP swivel blanking cap, 1/8" BSP | £1.90 | € 2.57 |
| BUR09181 | Hydraulic adaptor BSP swivel blanking cap, 1/4" BSP | £1.73 | € 2.33 |
| BUR09182 | Hydraulic adaptor BSP swivel blanking cap, 3/8" BSP | £1.90 | € 2.57 |
| BUR09183 | Hydraulic adaptor BSP swivel blanking cap, 1/2" BSP | £2.10 | € 2.83 |
| BUR09184 | Hydraulic adaptor BSP swivel blanking cap, 5/8" BSP | £2.64 | € 3.55 |
| BUR09185 | Hydraulic adaptor BSP swivel blanking cap, 3/4" BSP | £3.37 | € 4.55 |
| BUR09186 | Hydraulic adaptor BSP swivel blanking cap, 1" BSP | £5.04 | € 6.80 |
| BUR09187 | Hydraulic adaptor BSP swivel blanking cap, 1-1/4" BSP | £8.38 | € 11.32 |
| BUR09188 | Hydraulic adaptor BSP swivel blanking cap, 1-1/2" BSP | £13.56 | € 18.32 |
| BUR09189 | Hydraulic adaptor BSP swivel blanking cap, 2" BSP | £27.35 | € 36.91 |

# NPTF SOLID PLUG

www.flowfitonline.com
TECH. DATA SHEET
HA01



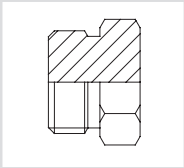


| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09100 | Hydraulic adaptor NPTF solid plug 1/8" NPTF | £0.94 | € 1.26 |
| BUR09101 | Hydraulic adaptor NPTF solid plug, 1/4" NPTF | £0.94 | € 1.26 |
| BUR09102 | Hydraulic adaptor NPTF solid plug, 3/8" NPTF | £1.12 | € 1.51 |
| BUR09103 | Hydraulic adaptor NPTF solid plug, 1/2" NPTF | £1.52 | € 2.05 |
| BUR09105 | Hydraulic adaptor NPTF solid plug, 3/4" NPTF | £2.74 | € 3.70 |
| BUR09106 | Hydraulic adaptor NPTF solid plug, 1" NPTF | £4.46 | € 6.03 |
| BUR09107 | Hydraulic adaptor NPTF solid plug, 1-1/4" NPTF | £9.32 | € 12.58 |
| BUR09108 | Hydraulic adaptor NPTF solid plug, 1-1/2" NPTF | £12.92 | € 17.44 |
| BUR09109 | Hydraulic adaptor NPTF solid plug, 2" NPTF | £19.70 | € 26.59 |
| BUR09110 | Hydraulic adaptor NPTF solid plug, 2-1/2" NPTF | £75.65 | € 102.14 |
| BUR09111 | Hydraulic adaptor NPTF solid plug, 3" NPTF | £99.11 | € 133.80 |

# SAE O RING BOSS MALE SOLID PLUG

www.flowfitonline.com
TECH. DATA SHEET
HA01



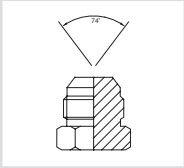


| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09162 | Hydraulic adaptor SAE O'ring boss male solid plug, 5/16" SORB | £1.68 | € 2.28 |
| BUR09150 | Hydraulic adaptor SAE O'ring boss male solid plug, 7/16" SORB | £1.39 | € 1.88 |
| BUR09151 | Hydraulic adaptor SAE O'ring boss male solid plug, 1/2" SORB | £1.52 | € 2.05 |
| BUR09152 | Hydraulic adaptor SAE O'ring boss male solid plug, 9/16" SORB | £1.68 | € 2.28 |
| BUR09161 | Hydraulic adaptor SAE O'ring boss male solid plug, 5/8" SORB | £1.81 | € 2.45 |
| BUR09153 | Hydraulic adaptor SAE O'ring boss male solid plug, 3/4" SORB | £1.90 | € 2.57 |
| BUR09154 | Hydraulic adaptor SAE O'ring boss male solid plug, 7/8" SORB | £2.24 | € 3.01 |
| BUR09155 | Hydraulic adaptor SAE O'ring boss male solid plug, 1-1/16" SORB | £3.37 | € 4.55 |
| BUR09156 | Hydraulic adaptor SAE O'ring boss male solid plug, 1-3/16" SORB | £4.05 | € 5.46 |
| BUR09157 | Hydraulic adaptor SAE O'ring boss male solid plug, 1-5/16" SORB | £5.50 | € 7.42 |
| BUR09158 | Hydraulic adaptor SAE O'ring boss male solid plug, 1-5/8" SORB | £10.35 | € 13.96 |
| BUR09159 | Hydraulic adaptor SAE O'ring boss male solid plug, 1-7/8" SORB | £13.90 | € 18.76 |
| BUR09160 | Hydraulic adaptor SAE O'ring boss male solid plug, 2-1/2" SORB | £20.51 | € 27.69 |

# JIC SOLID PLUG

www.flowfitonline.com
TECH. DATA SHEET
HA01



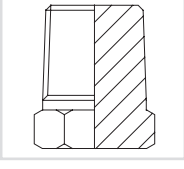



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09120 | Hydraulic adaptor JJ C solid plug, 5/16" JJ C | £1.68 | € 2.28 |
| BUR09121 | Hydraulic adaptor JJ C solid plug, 7/16" JJ C | £1.39 | € 1.88 |
| BUR09122 | Hydraulic adaptor JJ C solid plug, 1/2" JJ C | £1.46 | € 1.97 |
| BUR09123 | Hydraulic adaptor JJ C solid plug, 9/16" JJ C | £1.68 | € 2.28 |
| BUR09124 | Hydraulic adaptor JJ C solid plug, 3/4" JJ C | £1.73 | € 2.33 |
| BUR09125 | Hydraulic adaptor JJ C solid plug, 7/8" JJ C | £1.97 | € 2.66 |
| BUR09126 | Hydraulic adaptor JJ C solid plug, 1-1/16" JJ C | £2.86 | € 3.87 |
| BUR09127 | Hydraulic adaptor JJ C solid plug, 1-3/16" JJ C | £3.91 | € 5.28 |
| BUR09130 | Hydraulic adaptor JJ C solid plug, 1-5/16" JJ C | £5.75 | € 7.75 |
| BUR09128 | Hydraulic adaptor JJ C solid plug, 1-5/8" JJ C | £9.35 | € 12.63 |
| BUR09129 | Hydraulic adaptor JJ C solid plug, 1-7/8" JJ C | £12.14 | € 16.38 |
| BUR09131 | Hydraulic adaptor JJ C solid plug, 2-1/2" JJ C | £20.04 | € 27.06 |

# BSPT SOLID PLUG

www.flowfitonline.com
TECH. DATA SHEET
HA01



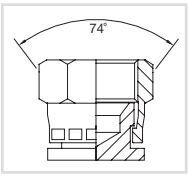


| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09075 | Hydraulic adaptor BSPT solid plug, 1/8" BSPT | £0.94 | € 1.26 |
| BUR09076 | Hydraulic adaptor BSPT solid plug, 1/4" BSPT | £1.06 | € 1.43 |
| BUR09077 | Hydraulic adaptor BSPT solid plug, 3/8" BSPT | £1.36 | € 1.84 |
| BUR09078 | Hydraulic adaptor BSPT solid plug, 1/2" BSPT | £1.39 | € 1.88 |
| BUR09079 | Hydraulic adaptor BSPT solid plug, 5/8" BSPT | £2.00 | € 2.70 |
| BUR09080 | Hydraulic adaptor BSPT solid plug, 3/4" BSPT | £2.28 | € 3.08 |
| BUR09081 | Hydraulic adaptor BSPT solid plug, 1" BSPT | £3.40 | € 4.59 |
| BUR09082 | Hydraulic adaptor BSPT solid plug, 1-1/4" BSPT | £7.69 | € 10.38 |
| BUR09083 | Hydraulic adaptor BSPT solid plug, 1-1/2" BSPT | £10.74 | € 14.49 |
| BUR09084 | Hydraulic adaptor BSPT solid plug, 2" BSPT | £17.88 | € 24.15 |
| BUR09085 | Hydraulic adaptor BSPT solid plug, 2-1/2" BSPT | £75.65 | € 102.14 |

# JIC SWIVEL BLANKING CAP

www.flowfitonline.com
TECH. DATA SHEET
HA01





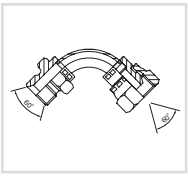

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09200 | Hydraulic adaptor JJ C swivel blanking cap, 7/16" JJ C | £2.00 | € 2.70 |
| BUR09201 | Hydraulic adaptor JJ C swivel blanking cap, 1/2" JJ C | £2.10 | € 2.83 |
| BUR09202 | Hydraulic adaptor JJ C swivel blanking cap, 9/16" JJ C | £2.24 | € 3.01 |
| BUR09203 | Hydraulic adaptor JJ C swivel blanking cap, 3/4" JJ C | £2.64 | € 3.55 |
| BUR09204 | Hydraulic adaptor JJ C swivel blanking cap, 7/8" JJ C | £3.40 | € 4.59 |
| BUR09205 | Hydraulic adaptor JJ C swivel blanking cap, 1-1/16" JJ C | £4.91 | € 6.63 |
| BUR09209 | Hydraulic adaptor JJ C swivel blanking cap, 1-3/16" JJ C | £5.79 | € 7.82 |
| BUR09206 | Hydraulic adaptor JJ C swivel blanking cap, 1-5/16" JJ C | £6.36 | € 8.59 |
| BUR09207 | Hydraulic adaptor JJ C swivel blanking cap, 1-5/8" JJ C | £8.78 | € 11.86 |
| BUR09208 | Hydraulic adaptor JJ C swivel blanking cap, 1-7/8" JJ C | £13.74 | € 18.54 |
| BUR09210 | Hydraulic adaptor JJ C swivel blanking cap, 2-1/2" JJ C | £31.38 | € 42.37 |

## SWEPTS, PUSH-INS, HOSE-TAILS & FERRULES

# BSP MALE X BSP SWIVEL FEMALE 90° SWEPT ELBOW

www.flowfitonline.com
TECH. DATA SHEET
HA01





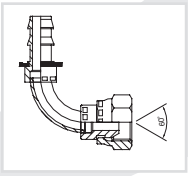
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR06020 | Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 1/4" BSP | £4.91 | € 6.63 |
| BUR06021 | Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 3/8" BSP | £5.96 | € 8.05 |
| BUR06022 | Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 1/2" BSP | £7.23 | € 9.75 |
| BUR06023 | Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 5/8" BSP | £9.87 | € 13.33 |
| BUR06024 | Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 5/8" BSP | £11.29 | € 15.24 |
| BUR06025 | Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 1" BSP | £18.23 | € 24.61 |
| BUR06026 | Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 1-1/4" BSP | £28.65 | € 38.69 |
| BUR06027 | Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 1-1/2" BSP | £68.95 | € 93.07 |
| BUR06028 | Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 2" BSP | £99.93 | € 134.91 |

# BSP SWIVEL FEMALE X PUSH-IN 90° SWEPT

## ALL PUSH-INS NOT FOR USE WITH CLIPS OR FERRULES.

www.flowfitonline.com
TECH. DATA SHEET
HA01





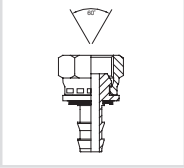
| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09280 | Hydraulic adaptor BSP swivel female x push-in 90° swept, 1/4" BSP x 1/4" PI | £5.79 | € 7.82 |
| BUR09281 | Hydraulic adaptor BSP swivel female x push-in 90° swept, 3/8" BSP x 3/8" PI | £6.73 | € 9.08 |
| BUR09282 | Hydraulic adaptor BSP swivel female x push-in 90° swept, 1/2" BSP x 1/2" PI | £8.14 | € 10.99 |
| BUR09283 | Hydraulic adaptor BSP swivel female x push-in 90° swept, 5/8" BSP x 5/8" PI | £11.08 | € 14.96 |
| BUR09284 | Hydraulic adaptor BSP swivel female x push-in 90° swept, 3/4" BSP x 3/4" PI | £12.14 | € 16.38 |
| BUR09285 | Hydraulic adaptor BSP swivel female x push-in 90° swept, 1" BSP x 1" PI | £23.18 | € 31.29 |

# BSP SWIVEL FEMALE X PUSH-IN STRAIGHT

## ALL PUSH-INS NOT FOR USE WITH CLIPS OR FERRULES.

www.flowfitonline.com TECH. DATA SHEET HA01





| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR09240 | Hydraulic adaptor BSP swivel female x push-in straight, 1/4" BSP x 1/4" PI | £1.52 | € 2.05 |
| BUR09246 | Hydraulic adaptor BSP swivel female x push-in straight, 1/4" BSP x 3/8" PI | £5.82 | € 7.86 |
| BUR09241 | Hydraulic adaptor BSP swivel female x push-in straight, 3/8" BSP x 3/8" PI | £2.00 | € 2.70 |
| BUR09242 | Hydraulic adaptor BSP swivel female x push-in straight, 1/2" BSP x 1/2" PI | £2.64 | € 3.55 |
| BUR09243 | Hydraulic adaptor BSP swivel female x push-in straight, 5/8" BSP x 5/8" PI | £3.50 | € 4.72 |
| BUR09244 | Hydraulic adaptor BSP swivel female x push-in straight, 3/4" BSP x 3/4" PI | £4.74 | € 6.40 |
| BUR09245 | Hydraulic adaptor BSP swivel female x push-in straight, 1" BSP x 1" PI | £7.33 | € 9.90 |

# R2A FERRULES

www.flowfitonline.com TECH. DATA SHEET HA01



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR19939 | Hydraulic ferrule, 1/8 R2A | £2.66 | € 3.59 |
| BUR19940 | Hydraulic ferrule, 1/4 R2A | £2.66 | € 3.59 |
| BUR19941 | Hydraulic ferrule, 3/8 R2A | £3.35 | € 4.53 |
| BUR19942 | Hydraulic ferrule, 1/2 R2A | £3.35 | € 4.53 |
| BUR19943 | Hydraulic ferrule, 5/8 R2A | £6.59 | € 8.90 |
| BUR19944 | Hydraulic ferrule, 3/4 R2A | £6.59 | € 8.90 |
| BUR19945 | Hydraulic ferrule, 1 R2A | £12.51 | € 16.88 |

# R2T FERRULES FOR NON-SKIVED R2T HOSE

www.flowfitonline.com TECH. DATA SHEET HA01



| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BUR19950 | Hydraulic R2 ferrule, 1/4 R2T | £2.40 | € 3.24 |
| BUR19951 | Hydraulic R2 ferrule, 3/8 R2T | £3.09 | € 4.17 |
| BUR19956 | Hydraulic R2 ferrule, 1/2 R2T | £4.24 | € 5.73 |
| BUR19953 | Hydraulic R2 ferrule, 5/8 R2T | £6.30 | € 8.50 |
| BUR19954 | Hydraulic R2 ferrule, 3/4 R2T | £8.13 | € 10.98 |
| BUR19955 | Hydraulic R2 ferrule, 1 R2T | £13.13 | € 17.73 |



# BONDED SEALS

www.flowfitonline.com
TECH. DATA SHEET
HA01



Bonded seals are used in pressurised hydraulic systems as a seal between the faces of components.

They consist of a metal washer to which a trapezoidal elastomeric ring is bonded and are designed to work in hydraulic systems where the metal ring ensures that bursting forces applied to the ring are resisted.

These seals come in sizes from 1/8" BSP to 2" BSP in quantaties from 10 to 100 off.

Self Centering

Nitrile Inserts

Mild Steel Cadmium

| PART NUMBER | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| BS1810 | Pack of 10 bonded seals 1/8" BSP | £1.59 | € 2.14 |
| BS1825 | Pack of 25 bonded seals 1/8" BSP | £4.03 | € 5.44 |
| BS1850 | Pack of 50 bonded seals 1/8" BSP | £8.01 | € 10.82 |
| BS18100 | Pack of 100 bonded seals 1/8" BSP | £16.06 | € 21.68 |
| BS14100 | Pack of 100 bonded seals 1/4" BSP | £16.06 | € 21.68 |
| BS1425 | Pack of 25 bonded seals 1/4" BSP | £4.03 | € 5.44 |
| BS1450 | Pack of 50 bonded seals 1/4" BSP | £8.01 | € 10.82 |
| BS1410 | Pack of 10 bonded seals 1/4" BSP | £1.59 | € 2.14 |
| BS3810 | Pack of 10 bonded seals 3/8" BSP | £1.77 | € 2.39 |
| BS3825 | Pack of 25 bonded seals 3/8" BSP | £4.41 | € 5.95 |
| BS3850 | Pack of 50 bonded seals 3/8" BSP | £8.83 | € 11.92 |
| BS38100 | Pack of 100 bonded seals 3/8" BSP | £17.66 | € 23.84 |
| BS1210 | Pack of 10 bonded seals 1/2" BSP | £1.94 | € 2.62 |
| BS1225 | Pack of 25 bonded seals 1/2" BSP | £4.80 | € 6.47 |
| BS1250 | Pack of 50 bonded seals 1/2" BSP | £9.64 | € 13.02 |
| BS12100 | Pack of 100 bonded seals 1/2" BSP | £19.26 | € 26.00 |
| BS5810 | Pack of 10 bonded seals 5/8" BSP | £2.42 | € 3.26 |
| BS5825 | Pack of 25 bonded seals 5/8" BSP | £6.02 | € 8.12 |
| BS5850 | Pack of 50 bonded seals 5/8" BSP | £12.05 | € 16.28 |
| BS58100 | Pack of 100 bonded seals 5/8" BSP | £24.06 | € 32.49 |
| BS3410 | Pack of 10 bonded seals 3/4" BSP | £2.42 | € 3.26 |
| BS3425 | Pack of 25 bonded seals 3/4" BSP | £6.02 | € 8.12 |
| BS3450 | Pack of 50 bonded seals 3/4" BSP | £12.05 | € 16.28 |
| BS34100 | Pack of 100 bonded seals 3/4" BSP | £24.06 | € 32.49 |
| BS7810 | Pack of 10 bonded seals 7/8" BSP | £4.03 | € 5.44 |
| BS7825 | Pack of 25 bonded seals 7/8" BSP | £10.00 | € 13.50 |
| BS7850 | Pack of 50 bonded seals 7/8" BSP | £20.04 | € 27.06 |
| BS78100 | Pack of 100 bonded seals 7/8" BSP | £40.11 | € 54.15 |
| BS110 | Pack of 10 bonded seals 1" BSP | £4.03 | € 5.44 |
| BS125 | Pack of 25 bonded seals 1" BSP | £10.00 | € 13.50 |
| BS150 | Pack of 50 bonded seals 1" BSP | £20.04 | € 27.06 |
| BS1100 | Pack of 100 bonded seals 1" BSP | £40.11 | € 54.15 |
| BS11410 | Pack of 10 bonded seals 1 1/4" BSP | £7.06 | € 9.54 |
| BS11425 | Pack of 25 bonded seals 1 1/4" BSP BSP | £17.66 | € 23.84 |
| BS11450 | Pack of 50 bonded seals 1 1/4" BSP | £35.28 | € 47.63 |
| BS114100 | Pack of 100 bonded seals 1 1/4" BSP | £70.60 | € 95.31 |
| BS11210 | Pack of 10 bonded seals 1 1/2" BSP | £8.36 | € 11.29 |
| BS11225 | Pack of 25 bonded seals 1 1/2" BSP | £20.85 | € 28.16 |
| BS11250 | Pack of 50 bonded seals 1 1/2" BSP | £41.73 | € 56.33 |
| BS112100 | Pack of 100 bonded seals 1 1/2" BSP | £83.44 | € 112.64 |
| BS210 | Pack of 10 bonded seals 2" BSP | £12.52 | € 16.90 |
| BS225 | Pack of 25 bonded seals 2" BSP | £31.30 | € 42.25 |
| BS250 | Pack of 50 bonded seals 2" BSP | £62.59 | € 84.49 |
| BS2100 | Pack of 100 bonded seals 2" BSP | £125.13 | € 168.92 |

GATES

# GATES HYDRAULIC HOSE, FITTINGS & MACHINERY


| PRODUCT | PAGE |
|---|---|
| CM2T HYDRAULIC HOSES AND FITTINGS | 468 |
| CRIMPING MACHINES: OVERVIEW | 486 |
| CUTTING MACHINES: OVERVIEW | 488 |
| HIGH PRESSURE 6000 PST HYDRAULIC HOSE AND FITTINGS | 490 |










QUALITY PRODUCTS

FREE ADVICE

If the part number needed is not listed please ask the Flowfit Sales Team

# CM2T

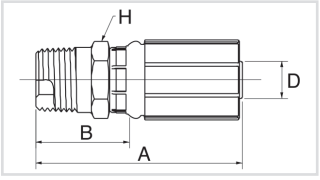
www.flowfitonline.com
TECH. DATA SHEET
GH01




| | |
|---|---|
| **RECOMMENDED FOR** | High pressure hydraulic applications. Easy to route and to install in tight areas. |
| **TUBE NBR** | (Nitrile) based. |
| **REINFORCEMENT** | Two braids of high tensile steel wire. |
| **COVER** | SBR based. |
| **TEMPERATURE RANGE** | -40°C to +100°C constant and +121°C intermittent. |
| **STANDARDS** | EN 857 2SC. ISO 11237 2SC R16. SAE 100R16. |
| **COUPLINGS** | MegaCrimp®. |
| **TYPE APPROVALS** | DNV, GL, LR and By. |
| **CHARACTERISTICS/BENEFITS** | 70% of EN 857 2SC. |
| | Superior flex impulse performance. |
| | Lightweight. |
| | CM2T hose is compatible with biodegradable hydraulic fluids like synthetic esters,polyglycols and vegetable oils as well as petroleum-based fluids. |
| **OPTIONAL** | CM2T-MTF: the complete range of CM2T is also available with the Gates special MegaTuff® cover which offers 300 times the abrasion resistance of the standard CM2T cover as per ISO 6945, superior ozone and weathering resistance. CM2T-MTF can also be used for in-oil (submersible) applications, please consult Gates Product Application Engineers for more info. |
| **IMPORTANT** | **Please consult Gates Product Application Engineers for use of MegaTufr hose in reverse bending applications or for constant bending at minimum bend radius.** |

| SIZE | DN | “ | “ | mm | PSI | MPa | PSI | MPa | mm | kg/100m | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 0.55 | 14.1 | 5800 | 40 | 23200 | 160 | 50 | 31 | CM2T04 | £7.24 | € 9.77 |
| -6 | 10 | 3/8 | 0.7 | 17.7 | 4800 | 33 | 19200 | 132 | 65 | 42 | CM2T06 | £8.20 | € 11.07 |
| -8 | 12 | 1/2 | 0.82 | 20.8 | 4000 | 27.5 | 16000 | 110 | 90 | 51 | CM2T08 | £9.18 | € 12.40 |
| -10 | 16 | 5/8 | 0.97 | 24.6 | 3625 | 25 | 14500 | 100 | 100 | 70 | CM2T10 | £10.39 | € 14.03 |
| -12 | 19 | 3/4 | 1.09 | 27.8 | 3100 | 21.5 | 12400 | 86 | 120 | 81 | CM2T12 | £11.75 | € 15.87 |
| -16 | 25 | 1 | 1.41 | 35.8 | 2400 | 16.5 | 9600 | 66 | 150 | 115 | CM2T16 | £18.03 | € 24.33 |

# BSP MBSPT

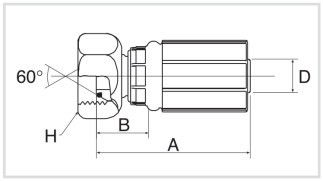



Male BSP taper.

www.flowfitonline.com
TECH. DATA SHEET
GH01

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | “ | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | R 1/4” - 19 BSP | 47.9 | 24.8 | 14 | 4G4MBSPT | £4.07 | € 5.50 |
| -4 | 6 | 1/4 | R 3/8” - 19 BSP | 49.1 | 26 | 19 | 4G6MBSPT | £6.04 | € 8.15 |
| -5 | 8 | 5/16 | R 3/8” - 19 BSP | 50 | 26.1 | 19 | 5G6MBSPT | £6.29 | € 8.49 |
| -6 | 10 | 3/8 | R 3/8” - 19 BSP | 49.5 | 26.1 | 19 | 6G6MBSPT | £3.94 | € 5.32 |
| -6 | 10 | 3/8 | R 1/2” - 14 BSP | 54.3 | 30.9 | 22 | 6G8MBSPT | £7.85 | € 10.59 |
| -8 | 12 | 1/2 | R 3/8” -19 BSP | 59.5 | 27 | 22 | 8G6MBSPT | £7.72 | € 10.42 |
| -8 | 12 | 1/2 | R 1/2” - 14 BSP | 63.3 | 30.9 | 22 | 8G8MBSPT | £5.32 | € 7.19 |
| -10 | 16 | 5/8 | R 5/8” - 14 BSP | 69.9 | 32.4 | 25 | 10G1OMBSPT | £10.50 | € 14.17 |
| -12 | 20 | 3/4 | R 3/4” - 14 BSP | 74.1 | 35.7 | 32 | 12G12MBSPT | £9.03 | € 12.19 |
| -16 | 25 | 1 | R 1” - 11 BSP | 87.5 | 41.6 | 36 | 16G16MBSPT | £15.78 | € 21.30 |

# BSP FBSPORX

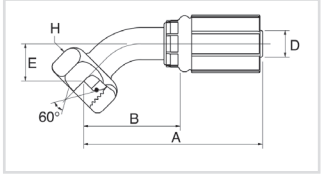



Female1351:"O' ring swivel. 60° cone.

www.flowfitonline.com
TECH. DATA SHEET
GH01

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | G 1/8" - 28 BSP | 41.1 | 18 | 14 | 4G2FBSPX (1) | £5.21 | € 7.03 |
| -4 | 6 | 1/4 | G 1/4" - 19 BSP | 43 | 17 | 19 | 4G4FBSPORX | £2.24 | € 3.01 |
| -4 | 6 | 1/4 | G 3/8" -19 BSP | 44 | 18 | 22 | 4G6FBSPORX | £2.24 | € 3.01 |
| -5 | 8 | 5/16 | G 3/8" -19 BSP | 46 | 18 | 22 | 5G6FBSPORX | £3.16 | € 4.28 |
| -5 | 8 | 5/16 | G 1/2" -14 BSP | 46 | 18 | 27 | 5G8FBSPORX | £3.92 | € 5.29 |
| -6 | 10 | 3/8 | G 3/8" -19 BSP | 44.1 | 16.2 | 22 | 6G6FBSPORX | £2.37 | € 3.20 |
| -6 | 10 | 3/8 | G 1/2" -14 BSP | 45.8 | 17.9 | 27 | 6G8FBSPORX | £2.57 | € 3.47 |
| -8 | 12 | 1/2 | G 3/8" -19 BSP | 59.2 | 21.7 | 22 | 8G6FBSPORX | £4.34 | € 5.86 |
| -8 | 12 | 1/2 | G 1/2" - 14 BSP | 55.5 | 17.8 | 27 | 8G8FBSPORX | £2.89 | € 3.91 |
| -8 | 12 | 1/2 | G 5/8" -14 BSP | 57.2 | 19.7 | 30 | 8G1OFBSPORX | £6.24 | € 8.42 |
| -8 | 12 | 1/2 | G 3/4" -14 BSP | 59 | 21.5 | 32 | 8G12FBSPORX | £9.91 | € 13.38 |
| -10 | 16 | 5/8 | G 5/8" - 14 BSP | 56.6 | 19.1 | 30 | 10G1OFBSPORX | £4.30 | € 5.80 |
| -10 | 16 | 5/8 | G 3/4" -14 BSP | 59 | 21.5 | 32 | 10G12FBSPORX | £5.34 | € 7.20 |
| -12 | 20 | 3/4 | G 3/4" - 14 BSP | 71 | 20 | 32 | 12G12FBSPORX | £5.59 | € 7.55 |
| -12 | 20 | 3/4 | G 1" - 11 BSP | 73.6 | 22.6 | 41 | 12G16FBSPORX | £10.26 | € 13.86 |
| -16 | 25 | 1 | G 3/4" -14 BSP | 82.7 | 25.9 | 32 | 16G12FBSPORX | £23.57 | € 31.82 |
| -16 | 25 | 1 | G 1" - 11 BSP | 83.8 | 27 | 41 | 16G16FBSPORX | £8.60 | € 11.61 |
| -20 | 32 | 1.1/4 | G 1.1/4" - 11 BSP | 88.5 | 29.5 | 50 | 20G2OFBSPORX | £25.48 | € 34.40 |
| -24 | 40 | 1.1/2 | G 1.1/2" - 11 BSP | 125 | 51.3 | 55 | 24GSP24FBSPORX | £20.77 | € 28.04 |
| -32 | 50 | 2 | G 2" -11 BSP | 152 | 60 | 70 | 32GSP32FBSPORX | £28.83 | € 38.91 |

# BSP FBSPORX45



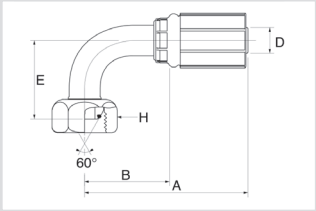

Female BSP '0' ring swivel. 60° cone. 45° swept elbow.
Drop dimensions meet ISO 12151-6.

www.flowfitonline.com
TECH. DATA SHEET
GH01

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | G 1/4" - 19 B513 | 57.1 | 31.1 | 11.5 | 19 | 4G4FBSPORX45 | £4.35 | € 5.88 |
| -4 | 6 | 1/4 | G 3/8" - 19 B513 | 63.2 | 37.1 | 17.7 | 22 | 4G6FBSPORX45 | £5.46 | € 7.38 |
| -5 | 8 | 5/16 | G 3/8" -19 B513 | 66.6 | 38.6 | 16.8 | 22 | 5G6FBSPORX45 | £6.19 | € 8.36 |
| -6 | 10 | 3/8 | G 3/8" -19 B513 | 66.9 | 39 | 15.2 | 22 | 6G6FBSPORX45 | £4.29 | € 5.79 |
| -6 | 10 | 3/8 | G 1/2" -14 B513 | 71 | 43 | 19.3 | 27 | 6G8FBSPORX45 | £5.83 | € 7.87 |
| -8 | 12 | 1/2 | G 1/2" -14 B513 | 81.3 | 43.9 | 17 | 27 | 8G8FBSPORX45 | £5.18 | € 7.00 |
| -8 | 12 | 1/2 | G 5/8" - 14 B513 | 91 | 53.5 | 23 | 30 | 8G 10FB5 PORX45 | £9.47 | € 12.79 |
| -10 | 16 | 5/8 | G 5/8" - 14 B513 | 89.6 | 52.1 | 21.3 | 30 | 10G 10FB5 PORX45 | £7.11 | € 9.59 |
| -10 | 16 | 5/8 | G 3/4" - 14 B513 | 99.5 | 62 | 31.2 | 32 | 10G 12FBSPORX45 | £11.89 | € 16.05 |
| -12 | 20 | 3/4 | G 3/4" - 14 B513 | 115.4 | 64.4 | 28.3 | 32 | 12G12FBSPORX45 | £8.78 | € 11.86 |
| -16 | 25 | 1 | G 1" - 11 B513 | 135.6 | 78.8 | 30.9 | 41 | 16G 16FB5 PORX45 | £14.54 | € 19.62 |
| -20 | 32 | 1.1/4 | G 1.1/4" - 11 B513 | 139.6 | 93.4 | 37.5 | 50 | 20G2OFBSPORX45 | £31.14 | € 42.03 |
| -24 | 40 | 1.1/2 | G 1.1/2"- 11 B513 | 214.5 | 140.8 | 49.7 | 55 | 24G51324FBSPORX45 | £31.49 | € 42.52 |
| -32 | 50 | 2 | G 2" -11 B513 | 276.1 | 184.1 | 62.3 | 70 | 32G51332FBSPORX45 | £45.66 | € 61.65 |

# BSP FBSPORX90

www.flowfitonline.com
TECH. DATA SHEET
GH01

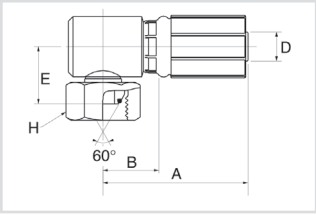



Female BSP '0' ring swivel. 60° cone. 90° swept elbow.
Drop dimensions meet ISO 12151-6.

| D | | | | A | B | E | H | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | G 1/4" -19 B513 | 52.5 | 26.5 | 23.3 | 19 | 4G4FBSPORX90 | £4.92 | € 6.65 |
| -4 | 6 | 1/4 | G 3/8" -19 B513 | 50.6 | 24.3 | 32 | 22 | 4G6FBSPORX90 | £5.05 | € 6.83 |
| -5 | 8 | 5/16 | G 3/8" -19 B513 | 58 | 30 | 32 | 22 | 5G6FBSPORX90 | £7.43 | € 10.03 |
| -6 | 10 | 3/8 | G 3/8" -19 B513 | 61.9 | 34 | 32 | 22 | 6G6FBSPORX90 | £4.99 | € 6.74 |
| -6 | 10 | 3/8 | G 1/2" - 14 B513 | 60.1 | 32.2 | 37.5 | 27 | 6G8FBSPORX90 | £6.50 | € 8.78 |
| -8 | 12 | 1/2 | G 1/2" - 14 B513 | 78 | 40.5 | 37.3 | 27 | 8G8FBSPORX90 | £6.04 | € 8.15 |
| -8 | 12 | 1/2 | G 5/8" - 14 B513 | 81.5 | 44 | 46 | 30 | 8G1OFBSPORX90 | £11.52 | € 15.55 |
| -10 | 16 | 5/8 | G 5/8" - 14 B513 | 84.1 | 46.6 | 46 | 30 | 10G1OFBSPORX90 | £8.66 | € 11.70 |
| -10 | 16 | 5/8 | G 3/4" - 14 B513 | 84.1 | 46.6 | 60 | 32 | 10G12FBSPORX90 | £14.45 | € 19.50 |
| -12 | 20 | 3/4 | G 3/4" - 14 B513 | 107 | 56 | 60 | 32 | 12G12FBSPORX90 | £10.56 | € 14.26 |
| -12 | 20 | 3/4 | G 1"- 11 B513 | 112.2 | 61.2 | 70 | 41 | 12G16FBSPORX90 | £19.25 | € 25.98 |
| -16 | 25 | 1 | G 3/4" -14 B513 | 108.8 | 52 | 54.1 | 32 | 16G12FBSPORX90 | £28.00 | € 37.81 |
| -16 | 25 | 1 | G 1"- 11 B513 | 131.1 | 74.3 | 70 | 41 | 16G16FBSPORX90 | £17.44 | € 23.54 |
| -20 | 32 | 1.1/4 | G 1.1/4" - 11 B513 | 129.1 | 82.8 | 80 | 50 | 20G2OFBSPORX90 | £37.22 | € 50.24 |
| -24 | 40 | 1.1/2 | G 1.1/2" - 11 B513 | 194.6 | 120.9 | 100 | 55 | 24G51324FBSPORX90 | £37.66 | € 50.84 |
| -32 | 50 | 2 | G 2" -11 B513 | 254.7 | 162.7 | 129.1 | 70 | 32G51332FBSPORX90 | £42.09 | € 56.82 |

# BSP FBSPORX90BL

www.flowfitonline.com
TECH. DATA SHEET
GH01

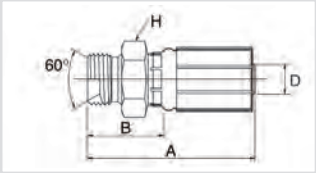



Female BSP '0' ring swivel. 60° cone. 90° block elbow.

| D | | | | A | B | E | H | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | G 1/4" - 19 B513 | 44.2 | 18.2 | 18 | 19 | 4G4FBSPORX9OBL | £5.23 | € 7.05 |
| -4 | 6 | 1/4 | G 3/8" - 19 B513 | 46 | 20 | 21.5 | 22 | 4G6FBSPORX9OBL | £7.12 | € 9.61 |
| -6 | 10 | 3/8 | G 3/8" - 19 B513 | 47.9 | 20 | 21.5 | 22 | 6G6FBSPORX9OBL | £6.34 | € 8.55 |
| -6 | 10 | 3/8 | G 1/2" - 14 B513 | 51.4 | 23.5 | 24 | 27 | 6G8FBSPORX9OBL | £8.00 | € 10.80 |
| -8 | 12 | 1/2 | G 1/2" - 14 B513 | 55.9 | 23.5 | 24 | 27 | 8G8FBSPORX9OBL | £7.88 | € 10.65 |
| -8 | 12 | 1/2 | G 5/8" - 14 B513 | 55.9 | 23.5 | 25.2 | 30 | 8G1OFBSPORX9OBL | £14.07 | € 19.00 |
| -10 | 16 | 5/8 | G 5/8" - 14 B513 | 62.4 | 24.9 | 27.6 | 30 | 10G1OFBSPORX9OBL | £17.77 | € 23.99 |
| -12 | 20 | 3/4 | G 3/4" - 14 B513 | 78 | 27 | 34.7 | 32 | 12G12FBSPORX9OBL | £12.67 | € 17.11 |
| -16 | 25 | 1 | G 3/4" - 14 B513 | 86.2 | 29.4 | 37.8 | 32 | 16G12FBSPORX9OBL | £25.28 | € 34.13 |
| -16 | 25 | 1 | G 1" -11 B513 | 80.5 | 34.6 | 36.1 | 41 | 16G16FBSPORX9OBL | £18.21 | € 24.58 |

# BSP MBSPP

www.flowfitonline.com
TECH. DATA SHEET
GH01

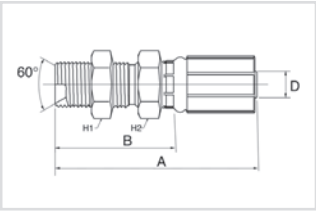



Male BSP parallel. 60° inverted cone.

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | G 1/4" - 19 BSP | 51.5 | 25.8 | 19 | 4G4MBSPP | £2.97 | € 4.01 |
| -4 | 6 | 1/4 | G 3/8" -19 BSP | 51.8 | 25.8 | 22 | 4G6MBSPP | £3.24 | € 4.37 |
| -4 | 6 | 1/4 | G 1/2" -14 BSP | 59.5 | 33.5 | 27 | 4G8MBSPP | £4.34 | € 5.86 |
| -5 | 8 | 5/16 | G 1/4" -19 BSP | 53.5 | 25.5 | 19 | 5G4MBSPP | £9.31 | € 12.57 |
| -5 | 8 | 5/16 | G 3/8" -19 BSP | 53.8 | 25.8 | 22 | 5G6MBSPP | £5.18 | € 7.00 |
| -6 | 10 | 3/8 | G 1/4" -19 BSP | 52 | 24.1 | 19 | 6G4MBSPP | £14.25 | € 19.23 |
| -6 | 10 | 3/8 | G 3/8" -19 BSP | 55 | 27.1 | 22 | 6G6MBSPP | £2.58 | € 3.49 |
| -6 | 10 | 3/8 | G 1/2" -14 BSP | 60 | 32.1 | 27 | 6G8MBSPP | £3.67 | € 4.96 |
| -8 | 12 | 1/2 | G 3/8" -19 BSP | 63.5 | 26 | 22 | 8G6MBSPP | £4.71 | € 6.36 |
| -8 | 12 | 1/2 | G 1/2" -14 BSP | 69 | 31.5 | 27 | 8G8MBSPP | £3.24 | € 4.37 |
| -8 | 12 | 1/2 | G 5/8" -14 BSP | 71 | 33.5 | 30 | 8G1OMBSPP | £10.78 | € 14.55 |
| -10 | 16 | 5/8 | G 5/8" -14 BSP | 73.5 | 36 | 30 | 10G1OMBSPP | £6.71 | € 9.05 |
| -10 | 16 | 5/8 | G 3/4" -14 BSP | 71.5 | 34 | 32 | 10G12MBSPP | £6.43 | € 8.67 |
| -12 | 20 | 3/4 | G 3/4" -14 BSP | 85 | 34 | 32 | 12G12MBSPP | £6.54 | € 8.83 |
| -16 | 25 | 1 | G 1" -11 BSP | 101 | 44.2 | 41 | 16G16MBSPP | £10.09 | € 13.62 |
| -20 | 32 | 1.1/4 | G 1"- 11 BSP | 104.5 | 45.5 | 46 | 20G16MBSPP | £28.98 | € 39.12 |
| -20 | 32 | 1.1/4 | G 1.1 AV - 11 BSP | 110 | 51 | 50 | 20G2OMBSPP | £34.65 | € 46.77 |
| -24 | 40 | 1.1/2 | G 1.1/2" - 11 BSP | 130 | 56.4 | 55 | 24GSP24MBSPP | £27.46 | € 37.08 |
| -32 | 50 | 2 | G 2"- 11 BSP | 148.8 | 56.8 | 70 | 32GSP32MBSPP | £91.45 | € 123.47 |

# BSP MBSPPBKHD

www.flowfitonline.com
TECH. DATA SHEET
GH01

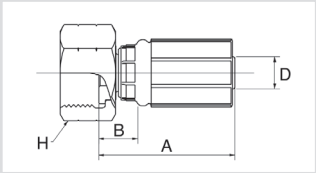



Male BSP parallel. 60° inverted cone (Bulkhead).

| D | | | | A | B | H1 | H2 | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | G 3/8" -19 BSP | 74 | 46.1 | 22 | 22 | 6G6MBSPPBKHD | £15.03 | € 20.29 |
| -8 | 12 | 1/2 | G 1/2" - 14 BSP | 88.5 | 51 | 27 | 27 | 8G8MBSPPBKHD | £18.82 | € 25.41 |
| -10 | 16 | 5/8 | G 5/8" -14 BSP | 90.5 | 53 | 30 | 30 | 10G1OMBSPPBKHD | £22.62 | € 30.53 |
| -12 | 20 | 3/4 | G 3/4" - 14 BSP | 104 | 53 | 32 | 32 | 12G12MBSPPBKHD | £24.60 | € 33.21 |
| -16 | 25 | 1 | G 1" - 11 BSP | 121.2 | 64.4 | 41 | 41 | 16G16MBSPPBKHD | £30.20 | € 40.77 |

# BSP FBFFX

www.flowfitonline.com
TECH. DATA SHEET
GH01

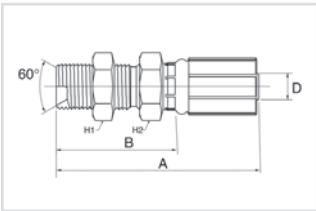



Female BSP flat face swivel.

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -5 | 8 | 5/16 | G 1/2" - 14 BSP | 45.5 | 17.5 | 27 | 5G8FBFFX | £11.65 | € 15.74 |
| -6 | 10 | 3/8 | G 3/8" - 19 BSP | 46 | 18.1 | 22 | 6G6FBFFX | £5.85 | € 7.91 |
| -6 | 10 | 3/8 | G 1/2" - 14 BSP | 45.5 | 17.6 | 27 | 6G8FBFFX | £3.78 | € 5.11 |
| -8 | 12 | 1/2 | G 1/2" - 14 BSP | 55.5 | 18 | 27 | 8G8FBFFX | £4.50 | € 6.08 |
| -8 | 12 | 1/2 | G 5/8" -14 BSP | 56 | 18.5 | 30 | 8G1OFBFFX | £13.18 | € 17.79 |
| -8 | 12 | 1/2 | G 3/4" - 14 BSP | 52.5 | 15 | 32 | 8G12FBFFX | £11.11 | € 15.00 |
| -10 | 16 | 5/8 | G 3/4" - 14 BSP | 52.5 | 15 | 32 | 10G12FBFFX | £7.20 | € 9.72 |
| -12 | 20 | 3/4 | G 3/4" - 14 BSP | 68.5 | 17.5 | 32 | 12G12FBFFX | £7.69 | € 10.38 |

# JIC 37° FJX

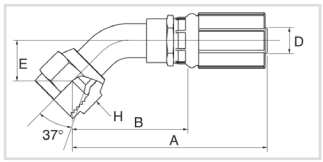
www.flowfitonline.com
TECH. DATA SHEET
GH01




Female JIC swivel. 37° inverted cone.

| D | | | | A | B | H1 | H2 | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 7/16" - 20 UNF | 69.7 | 43.7 | 10 | 14 | 4G4FX 455 | £4.91 | € 6.63 |
| -4 | 6 | 1/4 | 1/2" - 20 UNF | 65.8 | 39.7 | 11 | 17 | 4G5FX 45-011 | £6.71 | € 9.05 |
| -4 | 6 | 1/4 | 9/16" - 18 UNF | 77.8 | 51.8 | 11 | 19 | 4G6FX 455 | £4.21 | € 5.69 |
| -5 | 8 | 5/16 | 1/2" - 20 UNF | 68.3 | 40.3 | 11 | 17 | 5G5FX 45-011 | £12.91 | € 17.42 |
| -5 | 8 | 5/16 | 9/16" - 18 UNF | 72.4 | 44.4 | 11 | 19 | 5G6FX 455 | £5.67 | € 7.66 |
| -6 | 10 | 3/8 | 7/16" - 20 UNF | 72.7 | 44.8 | 10 | 14 | 6G4FX 455 | £5.32 | € 7.19 |
| -6 | 10 | 3/8 | 9/16" - 18 UNF | 77.5 | 49.6 | 11 | 19 | 6G6FX 455 | £4.13 | € 5.57 |
| -6 | 10 | 3/8 | 3/4" - 16 UNF | 89.1 | 61.6 | 15 | 24 | 6G8FX 455 | £5.32 | € 7.19 |
| -8 | 12 | 1/2 | 3/4" - 16 UNF | 86.9 | 49.5 | 15 | 24 | 8G8FX 455 | £5.39 | € 7.28 |
| -8 | 12 | 1/2 | 7/8" - 14 UNF | 96.8 | 59.4 | 16 | 27 | 8G1OFX 455 | £6.76 | € 9.13 |
| -10 | 16 | 5/8 | 7/8" - 14 UNF | 96.4 | 59 | 16 | 27 | 10G1OFX 455 | £6.18 | € 8.34 |
| -10 | 16 | 5/8 | 1.1/16" - 12 UN | 116 | 78.5 | 21 | 32 | 10G12FX 455 | £8.31 | € 11.21 |
| -12 | 20 | 3/4 | 7/8" - 14 UNF | 116.3 | 65.3 | 19 | 27 | 12G1OFX 455 | £33.51 | € 45.24 |
| -12 | 20 | 3/4 | 1.1/16" - 12 UN | 129.2 | 78.2 | 21 | 32 | 12G12FX 455 | £9.29 | € 12.54 |
| -12 | 20 | 3/4 | 1.5/16" - 12 UN | 133.1 | 82.1 | 24 | 41 | 12G16FX 455 | £21.27 | € 28.71 |
| -16 | 25 | 1 | 1.5/16" - 12 UN | 144.3 | 87.5 | 24 | 41 | 16G16FX 455 | £15.21 | € 20.53 |

# JIC 37° FJX45S

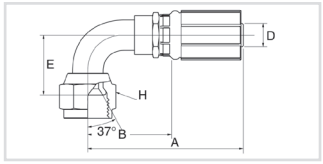



Female JIC swivel. 37° inverted cone.
45° swept elbow. Short drop (-4 to -16 drop dimensions meet ISO 12151-5).

www.flowfitonline.com
TECH. DATA SHEET
GH01

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 7/16" - 20 UNF | 70. | 44. | 10.0 | 14.0 | 4G4FX 455 | £4.91 | € 6.63 |
| -4 | 6 | 1/4 | 1/2" - 20 UNF | 66. | 40. | 11.0 | 17.0 | 4G5FX 45-011 | £6.71 | € 9.05 |
| -4 | 6 | 1/4 | 9/16" - 18 UNF | 78. | 52. | 11.0 | 19.0 | 4G6FX 455 | £4.21 | € 5.69 |
| -5 | 8 | 5/16 | 1/2" - 20 UNF | 68. | 40. | 11.0 | 17.0 | 5G5FX 45-011 | £12.90 | € 17.41 |
| -5 | 8 | 5/16 | 9/16" - 18 UNF | 72. | 44. | 11.0 | 19.0 | 5G6FX 455 | £5.66 | € 7.64 |
| -6 | 10 | 3/8 | 7/16" - 20 UNF | 73. | 45. | 10.0 | 14.0 | 6G4FX 455 | £5.32 | € 7.19 |
| -6 | 10 | 3/8 | 9/16" - 18 UNF | 78. | 50. | 11.0 | 19.0 | 6G6FX 455 | £4.14 | € 5.58 |
| -6 | 10 | 3/8 | 3/4" - 16 UNF | 89. | 62. | 15.0 | 24.0 | 6G8FX 455 | £5.32 | € 7.19 |
| -8 | 12 | 1/2 | 3/4" - 16 UNF | 87. | 50. | 15.0 | 24.0 | 8G8FX 455 | £5.39 | € 7.28 |
| -8 | 12 | 1/2 | 7/8" - 14 UNF | 97. | 59. | 16.0 | 27.0 | 8G1OFX 455 | £6.76 | € 9.13 |
| -10 | 16 | 5/8 | 7/8" - 14 UNF | 96. | 59.0 | 16.0 | 27.0 | 10G1OFX 455 | £6.19 | € 8.36 |
| -10 | 16 | 5/8 | 1.1/16" - 12 UN | 116.0 | 79. | 21.0 | 32.0 | 10G12FX 455 | £8.31 | € 11.21 |
| -12 | 20 | 3/4 | 7/8" - 14 UNF | 116. | 65. | 19.0 | 27.0 | 12G1OFX 455 | £33.51 | € 45.24 |
| -12 | 20 | 3/4 | 1.1/16" - 12 UN | 129. | 78. | 21.0 | 32.0 | 12G12FX 455 | £9.29 | € 12.54 |
| -12 | 20 | 3/4 | 1.5/16" - 12 UN | 133. | 82. | 24.0 | 41.0 | 12G16FX 455 | £21.27 | € 28.71 |
| -16 | 25 | 1 | 1.5/16" - 12 UN | 144. | 88. | 24.0 | 41.0 | 16G16FX 455 | £15.21 | € 20.53 |
| -20 | 32 | 1.1/4 | 1.5/8" - 12 UN | 169.0 | 110.0 | 35.0 | 51. | 20G20FX 45 | £35.80 | € 48.33 |

# JIC 37° FJX90S



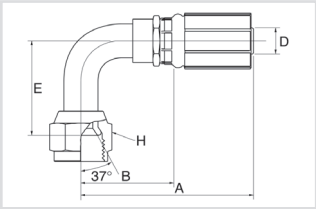

Female JIC swivel. 37° inverted cone. 90° swept elbow.
Short drop (-4 to -16 drop dimensions meet ISO 12151-5).

www.flowfitonline.com
TECH. DATA SHEET
GH01

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 7/16"- 20 UNF | 63.1 | 37.1 | 21 | 14 | 4G4FX 905 | £4.76 | € 6.43 |
| -4 | 6 | 1/4 | 1/2"- 20 UNF | 62.2 | 36.2 | 23 | 17 | 4G5FX 90-023 | £6.44 | € 8.69 |
| -4 | 6 | 1/4 | 9/16"- 18 UNF | 70.5 | 44.4 | 23 | 19 | 4G6FX 905 | £4.40 | € 5.93 |
| -5 | 8 | 5/16 | 9/16"- 18 UNF | 75.2 | 47.2 | 23 | 19 | 5G6FX 905 | £19.05 | € 25.71 |
| -6 | 10 | 3/8 | 7/16"- 20 UNF | 66.1 | 38.2 | 21 | 14 | 6G4FX 905 | £5.32 | € 7.19 |
| -6 | 10 | 3/8 | 9/16"- 18 UNF | 74.2 | 46.3 | 23 | 19 | 6G6FX 905 | £4.11 | € 5.55 |
| -6 | 10 | 3/8 | 3/4"- 16 UNF | 82.6 | 54.7 | 29 | 24 | 6G8FX 905 | £5.13 | € 6.92 |
| -8 | 12 | 1/2 | 9/16"- 18 UNF | 77.3 | 39.9 | 41 | 24 | 8G6FX 905 | £5.92 | € 7.99 |
| -8 | 12 | 1/2 | 3/4"- 16 UNF | 81 | 43.5 | 29 | 24 | 8G8FX 905 | £4.87 | € 6.58 |
| -8 | 12 | 1/2 | 7/8"- 14 UNF | 93.3 | 55.8 | 32 | 27 | 8G1OFJ X905 | £6.69 | € 9.03 |
| -8 | 12 | 1/2 | 1.1/16"- 12 UN | 107.5 | 70 | 48 | 32 | 8G12FJ X905 | £16.49 | € 22.26 |
| -10 | 16 | 5/8 | 7/8"- 14 UNF | 89 | 51.5 | 36 | 27 | 10G1OFX 90-036 | £6.75 | € 9.12 |
| -10 | 16 | 5/8 | 1.1/16"- 12 UN | 106.1 | 68.6 | 48 | 32 | 10G12FJ X905 | £8.31 | € 11.21 |
| -12 | 20 | 3/4 | 1.1/16"- 12 UN | 122.4 | 71.4 | 48 | 32 | 12G12FJ X905 | £8.76 | € 11.83 |
| -12 | 20 | 3/4 | 1.3/16"- 12 UN | 124 | 73 | 54 | 36 | 12G14FX 90-054 | £14.37 | € 19.41 |
| -12 | 20 | 3/4 | 1.5/16"- 12 UN | 132.7 | 81.7 | 56 | 41 | 12G16FJ X905 | £24.73 | € 33.39 |
| -16 | 25 | 1 | 1.5/16"- 12 UN | 145.6 | 88.8 | 56 | 41 | 16G16FX 905 | £14.69 | € 19.83 |
| -16 | 25 | 1 | 1.5/8"- 12 UN | 167 | 110.2 | 75 | 50.8 | 16G2OFX 905 | £29.58 | € 39.94 |

# JIC 37° FJX9OM

www.flowfitonline.com
TECH. DATA SHEET
GH01

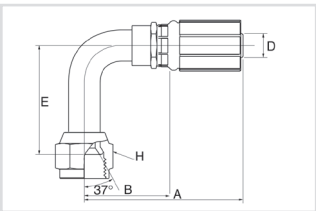



Female JIC swivel. 37° inverted cone. 90° swept elbow.
Medium drop (-4 to -20 drop dimensions meet ISO 12151-5).

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | “ | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 7/16 - 20 UNF | 63. | 37. | 32.0 | 14.0 | 4G4FX 9OM | £4.91 | € 6.63 |
| -4 | 6 | 1/4 | 1/2” - 20 UNF | 57. | 31. | 32.0 | 17.0 | 4G5FX 9OM | £5.93 | € 8.00 |
| -4 | 6 | 1/4 | 9/16” - 18 UNF | 65. | 39. | 38.0 | 19.0 | 4G6FX 9OM | £5.57 | € 7.53 |
| -5 | 8 | 5/16 | 1/2” - 20 UNF | 56.0 | 28.0 | 29. | 16. | 5G5FX 9OM | £7.75 | € 10.47 |
| -5 | 8 | 5/16 | 9/16” -18 UNF | 76.0 | 48.0 | 38.0 | 19.0 | 5G6FX 9OM | £5.78 | € 7.80 |
| -6 | 10 | 3/8 | 9/16” -18 UNF | 74. | 46. | 38.0 | 19.0 | 6G6FX 9OM | £4.24 | € 5.73 |
| -6 | 10 | 3/8 | 3/4” -16 UNF | 84. | 56. | 41.0 | 24.0 | 6G8FX 9OM | £5.27 | € 7.12 |
| -6 | 10 | 3/8 | 7/8” -14 UNF | 83. | 55. | 47.0 | 27.0 | 6G1OFX 9OM | £20.27 | € 27.37 |
| -8 | 12 | 1/2 | 3/4” - 16 UNF | 77. | 40. | 41.0 | 24.0 | 8G8FX 9OM | £5.02 | € 6.78 |
| -8 | 12 | 1/2 | 7/8” - 14 UNF | 93. | 56. | 47.0 | 27.0 | 8G1OFX 9OM | £7.72 | € 10.42 |
| -10 | 16 | 5/8 | 7/8” -14 UNF | 93. | 56. | 47.0 | 27.0 | 10G1OFX 9OM | £6.96 | € 9.39 |
| -10 | 16 | 5/8 | 1.1/16” - 12 UN | 102. | 64. | 58.0 | 32.0 | 10G12FX 9OM | £9.59 | € 12.95 |
| -12 | 20 | 3/4 | 7/8” -14 UNF | 114. | 63. | 47.0 | 27.0 | 12G1OFX 9OM | £27.30 | € 36.86 |
| -12 | 20 | 3/4 | 1.1/16” - 12 UN | 122. | 71. | 58.0 | 32.0 | 12G12FX 9OM | £9.04 | € 12.20 |
| -16 | 25 | 1 | 1.5/16” - 12 UN | 120.0 | 63. | 67. | 38. | 16G16FX 9OM | £15.16 | € 20.47 |
| -20 | 32 | 1.1/4 | 1.5/8” -12 UN | 138.0 | 79.0 | 89. | 51. | 20G2OFX 9OM | £22.97 | € 31.01 |
| -24 | 40 | 1.1/2 | 1.7/8” - 12 UN | 212.0 | 138. | 89.0 | 60.0 | 24G51324FX 90-089 | £35.08 | € 47.36 |
| -32 | 50 | 2 | 2.1/2” - 12 UN | 272.0 | 180. | 140.0 | 75.0 | 32G51332FX 90 | £42.35 | € 57.16 |

# JIC 37° FJX9OL

www.flowfitonline.com
TECH. DATA SHEET
GH01

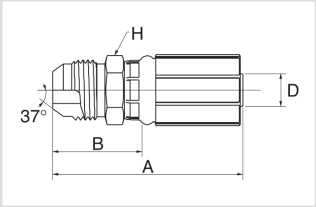



Female JIC swivel. 37° inverted cone. 90° swept elbow.
Long drop (-4 to -20 drop dimensions meet ISO 12151-5).

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | “ | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 7/16” - 20 UNF | 63.1 | 37.1 | 46 | 14 | 4G4FX 9OL | £5.90 | € 7.96 |
| -4 | 6 | 1/4 | 1/2” - 20 UNF | 57.2 | 31.2 | 46 | 17 | 4G5FX 9OL | £6.26 | € 8.46 |
| -4 | 6 | 1/4 | 9/16” -18 UNF | 69.3 | 43.2 | 54 | 19 | 4G6FX 9OL | £6.59 | € 8.90 |
| -6 | 10 | 3/8 | 7/16” - 20 UNF | 60.2 | 323 | 46 | 14 | 6G4FX 9OL | £6.73 | € 9.08 |
| -6 | 10 | 3/8 | 9/16” -18 UNF | 74.2 | 46.3 | 54 | 19 | 6G6FX 9OL | £4.88 | € 6.59 |
| -6 | 10 | 3/8 | 3/4” -16 UNF | 84.5 | 56.6 | 64 | 24 | 6G8FX 9OL | £9.29 | € 12.54 |
| -8 | 12 | 1/2 | 3/4” -16 UNF | 77.3 | 39.9 | 64 | 24 | 8G8FX 9OL | £6.77 | € 9.14 |
| -8 | 12 | 1/2 | 7/8” -14 UNF | 93.3 | 55.8 | 70 | 27 | 8G1OFX 9OL | £7.94 | € 10.71 |
| -10 | 16 | 5/8 | 7/8” -14 UNF | 85.9 | 48.4 | 70 | 27 | 10G1OFX 9OL | £12.29 | € 16.59 |
| -10 | 16 | 5/8 | 1.1/16” -12 UN | 116.5 | 79 | 96 | 32 | 10G12FX 9OL | £17.92 | € 24.19 |
| -12 | 20 | 3/4 | 1.1/16” - 12 UN | 122.4 | 71.4 | 96 | 32 | 12G12FX 9OL | £10.40 | € 14.04 |
| -12 | 20 | 3/4 | 1.3/16” - 12 UN | 107.4 | 56.4 | 100 | 36 | 12G14FX 90-100 | £18.22 | € 24.59 |
| -16 | 25 | 1 | 1.5/16” - 12 UN | 114.9 | 58.1 | 110 | 38.1 | 16G16FX 9OL | £15.55 | € 21.00 |
| -20 | 32 | 1.1/4 | 1.5/8” - 12 UN | 158 | 99 | 129 | 50.8 | 20G2OFX 9OL | £26.92 | € 36.35 |

# JIC 37° MJ

www.flowfitonline.com
TECH. DATA SHEET
GH01

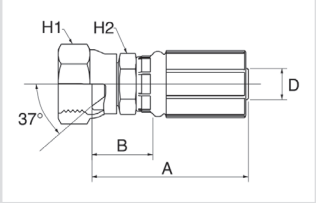



Male ⅈ C parallel. 37° cone.

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 7/16" - 20 UNF | 55.5 | 29.5 | 14 | 4G4MJ | £2.48 | € 3.36 |
| -4 | 6 | 1/4 | 1/2" - 20 UNF | 55.5 | 29.5 | 14 | 4G5MJ | £3.53 | € 4.76 |
| -4 | 6 | 1/4 | 9/16" - 18 UNF | 56.5 | 30.5 | 17 | 4G6MJ | £4.40 | € 5.93 |
| -5 | 8 | 5/16 | 1/2" - 20 UNF | 57.5 | 295 | 17 | 5G5MJ | £3.94 | € 5.32 |
| -5 | 8 | 5/16 | 9/16" -18 UNF | 57.5 | 29.5 | 17 | 5G6MJ | £3.48 | € 4.70 |
| -6 | 10 | 3/8 | 9/16" -18 UNF | 58.5 | 30.6 | 17 | 6G6MJ | £2.55 | € 3.45 |
| -6 | 10 | 3/8 | 3/4" -16 UNF | 63 | 35.1 | 19 | 6G8MJ | £3.02 | € 4.08 |
| -6 | 10 | 3/8 | 7/8" - 14 UNF | 67 | 39.1 | 24 | 6G10MJ | £4.70 | € 6.34 |
| -8 | 12 | 1/2 | 3/4" - 16 UNF | 71.5 | 34 | 22 | 8G8MJ | £3.28 | € 4.43 |
| -8 | 12 | 1/2 | 7/8" - 14 UNF | 74 | 36.5 | 24 | 8G10MJ | £3.75 | € 5.05 |
| -8 | 12 | 1/2 | 1.1/16"- 12 UN | 81 | 43.5 | 27 | 8G12MJ | £6.61 | € 8.92 |
| -10 | 16 | 5/8 | 3/4" -16 UNF | 74.5 | 37 | 24 | 10G8MJ | £12.63 | € 17.04 |
| -10 | 16 | 5/8 | 7/8" - 14 UNF | 77 | 39.5 | 24 | 10G10MJ | £5.12 | € 6.91 |
| -10 | 16 | 5/8 | 1.1/16" -12 UN | 81 | 43.5 | 27 | 10G12MJ | £6.99 | € 9.43 |
| -12 | 20 | 3/4 | 1.1/16"-12 UN | 94.5 | 43.5 | 27 | 12G12MJ | £5.73 | € 7.74 |
| -12 | 20 | 3/4 | 1.3/16" - 12 UN | 95.5 | 44.5 | 32 | 12G14MJ | £9.72 | € 13.12 |
| -12 | 20 | 3/4 | 1.5/16" - 12 UN | 96 | 45 | 36 | 12G16MJ | £8.23 | € 11.11 |
| -16 | 25 | 1 | 1.5/16" - 12 UN | 104.5 | 47.7 | 36 | 16G16MJ | £8.37 | € 11.30 |
| -16 | 25 | 1 | 1.5/8" -12 UN | 109 | 52.2 | 44.5 | 16G20MJ | £23.13 | € 31.23 |
| -20 | 32 | 1.1/4 | 1.5/8" - 12 UN | 112.5 | 535 | 44.5 | 20G20MJ | £32.49 | € 43.86 |
| -24 | 40 | 1.1/2 | 1.7/8" - 12 UN | 130 | 56.4 | 50 | 24GSP24MJ | £25.73 | € 34.73 |
| -32 | 50 | 2 | 2.1/2" - 12 UN | 161.1 | 69.1 | 65 | 32GSP32MJ | £34.79 | € 46.96 |

# JIS FJISX

www.flowfitonline.com
TECH. DATA SHEET
GH01

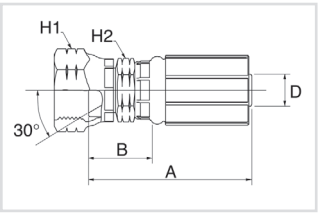



Female Japanese swivel. 30° inverted cone. BSP thread.

| D | | | | A | B | H1 | H2 | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | G 1/4" - 19 BSP | 47.0 | 21.0 | 19. | 19. | 4G4Fⅈ SX | £6.15 | € 8.29 |
| -6 | 10 | 3/8 | G 3/8" -19 BSP | 52.0 | 24. | 22.0 | 17.0 | 6G6Fⅈ SX | £5.72 | € 7.73 |
| -8 | 12 | 1/2 | G 1/2" - 14 BSP | 68. | 30. | 27.0 | 22.0 | 8G8Fⅈ SX | £6.94 | € 9.37 |
| -12 | 20 | 3/4 | G 3/4" - 14 BSP | 81. | 30. | 36.0 | 30.0 | 12G12Fⅈ SX | £11.36 | € 15.34 |
| -16 | 25 | 1 | G 1" - 11 BSP | 94.0 | 37. | 41.0 | 41.0 | 16G16Fⅈ SX | £15.31 | € 20.67 |

# JIS FKX

www.flowfitonline.com
TECH. DATA SHEET
GH01

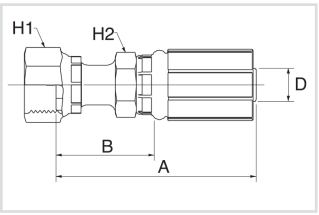



Female Japanese swivel. 30° inverted cone. Metric thread.

| D | | | | A | B | H1 | H2 | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | M14 x 1.5 | 46.5 | 20.5 | 19.1 | 14.3 | 4G4FKX | £6.39 | € 8.63 |
| -6 | 10 | 3/8 | M18 x 1.5 | 52 | 24.1 | 22.2 | 17.5 | 6G6FKX | £6.42 | € 8.66 |
| -8 | 12 | 1/2 | M22 x 1.5 | 61.5 | 24 | 27 | 22 | 8G8FKX | £8.33 | € 11.24 |
| -10 | 16 | 5/8 | M24 x 1.5 | 63.5 | 26 | 32 | 24 | 10G1OFKX | £8.33 | € 11.24 |
| -12 | 20 | 3/4 | M30 x 1.5 | 82.3 | 31.3 | 36 | 30 | 12G12FKX | £10.80 | € 14.58 |
| -16 | 25 | 1 | M33 x 1.5 | 92.5 | 35.7 | 41.3 | 34.9 | 16G16FKX | £15.66 | € 21.15 |
| -20 | 32 | 1.1/4 | M36 x1.5 | 105 | 46 | 50.8 | 44.5 | 20G2OFKX | £43.50 | € 58.73 |

# SAE FFORX

www.flowfitonline.com
TECH. DATA SHEET
GH01

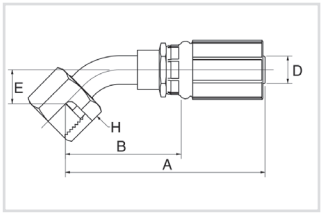



Female SAE flat face '0' ring swivel.

| D | | | | A | B | H1 | H2 | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 9/16" - 18 UNF | 52.7 | 26.7 | 17.0 | 15.0 | 4G4FFORX | £3.21 | € 4.33 |
| -4 | 6 | 1/4 | 11/16" - 16 UN | 51.1 | 25.1 | 22.0 | 15.0 | 4G6FFORX | £4.64 | € 6.27 |
| -4 | 6 | 1/4 | 13/16" -16 UN | 50.5 | 24.5 | 24.0 | 15.0 | 4G8FFORX | £10.36 | € 13.99 |
| -5 | 8 | 5/16 | 11/16" - 16 UN | 61.5 | 33.5 | 22.0 | 17.0 | 5G6FFORX | £5.35 | € 7.21 |
| -6 | 10 | 3/8 | 9/16" -18 UNF | 78.3 | 50.3 | 17.0 | 17.0 | 6G4FFORX | £7.84 | € 10.58 |
| -6 | 10 | 3/8 | 11/16" - 16 UN | 58. | 28.9 | 22.0 | 18.0 | 6G6FFORX | £3.97 | € 5.37 |
| -6 | 10 | 3/8 | 13/16" - 16 UN | 57. | 28.6 | 24.0 | 18.0 | 6G8FFORX | £4.44 | € 5.99 |
| -6 | 10 | 3/8 | 13/16" - 16 UN | 55. | 25.9 | 30.0 | 18.0 | 6G1OFFORX | £20.20 | € 27.27 |
| -8 | 12 | 1/2 | 11/16"- 16 UN | 95.9 | 58.4 | 22.0 | 22.0 | 8G6FFORX | £7.96 | € 10.75 |
| -8 | 12 | 1/2 | 13/16" -16 UN | 66.5 | 31.3 | 24.0 | 22.0 | 8G8FFORX | £4.61 | € 6.22 |
| -8 | 12 | 1/2 | 1" - 14 UNS | 70.0 | 34.8 | 30.0 | 22.0 | 8G1OFFORX | £8.07 | € 10.89 |
| -8 | 12 | 1/2 | 1.3/16" - 12 UN | 71.5 | 36.3 | 36.0 | 22.0 | 8G12FFORX | £13.40 | € 18.09 |
| -10 | 12 | 5/8 | 13/16" -16 UN | 97.2 | 59.7 | 24.0 | 24.0 | 10G8FFORX | £13.69 | € 18.49 |
| -10 | 16 | 5/8 | 1" - 14 UNS | 76.0 | 38.5 | 30.0 | 24.0 | 10G1OFFORX | £5.88 | € 7.93 |
| -10 | 16 | 5/8 | 1.3/16" - 12 UN | 77.0 | 39.5 | 36.0 | 24.0 | 10G12FFORX | £13.69 | € 18.49 |
| -12 | 20 | 3/4 | 1"- 14 UNS | 95. | 44.1 | 30.0 | 30.0 | 12G 1OFFORX | £16.89 | € 22.80 |
| -12 | 20 | 3/4 | 1.3/16" -12 UN | 92.8 | 41.8 | 36.0 | 30.0 | 12G12FFORX | £8.67 | € 11.71 |
| -12 | 20 | 3/4 | 1.7/16" - 12 UN | 88.3 | 37.3 | 41.0 | 30.0 | 12G16FFORX | £10.80 | € 14.58 |
| -16 | 25 | 1 | 1.7/16" - 12 UN | 110.0 | 53.2 | 41.3 | 41.0 | 16G16FFORX | £12.77 | € 17.24 |
| -16 | 25 | 1 | 1.11/16" - 12 UN | 104.5 | 47.7 | 47.6 | 41.0 | 16G2OFFORX | £33.80 | € 45.64 |
| -20 | 32 | 1.1/4 | 1.11/16" - 12 UN | 117.5 | 58.5 | 47.6 | 50.0 | 20G2OFFORX | £35.80 | € 48.33 |
| -24 | 40 | 1.1/2 | 2"- 12 UN | 137.0 | 63.4 | 60.0 | 55.0 | 24G5P24FFORX | £35.08 | € 47.36 |

# SAE FFORX45S

www.flowfitonline.com
TECH. DATA SHEET
GH01



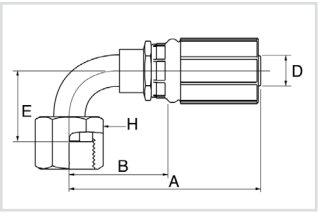

Female SAE flat face'0' ring swivel. 45° swept elbow.
Short drop (-4 to -20 drop dimensions meet ISO 12151-5).

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 9/16" - 18 UNF | 65.2 | 39.2 | 10 | 17 | 4G4FFORX45S | £4.71 | € 6.36 |
| -4 | 6 | 1/4 | 11/16"- 16 UN | 68.5 | 42.5 | 11 | 22 | 4G6FFORX45S | £5.64 | € 7.61 |
| -5 | 8 | 5/16 | 11/16"- 16 UN | 69.4 | 41.4 | 11 | 22 | 5G6FFORX45S | £9.29 | € 12.54 |
| -6 | 10 | 3/8 | 9/16" -18 UNF | 66.1 | 38.1 | 10 | 17 | 6G4FFORX45S | £12.32 | € 16.63 |
| -6 | 10 | 3/8 | 11/16"- 16 UN | 69.8 | 41.9 | 11 | 22 | 6G6FFORX45S | £5.22 | € 7.04 |
| -6 | 10 | 3/8 | 13/16" -16 UN | 85.2 | 57.3 | 15 | 24 | 6G8FFORX45S | £6.49 | € 8.76 |
| -8 | 12 | 1/2 | 11/16"- 16 UN | 90.7 | 53.2 | 11 | 22 | 8G6FFORX45S | £12.32 | € 16.63 |
| -8 | 12 | 1/2 | 13/16" -16 UN | 89 | 51.6 | 15 | 24 | 8G8FFORX45S | £6.56 | € 8.85 |
| -8 | 12 | 1/2 | 1"- 14 UNS | 101 | 63.5 | 16 | 30 | 8G1OFFORX45S | £9.74 | € 13.15 |
| -8 | 12 | 1/2 | 1.3/16" - 12 UN | 110.3 | 72.8 | 21 | 36 | 8G12FFORX45S | £18.67 | € 25.21 |
| -10 | 16 | 5/8 | 13/16" -16 UN | 96.8 | 59.3 | 15 | 24 | 10G8FFORX45S | £13.79 | € 18.62 |
| -10 | 16 | 5/8 | 1"- 14 UNS | 100.5 | 63 | 16 | 30 | 10G1OFFORX45S | £11.17 | € 15.08 |
| -10 | 16 | 5/8 | 1.3/16" -12 UN | 105.9 | 68.4 | 21 | 36 | 10G12FFORX45S | £11.94 | € 16.12 |
| -12 | 20 | 3/4 | 1"- 14 UNS | 113 | 62 | 16 | 30 | 12G1OFFORX45S | £20.11 | € 27.15 |
| -12 | 20 | 3/4 | 1.3/16" - 12 UN | 118.4 | 67.4 | 21 | 36 | 12G12FFORX45S | £10.84 | € 14.63 |
| -12 | 20 | 3/4 | 1.7/16" - 12 UN | 122 | 71 | 24 | 41 | 12G16FFORX45S | £19.39 | € 26.17 |
| -16 | 25 | 1 | 1.3/16" -12 UN | 132.5 | 75.7 | 21 | 36 | 16G12FFORX45S | £43.08 | € 58.16 |
| -16 | 25 | 1 | 1.7/16" - 12 UN | 146.9 | 90.1 | 24 | 41 | 16G16FFORX45S | £16.53 | € 22.32 |
| -20 | 32 | 1.1/4 | 1.11/16" - 12 UN | 158 | 99 | 25 | 50 | 20G2OFFORX45S | £36.33 | € 49.04 |



# SAE FFORX905

www.flowfitonline.com
TECH. DATA SHEET
GH01

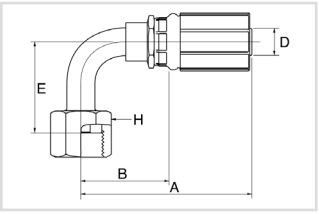



Female SAE flat face '0' ring swivel. 90° swept elbow.
Short drop (-4 to -20 drop dimensions meet ISO 12151-1).

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 9/16" - 18 UNF | 60.2 | 34.4 | 21 | 17 | 4G4FFORX905 | £6.27 | € 8.47 |
| -4 | 6 | 1/4 | 11/16" - 16 UN | 63.4 | 37.4 | 23 | 22 | 4G6FFORX905 | £5.48 | € 7.39 |
| -5 | 8 | 5/16 | 11/16" - 16 UN | 72 | 44 | 23 | 22 | 5G6FFORX905 | £9.47 | € 12.79 |
| -6 | 10 | 3/8 | 9/16" -18 UNF | 61.4 | 33.6 | 21 | 17 | 6G4FFORX905 | £8.47 | € 11.43 |
| -6 | 10 | 3/8 | 11/16" - 16 UN | 72.5 | 44.6 | 23 | 22 | 6G6FFORX905 | £5.25 | € 7.08 |
| -6 | 10 | 3/8 | 13/16" -16 UN | 73 | 45.1 | 29 | 24 | 6G8FFORX905 | £6.49 | € 8.76 |
| -8 | 12 | 1/2 | 11/16" - 16 UN | 83.5 | 46 | 23 | 22 | 8G6FFORX905 | £17.43 | € 23.53 |
| -8 | 12 | 1/2 | 13/16" - 16 UN | 83.9 | 46.5 | 29 | 24 | 8G8FFORX905 | £6.51 | € 8.79 |
| -8 | 12 | 1/2 | 1"- 14 UNS | 92.9 | 55.4 | 32 | 30 | 8G1OFFORX905 | £7.39 | € 9.97 |
| -8 | 12 | 1/2 | 1.3/16" - 12 UN | 102.9 | 65.4 | 48 | 36 | 8G12FFORX905 | £18.67 | € 25.21 |
| -10 | 16 | 5/8 | 13/16" -16 UN | 92.4 | 54.9 | 29 | 24 | 10G8FFORX905 | £13.79 | € 18.62 |
| -10 | 16 | 5/8 | 1"- 14 UNS | 92.5 | 55 | 32 | 30 | 10G1OFFORX905 | £12.42 | € 16.77 |
| -10 | 16 | 5/8 | 1.3/16" -12 UN | 96.3 | 58.8 | 48 | 36 | 10G12FFORX905 | £14.32 | € 19.33 |
| -12 | 20 | 3/4 | 1"- 14 UNS | 104 | 53 | 32 | 30 | 12G1OFFORX905 | £33.00 | € 44.56 |
| -12 | 20 | 3/4 | 1.3/16" -12 UN | 109 | 58 | 48 | 36 | 12G12FFORX905 | £10.71 | € 14.46 |
| -12 | 20 | 3/4 | 1.7/16" - 12 UN | 128.5 | 77.5 | 56 | 41 | 12G 16FFORX905 | £24.92 | € 33.63 |
| -16 | 25 | 1 | 1.3/16" - 12 UN | 129.4 | 72.6 | 48 | 36 | 16G12FFORX905 | £42.09 | € 56.82 |
| -16 | 25 | 1 | 1.7/16" - 12 UN | 129.9 | 73.1 | 56 | 41 | 16G 16FFORX905 | £16.86 | € 22.76 |
| -20 | 32 | 1.1/4 | 1.11/16"-12 UN | 150 | 91 | 64 | 50 | 20G2OFFORX905 | £29.00 | € 39.15 |

# SAL FFORX9OM

www.flowfitonline.com
TECH. DATA SHEET
GH01

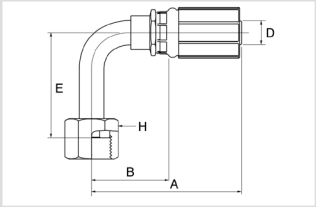



Female SAE flat face'0' ring swivel. 90° swept elbow.
Medium drop (-4 to -20 drop dimensions meet ISO 12151-1).

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 9/16" - 18 UNF | 56.2 | 30.2 | 32 | 17 | 4G4FFORX9OM | £4.16 | € 5.62 |
| -4 | 6 | 1/4 | 11/16" - 16 UN | 63.4 | 37.4 | 38 | 22 | 4G6FFORX9OM | £5.64 | € 7.61 |
| -6 | 10 | 3/8 | 11/16" -16 UN | 63.6 | 35.7 | 38 | 22 | 6G6FFORX9OM | £5.23 | € 7.05 |
| -6 | 10 | 3/8 | 13/16" -16 UN | 68.5 | 40.6 | 41 | 24 | 6G8FFORX9OM | £6.49 | € 8.76 |
| -8 | 12 | 1/2 | 13/16" -16 UN | 83.9 | 46.5 | 41 | 24 | 8G8FFORX9OM | £6.12 | € 8.26 |
| -8 | 12 | 1/2 | 1" - 14 UNS | 93.2 | 55.7 | 47 | 30 | 8G1OFFORX9OM | £7.30 | € 9.86 |
| -10 | 16 | 5/8 | 1" - 14 UNS | 92.8 | 55.3 | 47 | 30 | 10G1OFFORX9OM | £11.06 | € 14.93 |
| -12 | 20 | 3/4 | 1.3/16" - 12 UN | 109 | 58 | 58 | 36 | 12G12FFORX9OM | £11.04 | € 14.90 |
| -16 | 25 | 1 | 1.7/16" - 12 UN | 129.9 | 73.1 | 71 | 41 | 16G16FFORX9OM | £17.45 | € 23.57 |
| -16 | 25 | 1 | 1.11/16" - 12 UN | 156 | 99.2 | 78 | 50 | 16G2OFFORX9OM | £39.42 | € 53.22 |
| -20 | 32 | 1.1/4 | 1.11/16" - 12 UN | 140 | 81 | 78 | 50 | 20G2OFFORX9OM | £38.92 | € 52.54 |

# SAE FFORX9OL

www.flowfitonline.com
TECH. DATA SHEET
GH01

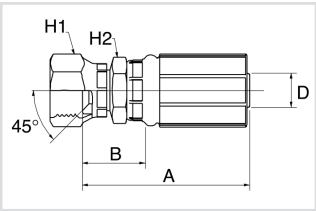



Female SAE flat face '0' ring swivel. 90° swept elbow.
Long drop (-4 to -20 drop dimensions meet ISO 12151-1).

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 9/16" -18 UNF | 56.2 | 30.2 | 46 | 17 | 4G4FFORX9OL | £7.77 | € 10.49 |
| -4 | 6 | 1/4 | 11/16" - 16 UN | 61.6 | 35.6 | 54 | 22 | 4G6FFORX9OL | £7.19 | € 9.71 |
| -4 | 6 | 1/4 | 13/16" - 16 UN | 67.1 | 41.1 | 64 | 24 | 4G8FFORX9OL | £18.48 | € 24.95 |
| -6 | 10 | 3/8 | 11/16" - 16 UN | 69.3 | 41.4 | 54 | 22 | 6G6FFORX9OL | £6.00 | € 8.11 |
| -6 | 10 | 3/8 | 13/16" - 16 UN | 69 | 41.1 | 64 | 24 | 6G8FFORX9OL | £7.47 | € 10.09 |
| -8 | 12 | 1/2 | 13/16" - 16 UN | 83.9 | 46.5 | 64 | 24 | 8G8FFORX9OL | £9.53 | € 12.86 |
| -8 | 12 | 1/2 | 1" - 14 UNS | 90.6 | 53.1 | 70 | 30 | 8G1OFFORX9OL | £11.16 | € 15.07 |
| -10 | 16 | 5/8 | 13/16" -16 UN | 92.4 | 54.9 | 64 | 24 | 10G8FFORX9OL | £13.79 | € 18.62 |
| -10 | 16 | 5/8 | 1" -14 UNS | 90.2 | 52.7 | 70 | 30 | 10G1OFFORX9OL | £14.58 | € 19.69 |
| -12 | 20 | 3/4 | 1.3/16" - 12 UN | 118.2 | 67.2 | 96 | 36 | 12G12FFORX9OL | £18.38 | € 24.82 |
| -16 | 25 | 1 | 1.7/16" - 12 UN | 129.9 | 73.1 | 114 | 41 | 16G16FFORX9OL | £29.52 | € 39.85 |
| -20 | 32 | 1.1/4 | 1.11/16" - 12 UN | 140 | 81 | 129 | 50 | 20G2OFFORX9OL | £39.42 | € 53.22 |

# SAE 45° FSX

www.flowfitonline.com
TECH. DATA SHEET
GH01

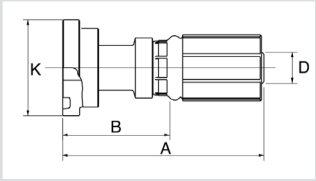



Female SAE swivel. 45° inverted cone.

| D | | | | A | B | H1 | H2 | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 7/16" - 20 UNF | 48 | 22 | 14.3 | 12.7 | 4G4FSX | £7.33 | € 9.90 |
| -4 | 6 | 1/4 | 1/2" - 20 UNF | 46.5 | 20.5 | 17.5 | 12.7 | 4G5FSX | £8.36 | € 11.29 |
| -4 | 6 | 1/4 | 5/8" - 18 UNF | 48.5 | 22.5 | 19.1 | 15.9 | 4G6FSX | £4.73 | € 6.38 |
| -5 | 8 | 5/16 | 5/8" - 18 UNF | 52 | 24 | 19.1 | 15.9 | 5G6FSX | £19.70 | € 26.59 |
| -6 | 10 | 3/8 | 5/8" - 18 UNF | 52 | 24.1 | 19.1 | 15.9 | 6G6FSX | £4.07 | € 5.50 |
| -6 | 10 | 3/8 | 3/4" - 16 UNF | 51.5 | 23.5 | 22.2 | 17.5 | 6G8FSX | £4.48 | € 6.05 |
| -8 | 12 | 1/2 | 3/4" - 16 UNF | 60 | 22.5 | 22.2 | 20.6 | 8G8FSX | £5.23 | € 7.05 |
| -8 | 12 | 1/2 | 7/8" - 14 UNF | 63 | 25.5 | 27 | 20.6 | 8G1OFSX | £5.29 | € 7.15 |
| -12 | 20 | 3/4 | 1.1/16" - 14 UNS | 78.5 | 27.5 | 31.8 | 27 | 12G12FSX | £9.09 | € 12.28 |

# SAE FL

www.flowfitonline.com
TECH. DATA SHEET
GH01

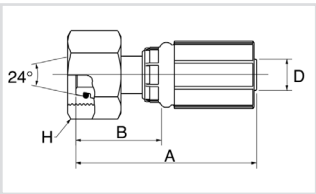



SAE '0' ring flange. Code 61.

| D | | | | A | B | K | KIT | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -8 | 12 | 1/2 | 1/2" | 80 | 42.5 | 30.2 | 8 PA-FL | 8G8FL | £7.82 | € 10.55 |
| -8 | 12 | 1/2 | 3/4" | 80 | 42.5 | 38.1 | 12 PA-FL | 8G12FL | £18.13 | € 24.48 |
| -10 | 16 | 5/8 | 3/4" | 98 | 60.5 | 38.1 | 12 PA-FL | 10G12FL | £20.01 | € 27.02 |
| -12 | 20 | 3/4 | 3/4" | 98 | 47 | 38.1 | 12 PA-FL | 12G12FL | £8.85 | € 11.94 |
| -12 | 20 | 3/4 | 1" | 88.8 | 37.8 | 44.5 | 16 PA-FL | 12G16FL | £12.42 | € 16.77 |
| -16 | 25 | 1 | 1" | 105 | 48.2 | 44.5 | 16 PA-FL | 16G16FL | £11.75 | € 15.87 |
| -16 | 25 | 1 | 1.1/4" | 105 | 48.2 | 50.8 | 20 PA-FL | 16G20FL | £20.22 | € 27.29 |
| -16 | 25 | 1 | 1.1/2" | 96 | 39.2 | 60.3 | 24 PA-FL | 16G24FL | £21.51 | € 29.04 |
| -20 | 32 | 1.1/4 | 1.1/4" | 112.5 | 53.5 | 50.8 | 20 PA-FL | 20G20FL | £35.01 | € 47.27 |
| -20 | 32 | 1.1/4 | 1.1/2" | 117.5 | 58.5 | 60.3 | 24 PA-FL | 20G24FL | £35.55 | € 48.00 |
| -24 | 40 | 1.1/2 | 1.1/2" | 152.9 | 793 | 60.3 | 24PA-FL | 24GSP24FL | £17.52 | € 23.65 |
| -24 | 40 | 1.1/2 | 2" | 152.9 | 79.3 | 71.4 | 32PA-FL | 24GSP32FL | £33.94 | € 45.82 |
| -32 | 50 | 2 | 2" | 159.3 | 67.3 | 71.4 | 32PA-FL | 32GSP32FL | £22.76 | € 30.72 |

# DIN 24° FDLORX

www.flowfitonline.com
TECH. DATA SHEET
GH01

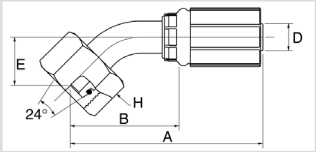



Female DIN 'CY ring swivel. 24° cone. Light series.

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | M12 x 1.5 | 51.8 | 28.8 | 14 | 4G6FDLORX | £4.20 | € 5.67 |
| -4 | 6 | 1/4 | M14 x1.5 | 55.7 | 29.7 | 17 | 4G8FDLORX | £2.31 | € 3.12 |
| -4 | 6 | 1/4 | M16 x1.5 | 55.3 | 29.3 | 19 | 4G1OFDLORX | £2.70 | € 3.65 |
| -4 | 6 | 1/4 | M18 x1.5 | 55.7 | 29.7 | 22 | 4G12FDLORX | £3.73 | € 5.03 |
| -5 | 8 | 5/16 | M14 x1.5 | 52 | 28.4 | 17 | 5G8FDLORX | £4.92 | € 6.65 |
| -5 | 8 | 5/16 | M16 x 1.5 | 53.9 | 29.7 | 19 | 5G1OFDLORX | £2.78 | € 3.75 |
| -5 | 8 | 5/16 | M18 x 1.5 | 58.5 | 30 | 22 | 5G 12FDLORX | £3.37 | € 4.55 |
| -6 | 10 | 3/8 | M16 x 1.5 | 57.1 | 29.2 | 19 | 6G1OFDLORX | £3.22 | € 4.34 |
| -6 | 10 | 3/8 | M18 x 1.5 | 57.8 | 29.9 | 22 | 6G 12FDLORX | £2.55 | € 3.45 |
| -6 | 10 | 3/8 | M20 x 1.5 | 60.4 | 32.5 | 24 | 6G14FDLORX | £4.10 | € 5.54 |
| -6 | 10 | 3/8 | M22 x 1.5 | 56.7 | 28.8 | 27 | 6G15FDLORX | £5.44 | € 7.34 |
| -8 | 12 | 1/2 | M18 x 1.5 | 70.2 | 32.7 | 22 | 8G12FDLORX | £5.85 | € 7.91 |
| -8 | 12 | 1/2 | M22 x 1.5 | 67 | 29.5 | 27 | 8G15FDLORX | £3.62 | € 4.88 |
| -8 | 12 | 1/2 | M26 x 1.5 | 67.9 | 30.4 | 32 | 8G18FDLORX | £8.77 | € 11.84 |
| -10 | 16 | 5/8 | M26 x 1.5 | 67.8 | 30.3 | 32 | 10G18FDLORX | £4.89 | € 6.61 |
| -12 | 20 | 3/4 | M26 x 1.5 | 83.8 | 32.8 | 32 | 12G18FDLORX | £13.95 | € 18.84 |
| -12 | 20 | 3/4 | M30 x 2.0 | 85.8 | 34.8 | 36 | 12G22FDLORX | £7.10 | € 9.58 |
| -16 | 25 | 1 | M36 x 2.0 | 81.6 | 36.7 | 41 | 16G28FDLORX | £11.30 | € 15.25 |
| -20 | 32 | 1.1/4 | M45 x 2.0 | 90.4 | 44.1 | 50 | 20G35FDLORX | £32.04 | € 43.25 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 135.7 | 62 | 60 | 24GSP42FDLORX | £28.52 | € 38.50 |

# DIN 24° FDLORX45

www.flowfitonline.com
TECH. DATA SHEET
GH01

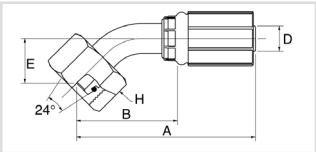



Female DIN '0' ring swivel. 24° cone. Light series.
45° swept elbow. Drop dimensions meet ISO 12151-2.

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | M12 x 1.5 | 65.5 | 39.5 | 16.9 | 14 | 4G6FDLORX45 | £8.11 | € 10.95 |
| -4 | 6 | 1/4 | M14 x 1.5 | 62.6 | 36.5 | 16.2 | 19 | 4G8FDLORX45 | £4.35 | € 5.88 |
| -4 | 6 | 1/4 | M16 x 1.5 | 64.4 | 38.3 | 17.9 | 19 | 4G 1 OFDLORX45 | £5.63 | € 7.59 |
| -4 | 6 | 1/4 | M18 x1.5 | 66.7 | 40.7 | 18.3 | 22 | 4G12FDLORX45 | £6.31 | € 8.51 |
| -5 | 8 | 5/16 | M14 x1.5 | 67.1 | 39.1 | 16.9 | 17 | 5G8FDLORX45 | £10.75 | € 14.50 |
| -5 | 8 | 5/16 | M16 x1.5 | 63.4 | 39.3 | 17.1 | 19 | 5G1OFDLORX45 | £4.50 | € 6.08 |
| -5 | 8 | 5/16 | M18 x1.5 | 67.7 | 39.7 | 18.9 | 22 | 5G12FDLORX45 | £7.53 | € 10.16 |
| -6 | 10 | 3/8 | M16 x 1.5 | 68.5 | 40.5 | 18.6 | 19 | 6G1OFDLORX45 | £5.64 | € 7.61 |
| -6 | 10 | 3/8 | M18x 1.5 | 68.8 | 40.9 | 18.9 | 22 | 6G12FDLORX45 | £4.44 | € 5.99 |
| -6 | 10 | 3/8 | M22 x 1.5 | 72.3 | 44.4 | 22.5 | 27 | 6G15FDLORX45 | £6.74 | € 9.09 |
| -8 | 12 | 1/2 | M18x 1.5 | 92.9 | 55.4 | 29.7 | 22 | 8G12FDLORX45 | £11.49 | € 15.51 |
| -8 | 12 | 1/2 | M22 x 1.5 | 84.6 | 47.1 | 20.2 | 27 | 8G15FDLORX45 | £5.62 | € 7.58 |
| -8 | 12 | 1/2 | M26 x 1.5 | 94.9 | 57.2 | 26.9 | 32 | 8G18FDLORX45 | £16.77 | € 22.65 |
| -10 | 16 | 5/8 | M26 x 1.5 | 93.5 | 56 | 24.8 | 32 | 10G18FDLORX45 | £8.22 | € 11.09 |
| -12 | 20 | 3/4 | M30 x 2.0 | 104.6 | 66.1 | 29.8 | 36 | 12G22FDLORX45 | £14.79 | € 19.96 |
| -16 | 25 | 1 | M36 x 2.0 | 135.4 | 78.8 | 30.9 | 41 | 16G28FDLORX45 | £26.55 | € 35.83 |
| -20 | 32 | 1.1/4 | M45 x 2.0 | 152.4 | 93.4 | 37.5 | 50 | 20G35FDLORX45 | £41.37 | € 55.86 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 208.9 | 135.2 | 44 | 60 | 24G51342FDLORX45 | £38.74 | € 52.29 |

# DIN 24° FDLORX90

www.flowfitonline.com
TECH. DATA SHEET
GH01

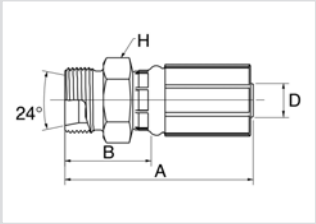



Female DIN '0' ring swivel. 24° cone. Light series.
90° swept elbow. Drop dimensions meet ISO 12151-2.

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | M12 x 1.5 | 58. | 32. | 35.0 | 14.0 | 4G6FDLORX90 | £6.84 | € 9.23 |
| -4 | 6 | 1/4 | M14x 1.5 | 58. | 32. | 35.0 | 17.0 | 4G8FDLORX90 | £4.35 | € 5.88 |
| -4 | 6 | 1/4 | M16 x 1.5 | 58. | 32. | 37. | 19.0 | 4G1OFDLORX90 | £5.00 | € 6.75 |
| -4 | 6 | 1/4 | M18 x 1.5 | 60. | 34. | 37.0 | 22.0 | 4G12FDLORX90 | £6.60 | € 8.91 |
| -5 | 8 | 5/16 | M14x 1.5 | 61. | 33. | 35.0 | 17.0 | 5G8FDLORX90 | £7.26 | € 9.80 |
| -5 | 8 | 5/16 | M16 x 1.5 | 63. | 34. | 37. | 19.0 | 5G1OFDLORX90 | £4.85 | € 6.54 |
| -5 | 8 | 5/16 | M15 x1.5 | 59.0 | 31.0 | 37.0 | 22.0 | 5G12FDLORX90 | £6.07 | € 8.20 |
| -6 | 10 | 3/8 | M16 x 1.5 | 60. | 32. | 37. | 19.0 | 6G1OFDLORX90 | £5.85 | € 7.91 |
| -6 | 10 | 3/8 | M18 x 1.5 | 60. | 32. | 37.0 | 22.0 | 6G12FDLORX90 | £4.76 | € 6.43 |
| -6 | 10 | 3/8 | M22 x 1.5 | 60. | 32. | 42.0 | 27.0 | 6G15FDLORX90 | £7.14 | € 9.63 |
| -8 | 12 | 1/2 | M18 x 1.5 | 74. | 37. | 53. | 22.0 | 8G12FDLORX90 | £11.11 | € 15.00 |
| -8 | 12 | 1/2 | M22 x 1.5 | 78. | 40. | 42.0 | 27.0 | 8G15FDLORX90 | £5.97 | € 8.07 |
| -8 | 12 | 1/2 | M26 x 1.5 | 82. | 44.0 | 52. | 32.0 | 8G18FDLORX90 | £17.11 | € 23.09 |
| -10 | 16 | 5/8 | M26 x 1.5 | 85. | 48. | 52. | 32.0 | 10G18FDLORX90 | £7.98 | € 10.78 |
| -12 | 20 | 3/4 | M26 x 1.5 | 100. | 49. | 52. | 32.0 | 12G18FDLORX90 | £27.89 | € 37.65 |
| -12 | 20 | 3/4 | M30 x 2.0 | 107. | 56. | 62.0 | 36.0 | 12G22FDLORX90 | £10.47 | € 14.13 |
| -16 | 25 | 1 | M36 x 2.0 | 131. | 74. | 70.0 | 41.0 | 16G28FDLORX90 | £21.04 | € 28.40 |
| -20 | 32 | 1.1/4 | M45 x 2.0 | 142. | 83. | 80.0 | 50.0 | 20G35FDLORX90 | £41.37 | € 55.86 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 195. | 121.0 | 92.0 | 60.0 | 24GSP42FDLORX90 | £39.12 | € 52.81 |

# DIN 24° MDL

www.flowfitonline.com
TECH. DATA SHEET
GH01



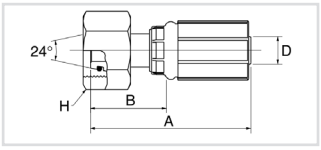

Male DIN parallel. 24° inverted cone. Light series. 24°

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | M12 x 1.5 | 45.8 | 19.8 | 14 | 4G6MDL | £3.26 | € 4.41 |
| -4 | 6 | 1/4 | M14 x 1.5 | 46.8 | 20.8 | 17 | 4G8MDL | £3.67 | € 4.96 |
| -4 | 6 | 1/4 | M16 x 1.5 | 47.8 | 21.8 | 17 | 4G10MDL | £4.78 | € 6.46 |
| -4 | 6 | 1/4 | M18 x 1.5 | 50 | 24 | 19 | 4G12MDL | £5.68 | € 7.67 |
| -5 | 8 | 5/16 | M14 x 1.5 | 48.8 | 20.8 | 17 | 5G8MDL | £5.79 | € 7.82 |
| -5 | 8 | 5/16 | M16 x 1.5 | 49.8 | 21.8 | 17 | 5G10MDL | £3.13 | € 4.23 |
| -5 | 8 | 5/16 | M18 x 1.5 | 50.8 | 22.8 | 19 | 5G12MDL | £6.88 | € 9.29 |
| -6 | 10 | 3/8 | M16 x 1.5 | 49.8 | 21.9 | 17 | 6G10MDL | £3.27 | € 4.42 |
| -6 | 10 | 3/8 | M18 x 1.5 | 50.8 | 22.9 | 19 | 6G12MDL | £3.25 | € 4.38 |
| -6 | 10 | 3/8 | M22 x 1.5 | 51.8 | 23.9 | 24 | 6G15MDL | £4.07 | € 5.50 |
| -8 | 12 | 1/2 | M18 x 1.5 | 60.6 | 23.1 | 22 | 8G12MDL | £5.09 | € 6.87 |
| -8 | 12 | 1/2 | M22 x 1.5 | 61.5 | 24 | 24 | 8G15MDL | £3.53 | € 4.76 |
| -8 | 12 | 1/2 | M26 x 1.5 | 63 | 25.5 | 27 | 8G18MDL | £6.91 | € 9.33 |
| -10 | 16 | 5/8 | M26 x 1.5 | 62.5 | 25 | 27 | 10G18MDL | £5.49 | € 7.41 |
| -12 | 20 | 3/4 | M26 x 1.5 | 75.9 | 24.9 | 27 | 12G18MDL | £6.19 | € 8.36 |
| -12 | 20 | 3/4 | M30 x 2.0 | 78 | 27 | 32 | 12G22MDL | £7.46 | € 10.08 |
| -16 | 25 | 1 | M36 x 2.0 | 87.2 | 30.4 | 41 | 16G28MDL | £11.92 | € 16.09 |
| -20 | 32 | 1.1/4 | M45 x 2.0 | 94.1 | 35.1 | 46 | 20G35MDL | £29.06 | € 39.24 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 120 | 46.4 | 55 | 24G51342MDL | £27.30 | € 36.86 |

FOR SALES & ADVICE CALL US 01584 876033

# DIN 24° FDHORX

www.flowfitonline.com
TECH. DATA SHEET
GH01

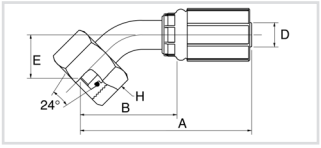



Female DIN 'CY ring swivel. 24° cone. Heavy series.

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | M14 x 1.5 | 51.8 | 25.8 | 17 | 4G6FDHORX | £3.62 | € 4.88 |
| -4 | 6 | 1/4 | M16 x 1.5 | 54.4 | 28.4 | 19 | 4G8FDHORX | £2.87 | € 3.88 |
| -4 | 6 | 1/4 | M18 x 1.5 | 55.3 | 29.3 | 22 | 4G1 OFDHORX | £3.08 | € 4.16 |
| -4 | 6 | 1/4 | M20 x 1.5 | 55.7 | 29.7 | 24 | 4G12FDHORX | £3.35 | € 4.53 |
| -5 | 8 | 5/16 | M18 x 1.5 | 58 | 29.9 | 22 | 5G1OFDHORX | £3.42 | € 4.62 |
| -5 | 8 | 5/16 | M20 x 1.5 | 58 | 30 | 24 | 5G12FDHORX | £3.19 | € 4.30 |
| -5 | 8 | 5/16 | M22 x 1.5 | 58 | 30 | 27 | 5G14FDHORX | £18.22 | € 24.59 |
| -6 | 10 | 3/8 | M18 x 1.5 | 57.1 | 29.2 | 22 | 6G1 OFDHORX | £4.54 | € 6.12 |
| -6 | 10 | 3/8 | M20 x 1.5 | 57.8 | 29.9 | 24 | 6G12FDHORX | £3.12 | € 4.21 |
| -6 | 10 | 3/8 | M22 x 1.5 | 60.4 | 32.5 | 27 | 6G14FDHORX | £3.70 | € 5.00 |
| -8 | 12 | 1/2 | M20 x 1.5 | 70.2 | 32.7 | 24 | 8G12FDHORX | £5.02 | € 6.78 |
| -8 | 12 | 1/2 | M22 x 1.5 | 70 | 32.5 | 27 | 8G14FDHORX | £16.68 | € 22.51 |
| -8 | 12 | 1/2 | M24 x 1.5 | 71.1 | 33.6 | 30 | 8G16FDHORX | £4.21 | € 5.69 |
| -8 | 12 | 1/2 | M30 x 2.0 | 75.5 | 38 | 36 | 8G2OFDHORX | £14.15 | € 19.11 |
| -10 | 16 | 5/8 | M24 x 1.5 | 71.9 | 34.4 | 30 | 10G16FDHORX | £11.22 | € 15.15 |
| -10 | 16 | 5/8 | M30 x 2.0 | 75.7 | 38.2 | 36 | 10G2OFDHORX | £6.29 | € 8.49 |
| -12 | 20 | 3/4 | M30 x 2.0 | 91.7 | 40.7 | 36 | 12G2OFDHORX | £12.14 | € 16.38 |
| -12 | 20 | 3/4 | M36 x 2.0 | 96.1 | 45.1 | 46 | 12G25FDHORX | £9.22 | € 12.45 |
| -16 | 25 | 1 | M36 x 2.0 | 102.5 | 45.7 | 46 | 16G25FDHORX | £17.32 | € 23.38 |
| -16 | 25 | 1 | M42 x 2.0 | 106 | 49.2 | 50 | 16G3OFDHORX | £14.48 | € 19.55 |
| -20 | 32 | 1.1/4 | M52 x 2.0 | 116.8 | 57.8 | 60 | 20G38FDHORX | £34.13 | € 46.07 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 150 | 76.3 | 60 | 24GSP38FDHORX | £31.84 | € 42.98 |

# DIN 24° FDHORX45

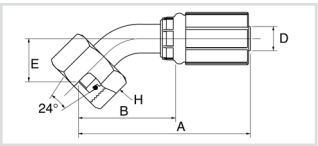
www.flowfitonline.com
TECH. DATA SHEET
GH01




Female DIN '0' ring swivel. 24° cone. Heavy series.
45° swept elbow. Drop dimensions meet ISO 12151-2.

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | M16 x 1.5 | 62.6 | 36.5 | 16.2 | 19 | 4G8FDHORX45 | £5.99 | € 8.09 |
| -4 | 6 | 1/4 | M18 x 1.5 | 64.4 | 38.3 | 17.9 | 22 | 4G1OFDHORX45 | £5.49 | € 7.41 |
| -4 | 6 | 1/4 | M20 x 1.5 | 66.7 | 40.7 | 18.3 | 24 | 4G12FDHORX45 | £4.69 | € 6.33 |
| -5 | 8 | 5/16 | M18 x 1.5 | 67.3 | 39.3 | 17.1 | 22 | 5G1OFDHORX45 | £7.95 | € 10.74 |
| -5 | 8 | 5/16 | M20 x 1.5 | 67.7 | 39.7 | 18.9 | 24 | 5G12FDHORX45 | £7.10 | € 9.58 |
| -6 | 10 | 3/8 | M18 x 1.5 | 68.5 | 40.5 | 18.6 | 22 | 6G1OFDHORX45 | £8.66 | € 11.70 |
| -6 | 10 | 3/8 | M20 x 1.5 | 68.8 | 40.9 | 18.9 | 24 | 6G12FDHORX45 | £5.21 | € 7.03 |
| -6 | 10 | 3/8 | M22 x 1.5 | 70.9 | 43 | 21 | 27 | 6G14FDHORX45 | £14.27 | € 19.26 |
| -8 | 12 | 1/2 | M22 x 1.5 | 91.5 | 54 | 27.1 | 27 | 8G14FDHORX45 | £23.34 | € 31.50 |
| -8 | 12 | 1/2 | M24 x 1.5 | 86 | 48.5 | 21.6 | 30 | 8G16FDHORX45 | £7.11 | € 9.59 |
| -10 | 16 | 5/8 | M30 x 2.0 | 93.1 | 55.7 | 24.9 | 36 | 10G2OFDHORX45 | £11.93 | € 16.11 |
| -12 | 20 | 3/4 | M30 x 2.0 | 109.4 | 58.4 | 24.9 | 36 | 12G2OFDHORX45 | £21.74 | € 29.35 |
| -12 | 20 | 3/4 | M36 x 2.0 | 118.6 | 67.6 | 31.2 | 46 | 12G25FDHORX45 | £19.45 | € 26.25 |
| -16 | 25 | 1 | M36 x 2.0 | 146.5 | 89.7 | 35.1 | 46 | 16G25FDHORX45 | £25.69 | € 34.69 |
| -16 | 25 | 1 | M42 x 2.0 | 139.8 | 83 | 35.1 | 50 | 16G3OFDHORX45 | £27.62 | € 37.28 |
| -20 | 32 | 1.1/4 | M52 x 2.0 | 166.9 | 107.9 | 42.5 | 60 | 20G38FDHORX45 | £44.72 | € 60.37 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 208.9 | 135.2 | 44 | 60 | 24GSP38FDHORX45 | £42.40 | € 57.24 |

# DIN 24° FDHORX90

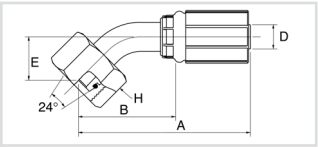



Female DIN '0' ring swivel. 24° cone. Heavy series.
90° swept elbow. Drop dimensions meet ISO 12151-2.

www.flowfitonline.com
TECH. DATA SHEET
GH01

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | M14 x 1.5 | 57.6 | 31.5 | 35 | 17 | 4G6FDHORX90 | £5.73 | € 7.74 |
| -4 | 6 | 1/4 | M16 x 1.5 | 57.5 | 31.5 | 35 | 19 | 4G8FDHORX90 | £4.91 | € 6.63 |
| -4 | 6 | 1/4 | M18x 1.5 | 57.6 | 31.5 | 36.5 | 22 | 4G1OFDHORX90 | £4.84 | € 6.53 |
| -4 | 6 | 1/4 | M20x 1.5 | 59.6 | 33.5 | 37 | 24 | 4G12FDHORX90 | £4.69 | € 6.33 |
| -5 | 8 | 5/16 | M18x 1.5 | 62.5 | 34.4 | 36.5 | 22 | 5G1OFDHORX90 | £7.41 | € 10.00 |
| -5 | 8 | 5/16 | M20x 1.5 | 59 | 31 | 37 | 24 | 5G12FDHORX90 | £5.56 | € 7.51 |
| -5 | 8 | 5/16 | M22 x 1.5 | 59 | 31 | 40 | 27 | 5G14FDHORX90 | £20.01 | € 27.02 |
| -6 | 10 | 3/8 | M18x 1.5 | 60.1 | 32.2 | 36.5 | 22 | 6G1OFDHORX90 | £8.19 | € 11.05 |
| -6 | 10 | 3/8 | M20x 1.5 | 60.1 | 32.2 | 37 | 24 | 6G12FDHORX90 | £5.22 | € 7.04 |
| -6 | 10 | 3/8 | M22 x 1.5 | 60.1 | 32.2 | 40 | 27 | 6G14FDHORX90 | £9.06 | € 12.24 |
| -8 | 12 | 1/2 | M24 x 1.5 | 77.9 | 40.4 | 44 | 30 | 8G16FDHORX90 | £7.11 | € 9.59 |
| -10 | 16 | 5/8 | M30 x 2.0 | 84.1 | 46.6 | 51 | 36 | 10G2OFDHORX90 | £10.61 | € 14.32 |
| -12 | 20 | 3/4 | M30 X 2.0 | 100.3 | 49.3 | 51 | 36 | 12G2OFDHORX90 | £21.74 | € 29.35 |
| -12 | 20 | 3/4 | M36 x 2.0 | 107.3 | 56.3 | 64 | 46 | 12G25FDHORX90 | £14.74 | € 19.90 |
| -16 | 25 | 1 | M36 x 2.0 | 137.8 | 81 | 76 | 46 | 16G25FDHORX90 | £25.69 | € 34.69 |
| -16 | 25 | 1 | M42 x 2.0 | 131.1 | 74.3 | 76 | 50 | 16G3OFDHORX90 | £26.10 | € 35.24 |
| -20 | 32 | 1.1/4 | M52 x 2.0 | 151.4 | 92.4 | 87 | 60 | 20G38FDHORX90 | £50.13 | € 67.68 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 194.6 | 121 | 92 | 60 | 24GSP38FDHORX90 | £48.29 | € 65.19 |

# DIN 24°



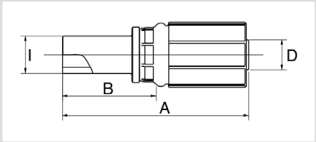

Male DIN parallel. 24° inverted cone. Heavy series. 24°

www.flowfitonline.com
TECH. DATA SHEET
GH01

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | M16 x 1.5 | 53 | 27 | 17 | 4G8MDH | £5.37 | € 7.25 |
| -4 | 6 | 1/4 | M18 x 1.5 | 52.5 | 26.5 | 19 | 4G10MDH | £6.00 | € 8.11 |
| -5 | 8 | 5/16 | M18 x 1.5 | 53.8 | 25.8 | 19 | 5G10MDH | £5.78 | € 7.80 |
| -5 | 8 | 5/16 | M20 x 1.5 | 55.8 | 27.8 | 22 | 5G12MDH | £6.23 | € 8.41 |
| -6 | 10 | 3/8 | M18 x 1.5 | 55 | 27.1 | 19 | 6G10MDH | £4.48 | € 6.05 |
| -6 | 10 | 3/8 | M20 x 1.5 | 57.5 | 29.6 | 24 | 6G12MDH | £3.41 | € 4.61 |
| -6 | 10 | 3/8 | M22 x 1.5 | 59.5 | 31.6 | 24 | 6G14MDH | £3.89 | € 5.25 |
| -8 | 12 | 1/2 | M20 x 1.5 | 66.5 | 29 | 24 | 8G12MDH | £16.68 | € 22.51 |
| -8 | 12 | 1/2 | M24 x 1.5 | 69 | 31.5 | 27 | 8G16MDH | £4.54 | € 6.12 |
| -10 | 16 | 5/8 | M30 x 2.0 | 73.5 | 36 | 32 | 10G20MDH | £6.38 | € 8.62 |
| -12 | 20 | 3/4 | M30 x 2.0 | 84.9 | 33.9 | 32 | 12G20MDH | £10.71 | € 14.46 |
| -12 | 20 | 3/4 | M36 x 2.0 | 92 | 41 | 41 | 12G25MDH | £10.29 | € 13.90 |
| -16 | 25 | 1 | M36 x 2.0 | 97.2 | 40.4 | 41 | 16G25MDH | £28.30 | € 38.20 |
| -16 | 25 | 1 | M42 x 2.0 | 99.2 | 42.4 | 46 | 16G30MDH | £15.79 | € 21.32 |
| -20 | 32 | 1.1/4 | M52 X 2.0 | 108.1 | 49.1 | 55 | 20G38MDH | £35.39 | € 47.78 |

# METRIC MSP

www.flowfitonline.com
TECH. DATA SHEET
GH01

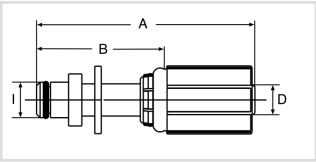



Metric standpipe.

| D | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | L6 | 62.5 | 36.5 | 4G6MSP | £3.06 | € 4.13 |
| -4 | 6 | 1/4 | L8 | 62.5 | 36.5 | 4G8MSP | £3.11 | € 4.20 |
| -4 | 6 | 1/4 | L10 | 64.5 | 38.5 | 4G10MSP | £3.06 | € 4.13 |
| -5 | 8 | 5/16 | L8 | 64.5 | 36.5 | 5G8MSP | £7.55 | € 10.20 |
| -5 | 8 | 5/16 | L10 | 66.5 | 38.5 | 5G10MSP | £3.53 | € 4.76 |
| -5 | 8 | 5/16 | L12 | 66.5 | 38.5 | 5G12MSP | £3.73 | € 5.03 |
| -6 | 10 | 3/8 | L10 | 66.5 | 38.6 | 6G10MSP | £2.78 | € 3.75 |
| -6 | 10 | 3/8 | L12 | 66.5 | 38.6 | 6G12MSP | £2.45 | € 3.30 |
| -8 | 12 | 1/2 | L15 | 76.3 | 38.8 | 8G15MSP | £3.99 | € 5.38 |
| -10 | 16 | 5/8 | L18 | 77.2 | 39.7 | 10G18MSP | £5.14 | € 6.94 |
| -12 | 20 | 3/4 | L22 | 93.2 | 42.2 | 12G22MSP | £5.89 | € 7.95 |

# POWERWASH PWSP

www.flowfitonline.com
TECH. DATA SHEET
GH01




Male PowerWash standpipe with '0' ring.

| D | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | £ STERLING | € EUROS |
| -4 | 6 | 1/4 | 59.6 | 36.5 | 9.9 | 4G1 OPWSP | £12.24 | € 16.52 |
| -5 | 8 | 5/16 | 64.5 | 36.5 | 9.9 | 5G1 OPWSP | £3.57 | € 4.83 |
| -5 | 8 | 5/16 | 67.5 | 39.5 | 10.9 | 5G11PWSP | £3.57 | € 4.83 |
| -6 | 10 | 3/8 | 64.5 | 36.6 | 9.9 | 6G1 OPWSP | £7.48 | € 10.11 |
| -6 | 10 | 3/8 | 67.5 | 39.6 | 10.9 | 6G11PWSP | £7.48 | € 10.11 |



# CRIMPING MACHINES: OVERVIEW

## MC 1001

Lightweight, portable crimper designed for reliability in field service. Comes with separate box, designed to contain complete set of dies. The pneumatic version has a foot-operated air pump. Crimps no-skive MegaCrimp® couplings for wire-braid hose up to 1".



**Ref: 7480-19164: manual machine**



**Ref: 7480-19165: air operated machine**

## MC X 20

Powerful, lightweight, portable hand-operated crimper, ideal for field service operations. Comes with separate box, designed to contain complete set of dies. Crimps no-skive GlobalSpiralTM couplings up to 1"and no-skive MegaCrimp® couplings for wire-braid hose up to 1.1/4".




**Ref: 7480-19181**

## MCX 25

Compact crimper for low-volume production. Ideal as starter machine or for small workshops. Crimps no-skive GlobalSpiralTM couplings up to 1" and no-skive MegaCrimp® couplings for wire-braid hose up to 1.1/4". Equipped with a die set storage rack allowing for logically organised die storage within easy reach of the operator, thus speeding up die selection and assembly. Also available for mobile service with DC power pack.




**Ref: 7480-19184: 3 phase / 7480-19183: 1 phase / 7480-19182: 12V**

## MCX 30

Compact, operator-friendly machine to crimp the complete Gates range up to 1.1/4". Equipped with a die set storage rack allowing for logically organised die storage within easy reach of the operator, thus speeding up die selection and assembly. Also available for mobile service with DC power pack.




**Ref: 7480-19187: 3 phase / 7480-19186: 1 phase / 7480-19185: 12V**

## MCX 50

Full-range crimper (up to 2"six spiral wire hose) for the professional workshop. Optional foot pedal to enable hands-free operation. Equipped with a die set storage rack allowing for logically organised die storage within easy reach of the operator, thus speeding up die selection and assembly.




**Ref: 7480-19188: 3 phase**

# CUTTING MACHINES: OVERVIEW

## MKX 25

Compact cutting machine, perfectly suitable for the small workshop. Cuts up to 1.1/4”four spiral wire hose.




**Ref: 7480-19190: 1 phase / 7480-19189: 12V**

## MKX 30

Robust cutter for all types of workshops. Cuts up to 1.1/4”six spiral wire hose.




**Ref: 7480-19191: 3 phase**

## MKX 50

A heavy-duty pneumatic hose cutter allowing quick and reliable production across all hose size ranges. Cuts up to 2”six spiral wire hose. For workshop professionals who want to further enhance their set-up and improve the ease-of-use, we have a complete kit available including also a machine table and air compressor.




**Ref: 7480-19192: 3 phase / 7480-19197: 3 phase with compressor kit**

# TOOLS

## MARKING MACHINE

This hand-operated marking machine is a precise, compact service-free bench unit for Gates ferrules, one-piece and two-piece fittings. The MSX 50 is equipped with a hand wheel to adjust the character setting to the ferrule for the requested marking depth. The slot in the character holder allows for easy character placement. Please contact Gates for order info on the required characters.



**Ref: 7480-19193**

## MEGACRIMP® VERNIER CALIPER

A handy tool which measures finished outside diameters. Special design for easy measuring of the finished diameters on -4, -5 and -6 MegaCrimp®. Comes in a solid case.




**Ref: 7369-0322**

## MEGACRIMP® INSERTION TOOL

The MegaCrimp® coupling insertion tool offers an easy way to confirm the right insertion depth for all Gates wire-braid hydraulic hoses. It also verifies the squareness of cut!



**Ref: 7482-1342**



# HIGH PRESSURE 6000 PST HYDRAULIC HOSE

# EFG6K

www.flowfitonline.com
TECH. DATA SHEET
GH01

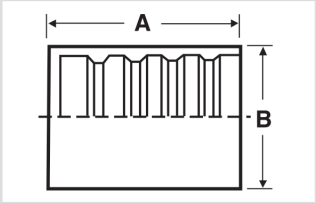


| | |
|---|---|
| **RECOMMENDED FOR** | Extremely high pressure and high impulse applications such as hydrostatic transmissions. |
| **TUBE NBR** | (Nitrile) based. |
| **REINFORCEMENT** | Four (six for -20, -24) alternating layers of spiralled, high tensile steel wire. |
| **COVER** | (Chloroprene) based. MSHA approved. |
| **TEMPERATURE RANGE** | -40°C to +121°C |
| **STANDARDS** | SAE 100R15. ISO 3862 R15. Meets or exceeds performance requirements of EN 856 4SP (-8) and EN 856 4SH (-12, -16). |
| **COUPLINGS** | -6 to -20: GlobalSpiralTM; -24: GlobalSpiralTM High. |
| **TYPE APPROVALS** | DNV, GL, LR, BV, ABS and MOD. |
| **CHARACTERISTICS/BENEFITS** | Extremely flexible.<br>Superior flex impulse performance: tested to 1,000,000 impulse cycles at 50% of SAE 100R15 bend radii.<br>40% of EN 856 4SP/4SH bend radius at rated working pressure.<br>EFG6K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids. |
| **OPTIONAL** | EFG6K-MTF: the complete range of EFG6K is also available with the Gates special MegaTuffm cover which offers 300 times the abrasion resistance of the standard EFG6K cover as per ISO 6945, superior ozone and weathering resistance. |
| **IMPORTANT** | **Please consult Gates Product Application Engineers for use of MegaTufr hose in reverse bending applications or for constant bending at minimum bend radius.** |

| SIZE | DN | “ | “ | mm | PSI | MPa | PSI | MPa | mm | kg/100m | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | 0.80 | 20. | 6000 | 42.0 | 24000 | 168.0 | 65 | 71 | 6EFG6K | £12.66 | € 17.09 |
| -8 | 12 | 1/2 | 0.95 | 24.0 | 6000 | 42.0 | 24000 | 168.0 | 90 | 89 | 8EFG6K | £13.74 | € 18.54 |
| -10 | 16 | 5/8 | 1. | 28. | 6000 | 42.0 | 24000 | 168.0 | 100 | 115 | 10EFG6K | £15.70 | € 21.20 |
| -12 | 19 | 3/4 | 1. | 31. | 6000 | 42.0 | 24000 | 168.0 | 120 | 144 | 12EFG6K | £17.66 | € 23.84 |
| -16 | 25 | 1 | 2. | 39. | 6000 | 42.0 | 24000 | 168.0 | 150 | 223 | 16EFG6K | £23.23 | € 31.36 |
| -20 | 31 | 1.1/4 | 2. | 50.0 | 6000 | 42.0 | 24000 | 168.0 | 210 | 399 | 20EFG6K | £45.51 | € 61.44 |
| -24 | 38 | 1.1/2 | 2. | 57. | 6000 | 42.0 | 24000 | 168.0 | 250 | 482 | 24EFG6K | £63.18 | € 85.30 |

# NO-SKIVE FERRULES

www.flowfitonline.com
TECH. DATA SHEET
GH01

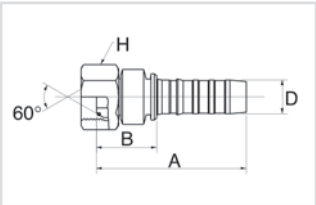



| D | | | A | B | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| SIZE | DN | " | mm | mm | G | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | 36. | 32. | 6GS 1 F-4 | £1.20 | € 1.62 |
| -8 | 12 | 1/2 | 37. | 34. | 8GS1F-4 | £1.22 | € 1.65 |
| -10 | 16 | 5/8 | 48. | 42. | 10GS1F-4 | £2.58 | € 3.49 |
| -12 | 20 | 3/4 | 50,0 | 46. | 12GS1F-4 | £2.99 | € 4.04 |
| -16 | 25 | 1 | 56. | 53. | 16GS1F-4 | £3.92 | € 5.29 |
| -20 | 32 | 1.1/4 | 68. | 62. | 20GS1F-4 | £11.52 | € 15.55 |
| -20 | 32 | 1.1/4 | 73. | 68. | 20GS1F-6 | £11.52 | € 15.55 |
| -24 | 40 | 1.1/2 | 76,5 | 72,0 | 24GSP1F-4 | £13.92 | € 18.79 |
| -32 | 50 | 2 | 91,0 | 85,0 | 32GSP1F-4 | £19.14 | € 25.83 |

**THIS IS NEEDED EVERYTIME A HOSE END IS FITTED**

# BSP FBSPORX

www.flowfitonline.com
TECH. DATA SHEET
GH01

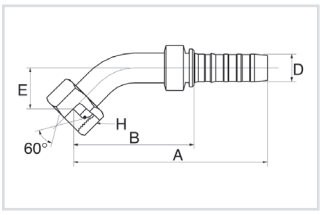



Female BSP'0' ring swivel. 60° cone.

| D | | | | A | B | H | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | G 3/8" -19 BSP | 60.5 | 24.7 | 22 | 6GS6FBSPORX | £2.53 | € 3.41 |
| -6 | 10 | 3/8 | G 1/2" -14 BSP | 60.2 | 24.4 | 27 | 6GS8FBSPORX | £4.83 | € 6.51 |
| -8 | 12 | 1/2 | G 1/2" -14 BSP | 61 | 23.5 | 27 | 8GS8FBSPORX | £2.98 | € 4.03 |
| -8 | 12 | 1/2 | G 5/8" -14 BSP | 62 | 24.5 | 30 | 8GS1OFBSPORX | £7.03 | € 9.49 |
| -10 | 16 | 5/8 | G 5/8" -14 BSP | 80.5 | 30.2 | 30 | 1OGS1OFBSPORX | £3.10 | € 4.18 |
| -10 | 16 | 5/8 | G 3/4" -14 BSP | 82.3 | 32 | 32 | 1OGS12FBSPORX | £6.51 | € 8.79 |
| -12 | 20 | 3/4 | G 3/4" -14 BSP | 86.5 | 35.5 | 32 | 12GS12FBSPORX | £4.51 | € 6.09 |
| -12 | 20 | 3/4 | G 1" -11 BSP | 86.6 | 35.6 | 41 | 12GS16FBSPORX | £16.49 | € 22.26 |
| -16 | 25 | 1 | G 1" -11 BSP | 95 | 38.6 | 41 | 16GS16FBSPORX | £7.14 | € 9.63 |
| -16 | 25 | 1 | G 1.1/4" -11 BSP | 83 | 26.2 | 50 | 16GS2OFBSPORX | £22.17 | € 29.94 |
| -20 | 32 | 1.1/4 | G 1.1/4"- 11 BSP | 116.5 | 45.4 | 50 | 20GS2OFBSPORX | £15.11 | € 20.40 |
| -24 | 40 | 1.1/2 | G 1.1/2" - 11 BSP | 125 | 51.3 | 55 | 24GSP24FBSPORX | £19.08 | € 25.76 |
| -32 | 50 | 2 | G 2" -11 BSP | 152 | 60 | 70 | 32GSP32FBSPORX | £26.88 | € 36.29 |

# BSP FBSPORX45

www.flowfitonline.com
TECH. DATA SHEET
GH01

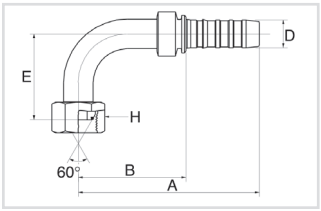



Female BSP'0' ring swivel. 60° cone. 45°
Drop dimensions meet ISO 12151-6.

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | GS | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | G 3/8" - 19 BSP | 83.1 | 47.3 | 15.4 | 22 | 6GS6FBSPORX45 | £4.80 | € 6.47 |
| -8 | 12 | 1/2 | G 1/2" - 14 BSP | 91.5 | 54.1 | 17 | 27 | 8GS8FBSPORX45 | £6.52 | € 8.80 |
| -10 | 16 | 5/8 | G 5/8" - 14 BSP | 118 | 67.7 | 21.3 | 30 | 1OGS1OFBSPORX45 | £17.11 | € 23.09 |
| -10 | 16 | 5/8 | G 3/4" - 14 BSP | 127.9 | 77.6 | 31.2 | 32 | 1OGS12FBSPORX45 | £26.29 | € 35.49 |
| -12 | 20 | 3/4 | G 3/4" - 14 BSP | 132.6 | 81.6 | 28.3 | 32 | 12GS12FBSPORX45 | £8.35 | € 11.28 |
| -16 | 25 | 1 | G 1"- 11 BSP | 155.5 | 99.1 | 30.9 | 41 | 16GS16FBSPORX45 | £12.34 | € 16.66 |
| -20 | 32 | 1.1/4 | G 1.1/4" - 11 BSP | 191.1 | 119.9 | 37.5 | 50 | 20GS2OFBSPORX45 | £29.08 | € 39.27 |
| -24 | 40 | 1.1/2 | G 1.1/2" - 11 BSP | 214.5 | 140.8 | 49.7 | 55 | 24GSP24FBSPORX45 | £31.77 | € 42.90 |
| -32 | 50 | 2 | G 2" - 11 BSP | 276.1 | 184.1 | 62.3 | 70 | 32GSP32FBSPORX45 | £40.22 | € 54.29 |

# BSP FBSPORX90

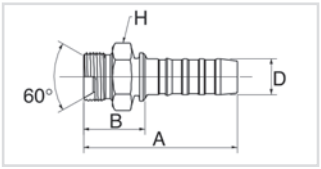
www.flowfitonline.com
TECH. DATA SHEET
GH01




Female BSP '0' ring swivel. 60° cone. 90° swept elbow.
Drop dimensions meet ISO 12151-6.

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | GS | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | G 3/8" -19 BSP | 78 | 42.2 | 32 | 22 | 6GS6FBSPORX90 | £4.49 | € 6.07 |
| -8 | 12 | 1/2 | G 1/2" - 14 BSP | 88 | 50.5 | 37.5 | 27 | 8GS8FBSPORX90 | £5.92 | € 7.99 |
| -10 | 16 | 5/8 | G 5/8" - 14 BSP | 112.5 | 62.2 | 46 | 30 | 1OGS1OFBSPORX90 | £15.83 | € 21.37 |
| -10 | 16 | 5/8 | G 3/4" - 14 BSP | 112.5 | 62.2 | 60 | 32 | 1OGS12FBSPORX90 | £16.62 | € 22.44 |
| -12 | 20 | 3/4 | G 3/4" - 14 BSP | 124.2 | 73.2 | 60 | 32 | 12GS12FBSPORX90 | £7.67 | € 10.36 |
| -16 | 25 | 1 | G 1" - 11 BSP | 151 | 94.6 | 70 | 41 | 16GS16FBSPORX90 | £12.53 | € 16.91 |
| -20 | 32 | 1.1/4 | G 1.1 AV - 11 BSP | 180.5 | 109.4 | 80 | 50 | 20GS2OFBSPORX90 | £29.08 | € 39.27 |
| -24 | 40 | 1.1/2 | G 1.1/2"- 11 BSP | 194.6 | 120.9 | 100 | 55 | 24GSP24FBSPORX90 | £29.61 | € 39.98 |
| -32 | 50 | 2 | G 2" -11 BSP | 254.7 | 162.7 | 129.1 | 70 | 32GSP32FBSPORX90 | £40.22 | € 54.29 |

# BSP MBSPP

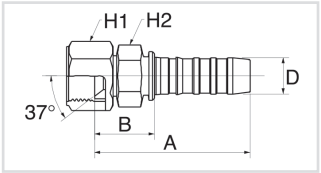



Male BSP parallel. 60° inverted cone. 60°

www.flowfitonline.com
TECH. DATA SHEET
GH01

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | GS | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | G 3/8" - 19 BSP | 63 | 27.2 | 22 | 6GS6MBSPP | £3.01 | € 4.07 |
| -6 | 10 | 3/8 | G 1/2" - 14 BSP | 68 | 32.2 | 27 | 6GS8MBSPP | £9.34 | € 12.61 |
| -8 | 12 | 1/2 | G 1/2"- 14 BSP | 67.5 | 30 | 27 | 8GS8MBSPP | £3.73 | € 5.03 |
| -10 | 16 | 5/8 | G 5/8" - 14 BSP | 84 | 33.7 | 30 | 1OGS1OMBSPP | £7.13 | € 9.62 |
| -10 | 16 | 5/8 | G 3/4" - 14 BSP | 85 | 34.7 | 32 | 1OGS12MBSPP | £11.78 | € 15.91 |
| -12 | 20 | 3/4 | G 3/4" - 14 BSP | 85 | 34.7 | 32 | 12GS12MBSPP | £5.11 | € 6.90 |
| -12 | 20 | 3/4 | G 1"- 11 BSP | 90 | 39 | 41 | 12GS16MBSPP | £13.24 | € 17.87 |
| -16 | 25 | 1 | G 1"- 11 BSP | 98 | 41.2 | 41 | 16GS16MBSPP | £7.24 | € 9.77 |
| -20 | 32 | 1.1/4 | G 1.1/4" - 11 BSP | 118 | 46.9 | 50 | 20GS2OMBSPP | £25.87 | € 34.92 |
| -24 | 40 | 1.1/2 | G 1.1/2"- 11 BSP | 130 | 56.4 | 55 | 24GSP24MBSPP | £22.93 | € 30.95 |
| -32 | 50 | 2 | G 2" - 11 BSP | 148.8 | 56.8 | 70 | 32GSP32MBSPP | £31.20 | € 42.12 |

# JIC 37° FJX



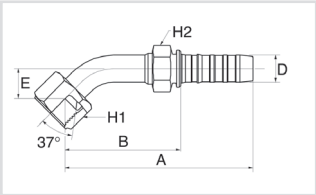

Female JIC swivel. 37° inverted cone.

www.flowfitonline.com
TECH. DATA SHEET
GH01

| D | | | | A | B | H1 | H2 | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | 9/16" - 18 UNF | 69.0 | 33.0 | 19. | 19. | 6GS6FX | £2.99 | € 4.04 |
| -6 | 10 | 3/8 | 3/4" - 16 UNF | 71.0 | 35. | 22. | 19. | 6GS8FX | £3.39 | € 4.58 |
| -8 | 12 | 1/2 | 3/4" - 16 UNF | 72.0 | 35. | 22. | 22. | 8GS8FX | £3.83 | € 5.17 |
| -8 | 12 | 1/2 | 7/8" - 14 UNF | 76. | 38. | 27.0 | 22. | 8GS1OFX | £4.94 | € 6.66 |
| -8 | 12 | 1/2 | 1.1/16"- 12 UN | 77.0 | 40. | 32. | 22. | 8GS12FX | £7.32 | € 9.88 |
| -10 | 16 | 5/8 | 7/8" -14 UNF | 94. | 43. | 27.0 | 25. | 1OGS1OFX | £3.70 | € 5.00 |
| -10 | 16 | 5/8 | 1.1/16" - 12 UN | 95.0 | 45. | 32. | 25. | 1OGS12FX | £5.00 | € 6.75 |
| -12 | 20 | 3/4 | 7/8" -14 UNF | 98. | 47. | 29. | 27.0 | 12GS1OFX | £22.79 | € 30.77 |
| -12 | 20 | 3/4 | 1.1/16" - 12 UN | 98.0 | 47.0 | 32. | 29. | 12GS12FX | £4.94 | € 6.66 |
| -12 | 20 | 3/4 | 1.3/16" - 12 UN | 103. | 52. | 35. | 29. | 12GS14FX | £13.06 | € 17.63 |
| -12 | 20 | 3/4 | 1.5/16" - 12 UN | 102.0 | 51.0 | 38. | 29. | 12GS16FX | £12.14 | € 16.38 |
| -16 | 25 | 1 | 1.1/16" - 12 UN | 108. | 51. | 35. | 35. | 16GS12FX | £37.77 | € 50.99 |
| -16 | 25 | 1 | 1.3/16" - 12 UN | 108. | 51. | 38. | 35. | 16GS14FX | £66.97 | € 90.41 |
| -16 | 25 | 1 | 1.5/16" - 12 UN | 110. | 53. | 38. | 38. | 16GS16FX | £7.77 | € 10.49 |
| -16 | 25 | 1 | 1.5/8" - 12 UN | 115.0 | 59. | 51. | 38. | 16GS2OFX | £27.16 | € 36.67 |
| -20 | 32 | 1.1/4 | 1.5/16" - 12 UN | 129.0 | 58. | 41. | 45. | 20GS16FX | £63.96 | € 86.35 |
| -20 | 32 | 1.1/4 | 1.5/8" -12 UN | 136.0 | 65. | 51. | 48. | 20GS2OFX | £17.82 | € 24.06 |
| -20 | 32 | 1.1/4 | 1.7/8" - 12 UN | 137.0 | 66. | 60. | 48. | 20GS24FX | £53.03 | € 71.59 |
| -24 | 40 | 1.1/2 | 1.7/8" - 12 UN | 124.0 | 50. | 60.0 | 55.0 | 24GSP24FX | £25.36 | € 34.24 |
| -32 | 50 | 2 | 2.1/2" - 12 UN | 148.0 | 56.0 | 75.0 | 65.0 | 32GSP32FX | £34.17 | € 46.13 |

# JIC 37° FJX45S

www.flowfitonline.com
TECH. DATA SHEET
GH01

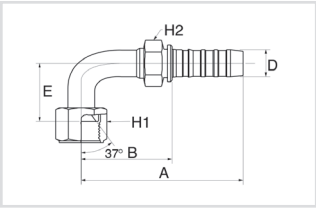



Female JIC swivel. 37° inverted cone. 45° swept elbow.
Short drop (-6 to -20 drop dimensions meet ISO 12151-5).

| D | | | | A | B | E | H1 | H2 | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | mm | G | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | 9/16" - 18 UNF | 82 | 46.2 | 11 | 19.1 | 19.1 | 6G56FX 455 | £5.11 | € 6.90 |
| -6 | 10 | 3/8 | 3/4" -16 UNF | 93 | 57.2 | 15 | 22.2 | 19.1 | 6GS8FX 455 | £7.67 | € 10.36 |
| -8 | 12 | 1/2 | 3/4" -16 UNF | 94 | 56.5 | 15 | 22.2 | 22.2 | 8GS8FX 455 | £5.99 | € 8.09 |
| -8 | 12 | 1/2 | 7/8" -14 UNF | 91 | 53.5 | 16 | 27 | 22.2 | 8GS1OFX 455 | £11.80 | € 15.94 |
| -10 | 16 | 5/8 | 7/8" -14 UNF | 113 | 63 | 18 | 27 | 30 | 1OGS1OFX 45-018 | £11.78 | € 15.91 |
| -10 | 16 | 5/8 | 1.1/16" - 12 UN | 122 | 71.7 | 21 | 31.8 | 25.4 | 1OG512FX 455 | £25.26 | € 34.11 |
| -12 | 20 | 3/4 | 1.1/16" - 12 UN | 130 | 79 | 21 | 31.8 | 28.6 | 12G512FX 455 | £10.57 | € 14.28 |
| -12 | 20 | 3/4 | 1.5/16" - 12 UN | 137 | 86 | 24 | 38.1 | 28.6 | 12G516FX 455 | £21.35 | € 28.83 |
| -16 | 25 | 1 | 1.5/16" - 12 UN | 152 | 95.7 | 24 | 38.1 | 38.1 | 16G516FX 455 | £14.73 | € 19.88 |
| -16 | 25 | 1 | 1.5/8" -12 UN | 164 | 107.7 | 25 | 50.8 | 38.1 | 16G52OFX 455 | £45.42 | € 61.32 |
| -20 | 32 | 1.1/4 | 1.5/8" -12 UN | 180 | 109 | 38 | 50.8 | 47.6 | 20G52OFX 455 | £46.44 | € 62.69 |
| -24 | 40 | 1.1/2 | 1.7/8" -12 UN | 233 | 159.5 | 50 | 60 | 55 | 24G SP24FX 45-050 | £42.79 | € 57.77 |
| -32 | 50 | 2 | 2.1/2" -12 UN | 276 | 183.8 | 45 | 75 | 65 | 32GSP32FX 45-065 | £49.20 | € 66.43 |

# JIC 37° FJX90S

www.flowfitonline.com
TECH. DATA SHEET
GH01

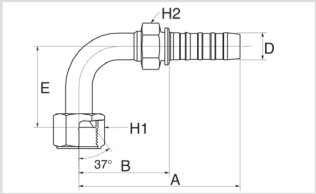



Female JIC swivel. 37° inverted cone. 90° swept elbow.
Short drop (-6 to -20 drop dimensions meet ISO 12151-5).

| D | | | | A | B | E | H1 | H2 | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | mm | G | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | 9/16" - 18 UNF | 79 | 43.2 | 23 | 19.1 | 19.1 | 6GS6FX 9OS | £4.55 | € 6.13 |
| -8 | 12 | 1/2 | 3/4" - 16 UNF | 86 | 48.6 | 29 | 22.2 | 22.2 | 8GS8FX 9OS | £5.99 | € 8.09 |
| -8 | 12 | 1/2 | 7/8" - 14 UNF | 92 | 54.5 | 32 | 27 | 22.2 | 8GS1OFX 9OS | £11.80 | € 15.94 |
| -8 | 12 | 1/2 | 1.1/16" - 12 UN | 111 | 73.5 | 48 | 31.8 | 22.2 | 8GS12FX 9OS | £57.55 | € 77.70 |
| -10 | 16 | 5/8 | 7/8" - 14 UNF | 111 | 43.3 | 36 | 27 | 30 | 1OG51OFX 90-036 | £27.86 | € 37.62 |
| -12 | 20 | 3/4 | 1.1/16" - 12 UN | 119 | 68 | 48 | 31.8 | 28.6 | 12GS12FX 9OS | £10.57 | € 14.28 |
| -12 | 20 | 3/4 | 1.5/16" - 12 UN | 135 | 84 | 56 | 38.1 | 28.6 | 12GS16FX 9OS | £34.77 | € 46.94 |
| -16 | 25 | 1 | 1.5/16" - 12 UN | 144 | 87.6 | 56 | 38.1 | 38.1 | 16GS16FX 9OS | £14.87 | € 20.08 |
| -20 | 32 | 1.1/4 | 1.5/8" - 12 UN | 174 | 102.9 | 64 | 50.8 | 47.6 | 20G52OFX 9OS | £51.85 | € 69.99 |

# JIC 37° FJX90M

www.flowfitonline.com
TECH. DATA SHEET
GH01

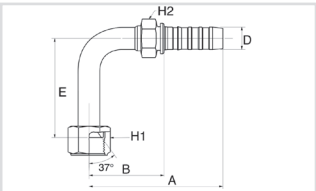



Female JIC swivel. 37° inverted cone. 90° swept elbow.
Medium drop (-6 to -20 drop dimensions meet ISO 12151-5).

| D | | | | A | B | E | H1 | H2 | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | mm | G | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | 3/4" - 16 UNF | 91 | 55.2 | 41 | 22.2 | 19.1 | 6GS8FX 9OM | £8.02 | € 10.83 |
| -8 | 12 | 1/2 | 3/4" -16 UNF | 92 | 54.6 | 41 | 22.2 | 22.2 | 8GS8FX 9OM | £7.68 | € 10.37 |
| -8 | 12 | 1/2 | 7/8" - 14 UNF | 89 | 51.5 | 47 | 27 | 22.2 | 8GS1OFX 9OM | £6.74 | € 9.09 |
| -10 | 16 | 5/8 | 7/8" - 14 UNF | 107 | 56.7 | 47 | 27 | 25.4 | 1OGS1OFX 9OM | £11.78 | € 15.91 |
| -10 | 16 | 5/8 | 1.1/16" - 12 UN | 121 | 70.7 | 58 | 31.8 | 25.4 | 1OGS12FX 9OM | £15.84 | € 21.38 |
| -12 | 20 | 3/4 | 1.1/16" - 12 UN | 119 | 68 | 58 | 31.8 | 28.6 | 12GS12FX 9OM | £8.55 | € 11.55 |
| -12 | 20 | 3/4 | 1.3/16" - 12 UN | 141 | 90 | 60 | 34.9 | 28.6 | 12GS14FX 90-060 | £26.49 | € 35.77 |
| -12 | 20 | 3/4 | 1.5/16" - 12 UN | 135 | 84 | 71 | 38.1 | 28.6 | 12GS16FX 9OM | £18.69 | € 25.24 |
| -16 | 25 | 1 | 1.5/16" - 12 UN | 144 | 87.6 | 71 | 38.1 | 38.1 | 16GS16FX 9OM | £13.37 | € 18.05 |
| -20 | 32 | 1.1/4 | 1.5/8" - 12 UN | 174 | 102.9 | 78 | 50.8 | 47.6 | 20GS2OFX 9OM | £35.32 | € 47.68 |
| -24 | 40 | 1.1/2 | 1.7/8" -12 UN | 212 | 138.4 | 89 | 60 | 55 | 24GSP24FX 90-089 | £37.61 | € 50.77 |
| -32 | 50 | 2 | 2.1/2" -12 UN | 272 | 179.7 | 140 | 75 | 65 | 32GSP32FX 90 | £45.07 | € 60.85 |

# JIC 37° FJX90L

www.flowfitonline.com
TECH. DATA SHEET
GH01




Female JIC swivel. 37° inverted cone. 90° swept elbow.

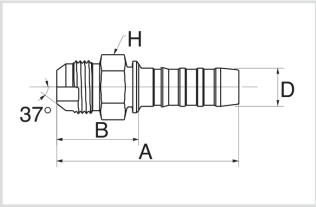
Long drop (-6 to -20 drop dimensions meet ISO 12151-5).

| D | | | | A | B | E | H1 | H2 | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | mm | G | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | 9/16" - 18 UNF | 86 | 50.2 | 54 | 19.1 | 19.1 | 6GS6FX 9OL | £23.34 | € 31.50 |
| -8 | 12 | 1/2 | 3/4" - 16 UNF | 92 | 54.6 | 64 | 22.2 | 22.2 | 8GS8FX 9OL | £45.48 | € 61.40 |
| -8 | 12 | 1/2 | 7/8" - 14 UNF | 89 | 51.5 | 70 | 27 | 22.2 | 8GS1OFX 9OL | £30.39 | € 41.03 |
| -12 | 20 | 3/4 | 1.1/16"- 12 UN | 113 | 62 | 96 | 31.8 | 28.6 | 12GS12FX 9OL | £30.72 | € 41.46 |
| -16 | 25 | 1 | 1.5/16" - 12 UN | 144 | 87.6 | 114 | 38.1 | 38.1 | 16GS16FX 9OL | £39.81 | € 53.74 |
| -16 | 25 | 1 | 1.5/8" - 12 UN | 154 | 97.6 | 129 | 50.8 | 38.1 | 16GS2OFX 9OL | £80.37 | € 108.51 |
| -20 | 32 | 1.1/4 | 1.5/8" - 12 UN | 174 | 102.9 | 129 | 50.8 | 47.6 | 20GS2OFX 9OL | £57.36 | € 77.44 |

# JIC 37° MJ

www.flowfitonline.com
TECH. DATA SHEET
GH01

Male JIC parallel. 37° cone.

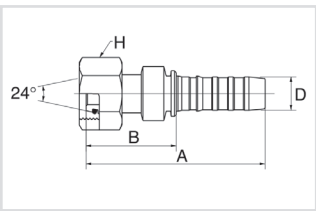



| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | 9/16" -18 UNF | 66 | 30.2 | 17.5 | 6GS6MJ | £3.39 | € 4.58 |
| -6 | 10 | 3/8 | 3/4" -16 UNF | 70 | 34.2 | 20.6 | 6GS8MJ | £5.63 | € 7.59 |
| -6 | 10 | 3/8 | 7/8" - 14 UNF | 77 | 41.2 | 23.8 | 6GS10MJ | £11.10 | € 14.99 |
| -8 | 12 | 1/2 | 3/4" - 16 UNF | 72 | 34.5 | 20.6 | 8GS8MJ | £3.27 | € 4.42 |
| -8 | 12 | 1/2 | 7/8" - 14 UNF | 75 | 37.5 | 22.2 | 8GS10MJ | £4.22 | € 5.70 |
| -10 | 16 | 5/8 | 7/8" -14 UNF | 92 | 41.7 | 23.8 | 1OGS10MJ | £6.91 | € 9.33 |
| -10 | 16 | 5/8 | 1.1/16" - 12 UN | 94 | 43.7 | 27 | 1OGS12MJ | £8.58 | € 11.58 |
| -12 | 20 | 3/4 | 1.1/16" - 12 UN | 93 | 42 | 28.6 | 12GS12MJ | £6.96 | € 9.39 |
| -12 | 20 | 3/4 | 1.3/16" - 12 UN | 94 | 43 | 31.8 | 12GS14MJ | £15.33 | € 20.69 |
| -12 | 20 | 3/4 | 1.5/16" - 12 UN | 96 | 45 | 33.3 | 12GS16MJ | £9.55 | € 12.88 |
| -16 | 25 | 1 | 1.5/16" - 12 UN | 104 | 47.2 | 34.9 | 16GS16MJ | £9.97 | € 13.46 |
| -16 | 25 | 1 | 1.5/8" -12 UN | 108.5 | 51.7 | 44.5 | 16GS20MJ | £18.82 | € 25.41 |
| -20 | 32 | 1.1/4 | 1.5/8" - 12 UN | 125 | 53.9 | 44.5 | 20GS20MJ | £26.88 | € 36.29 |
| -24 | 40 | 1.1/2 | 1.7/8" - 12 UN | 130 | 56.4 | 50 | 24GSP24MJ | £25.10 | € 33.88 |
| -32 | 50 | 2 | 2.1/2" -12 UN | 161.1 | 69.1 | 65 | 32GSP32MJ | £32.55 | € 43.95 |

# DIN 24° FDLORX

www.flowfitonline.com
TECH. DATA SHEET
GH01

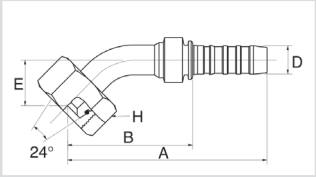
Female DIN '0' ring swivel. 24° cone. Light series.




| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | M18 x 1.5 | 73 | 37.2 | 22 | 6G512FDLORX | £4.41 | € 5.95 |
| -8 | 12 | 1/2 | M22 x 1.5 | 73 | 35.5 | 27 | 8G515FDLORX | £5.24 | € 7.07 |
| -10 | 16 | 5/8 | M26 x 1.5 | 91.8 | 41.5 | 32 | 10G518FDLORX | £6.42 | € 8.66 |
| -12 | 20 | 3/4 | M30 x 2.0 | 97 | 46 | 36 | 12G522FDLORX | £8.25 | € 11.13 |
| -12 | 20 | 3/4 | M36 x 2.0 | 99 | 48 | 41 | 12G528FDLORX | £18.23 | € 24.61 |
| -16 | 25 | 1 | M36 x 2.0 | 105 | 48.6 | 41 | 16G528FDLORX | £16.83 | € 22.71 |
| -20 | 32 | 1.1/4 | M45 x 2.0 | 132.5 | 61.4 | 50 | 20G535FDLORX | £19.72 | € 26.62 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 135.7 | 62 | 60 | 24G51342FDLORX | £26.44 | € 35.69 |

# DIN 24° FDLORX45

www.flowfitonline.com
TECH. DATA SHEET
GH01

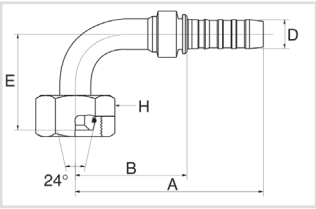



Female DIN '0' ring swivel. 24° cone. Light series.
45° swept elbow. Drop dimensions meet ISO 12151-2.

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -8 | 12 | 1/2 | M22 x 1.5 | 94.7 | 57.2 | 20.2 | 27 | 8G515FDLORX45 | £11.23 | € 15.16 |
| -12 | 20 | 3/4 | M30 x 2.0 | 135.8 | 84.8 | 29.8 | 36 | 12G522FDLORX45 | £20.74 | € 27.99 |
| -16 | 25 | 1 | M36 x 2.0 | 155.5 | 99.1 | 30.9 | 41 | 16G528FDLORX45 | £18.88 | € 25.49 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 208.9 | 135.2 | 44 | 60 | 24G51342FDLORX45 | £34.08 | € 46.02 |

# DIN 24° FDLORX90

www.flowfitonline.com
TECH. DATA SHEET
GH01

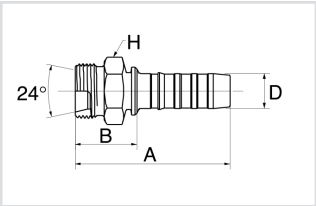



Female DIN '0' ring swivel. 24° cone. Light series.
90° swept elbow. Drop dimensions meet ISO 12151-2.

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | M18 x 1.5 | 78 | 42.2 | 37 | 22 | 6G512FDLORX90 | £8.85 | € 11.94 |
| -8 | 12 | 1/2 | M22 x 1.5 | 88 | 50.5 | 42 | 27 | 8G515FDLORX90 | £11.25 | € 15.20 |
| -10 | 16 | 5/8 | M26 x 1.5 | 113.5 | 63.2 | 51.5 | 32 | 10G518FDLORX90 | £13.91 | € 18.78 |
| -12 | 20 | 3/4 | M30 x 2.0 | 126 | 75 | 62 | 36 | 12G522FDLORX90 | £20.74 | € 27.99 |
| -16 | 25 | 1 | M36 x 2.0 | 151 | 94.6 | 70 | 41 | 16G528FDLORX90 | £18.88 | € 25.49 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 194.6 | 120.9 | 92 | 60 | 24G51342FDLORX90 | £34.08 | € 46.02 |

# DIN 24° MDL

www.flowfitonline.com
TECH. DATA SHEET
GH01

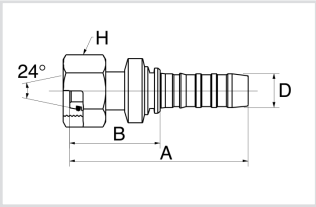



Male DIN parallel. 24° inverted cone. Light series.

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | M18 x 1.5 | 60 | 24.2 | 19 | 6GS12MDL | £4.94 | € 6.66 |
| -8 | 12 | 1/2 | M22 x 1.5 | 63 | 25.5 | 24 | 8GS15MDL | £4.46 | € 6.03 |
| -10 | 16 | 5/8 | M26 x 1.5 | 76.5 | 26.2 | 27 | 1OGS18MDL | £7.51 | € 10.13 |
| -12 | 20 | 3/4 | M30 x 2.0 | 79.5 | 28.5 | 32 | 12GS22MDL | £15.60 | € 21.05 |
| -16 | 25 | 1 | M36 x 2.0 | 90 | 33.2 | 41 | 16GS28MDL | £17.45 | € 23.57 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 120 | 46.4 | 55 | 24GSP42MDL | £25.26 | € 34.11 |

# DIN 24° FDHORX

www.flowfitonline.com
TECH. DATA SHEET
GH01

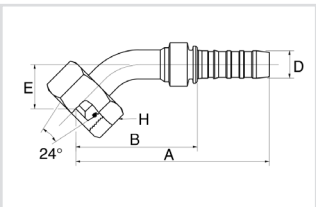



Female DIN 'O ring swivel. 24° cone. Heavy series.

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | M20 x 1.5 | 73 | 37.2 | 24 | 6GS12FDHORX | £4.62 | € 6.24 |
| -6 | 10 | 3/8 | M22 x 1.5 | 75.5 | 39.7 | 27 | 6GS14FDHORX | £5.68 | € 7.67 |
| -8 | 12 | 1/2 | M22 x 1.5 | 76.5 | 38.9 | 27 | 8GS14FDHORX | £36.27 | € 48.96 |
| -8 | 12 | 1/2 | M24 x 1.5 | 79 | 41.5 | 30 | 8GS16FDHORX | £5.91 | € 7.97 |
| -8 | 12 | 1/2 | M30 x 2.0 | 82 | 44.5 | 36 | 8GS2OFDHORX | £10.26 | € 13.86 |
| -10 | 16 | 5/8 | M30 x 2.0 | 100 | 49.7 | 36 | 1OGS2OFDHORX | £6.72 | € 9.07 |
| -10 | 16 | 5/8 | M36 x 2.0 | 104 | 53.7 | 46 | 1OGS25FDHORX | £24.41 | € 32.95 |
| -12 | 20 | 3/4 | M30 x 2.0 | 103 | 52 | 36 | 12GS2OFDHORX | £9.34 | € 12.61 |
| -12 | 20 | 3/4 | M36 x 2.0 | 107.4 | 56.4 | 46 | 12GS25FDHORX | £12.34 | € 16.66 |
| -12 | 20 | 3/4 | M42 x 2.0 | 97 | 46 | 50 | 12GS3OFDHORX | £25.88 | € 34.94 |
| -16 | 25 | 1 | M36 x 2.0 | 116 | 59.6 | 46 | 16GS25FDHORX | £14.73 | € 19.88 |
| -16 | 25 | 1 | M42 x 2.0 | 118 | 61.6 | 50 | 16GS3OFDHORX | £16.76 | € 22.63 |
| -20 | 32 | 1.1/4 | M52 x 2.0 | 145 | 73.9 | 60 | 20GS38FDHORX | £23.55 | € 31.80 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 180 | 85 | 60 | 24GSH38FDHORX | £24.71 | € 33.36 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 150 | 76.3 | 60 | 24GSP38FDHORX | £27.26 | € 36.80 |

# DIN 24° FDHORX45

www.flowfitonline.com
TECH. DATA SHEET
GH01

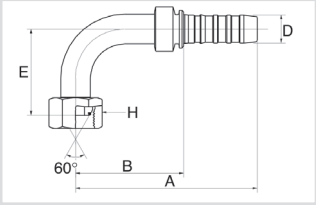



Female DIN '0' ring swivel. 24° cone. Heavy series.
45° swept elbow. Drop dimensions meet ISO 12151-2.

| D | | | | A | B | E | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | M20 x 1.5 | 86.7 | 50.8 | 18.9 | 24 | 6G512FDHORX45 | £6.87 | € 9.28 |
| -6 | 10 | 3/8 | M22 x 1.5 | 88.8 | 53 | 21 | 27 | 6G514FDHORX45 | £12.86 | € 17.37 |
| -8 | 12 | 1/2 | M24x 1.5 | 96.1 | 58.7 | 21.6 | 30 | 8G516FDHORX45 | £10.34 | € 13.95 |
| -10 | 16 | 5/8 | M30 x 2.0 | 121.6 | 71.3 | 24.9 | 36 | 10G520FDHORX45 | £11.56 | € 15.61 |
| -12 | 20 | 3/4 | M30 x 2.0 | 160.9 | 109.9 | 29.8 | 36 | 12G520FDHORX45 | £19.19 | € 25.91 |
| -12 | 20 | 3/4 | M36 x 2.0 | 137.3 | 86.3 | 31.2 | 46 | 12G525FDHORX45 | £17.17 | € 23.19 |
| -16 | 25 | 1 | M36 x 2.0 | 159.7 | 103.3 | 35.1 | 46 | 16G525FDHORX45 | £28.89 | € 39.00 |
| -16 | 25 | 1 | M42 x 2.0 | 159.7 | 103.3 | 35.1 | 50 | 16G530FDHORX45 | £22.23 | € 30.00 |
| -20 | 32 | 1.1/4 | M52 x 2.0 | 196 | 124.9 | 42.5 | 60 | 20G538FDHORX45 | £42.04 | € 56.76 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 236.9 | 141.9 | 44 | 60 | 24G5I-138FDHORX45 | £42.57 | € 57.48 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 208.9 | 135.2 | 44 | 60 | 24G51338FDHORX45 | £42.57 | € 57.48 |

# DIN 24° FDHORX90

www.flowfitonline.com
TECH. DATA SHEET
GH01

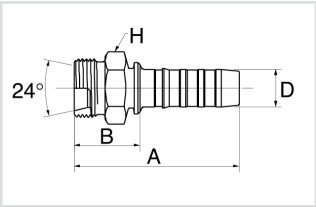



Female DIN '0' ring swivel. 24° cone. Heavy series.
90° swept elbow. Drop dimensions meet ISO 12151-2.

| D | | | | A | B | E | H | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | mm | G | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | M20 x 1.5 | 78 | 42.2 | 37 | 24 | 6G512FDHORX90 | £8.06 | € 10.88 |
| -6 | 10 | 3/8 | M22 x 1.5 | 78 | 42.2 | 40 | 27 | 6G514FDHORX90 | £12.63 | € 17.04 |
| -8 | 12 | 1/2 | M24x 1.5 | 88 | 50.5 | 44 | 30 | 8G516FDHORX90 | £10.31 | € 13.92 |
| -10 | 16 | 5/8 | M30 x 2.0 | 112.5 | 62.2 | 51 | 36 | 10G520FDHORX90 | £11.56 | € 15.61 |
| -12 | 20 | 3/4 | M30 x 2.0 | 126 | 75 | 62 | 36 | 12G520FDHORX90 | £19.19 | € 25.91 |
| -12 | 20 | 3/4 | M36 x 2.0 | 126 | 75 | 64 | 46 | 12G525FDHORX90 | £17.17 | € 23.19 |
| -16 | 25 | 1 | M36 x 2.0 | 151 | 94.6 | 76 | 46 | 16G525FDHORX90 | £28.89 | € 39.00 |
| -16 | 25 | 1 | M42 x 2.0 | 151 | 94.6 | 76 | 50 | 16G530FDHORX90 | £22.23 | € 30.00 |
| -20 | 32 | 1.1/4 | M52 x 2.0 | 180.5 | 109.4 | 87 | 60 | 20G538FDHORX90 | £42.04 | € 56.76 |
| -24 | 40 | 1.1/2 | M52 x 2.0 | 194.6 | 121 | 92 | 60 | 24G51338FDHORX90 | £42.04 | € 56.76 |

# DIN 24° MDH

www.flowfitonline.com
TECH. DATA SHEET
GH01

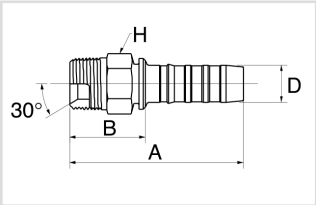



Male DIN parallel. 24° inverted cone. Heavy series.

| D | | | | A | B | H | REF. | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | M20 x 1.5 | 63.7 | 27.9 | 22 | 6GS12MDH | £4.92 | € 6.65 |
| -6 | 10 | 3/8 | M22 x 1.5 | 65.7 | 29.9 | 24 | 6GS14MDH | £6.39 | € 8.63 |
| -8 | 12 | 1/2 | M24 x 1.5 | 67.5 | 30 | 27 | 8GS16MDH | £5.78 | € 7.80 |
| -10 | 16 | 5/8 | M30 x 2.0 | 85 | 34.7 | 32 | lOGS20MDH | £8.16 | € 11.03 |
| -12 | 20 | 3/4 | M30 x 2.0 | 85 | 34 | 32 | 12GS20MDH | £11.57 | € 15.62 |
| -12 | 20 | 3/4 | M36 x 2.0 | 89 | 38 | 41 | 12GS25MDH | £10.09 | € 13.62 |
| -12 | 20 | 3/4 | M42 x 2.0 | 95 | 44 | 46 | 12GS30MDH | £15.60 | € 21.05 |
| -16 | 25 | 1 | M36 x 2.0 | 97 | 40.2 | 41 | 16GS25MDH | £19.94 | € 26.91 |
| -16 | 25 | 1 | M42 x 2.0 | 99 | 42.2 | 46 | 16GS30MDH | £15.95 | € 21.54 |
| -20 | 32 | 1.1/4 | M52 x 2.0 | 123 | 51.9 | 55 | 20GS38MDH | £28.36 | € 38.29 |

# NPTF MP

www.flowfitonline.com
TECH. DATA SHEET
GH01




Male NPTF pipe. 30°

| D | | | | A | B | H | REF. | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | DN | " | | mm | mm | mm | G | NETT. PRICE | |
| | | | | | | | | £ STERLING | € EUROS |
| -6 | 10 | 3/8 | 3/8" -18 NPTF | 69 | 33.2 | 17.5 | 6GS6MP | £3.06 | € 4.13 |
| -6 | 10 | 3/8 | 1/2" -14 NPTF | 73 | 37.2 | 22.2 | 6GS8MP | £8.62 | € 11.63 |
| -8 | 12 | 1/2 | 1/2" - 14 NPTF | 74 | 36.5 | 22.2 | 8GS8MP | £3.64 | € 4.91 |
| -8 | 12 | 1/2 | 3/4" - 14 NPTF | 77 | 39.5 | 27 | 8GS12MP | £17.37 | € 23.45 |
| -10 | 16 | 5/8 | 1/2" -14 NPTF | 87 | 36.7 | 23.8 | IOGS8MP | £14.73 | € 19.88 |
| -10 | 16 | 5/8 | 3/4" - 14 NPTF | 91 | 40.7 | 28.6 | 10GS12MP | £30.13 | € 40.68 |
| -12 | 20 | 3/4 | 3/4" -14 NPTF | 90 | 39 | 27 | 12GS12MP | £5.51 | € 7.44 |
| -12 | 20 | 3/4 | 1" - 11.5 NPTF | 97 | 46 | 34.9 | 12GS16MP | £15.88 | € 21.44 |
| -16 | 25 | 1 | 3/4" - 14 NPTF | 101 | 44.2 | 34.9 | 16GS12MP | £44.83 | € 60.52 |
| -16 | 25 | 1 | 1" - 11.5 NPTF | 106 | 49.2 | 34.9 | 16GS16MP | £10.63 | € 14.34 |
| -16 | 25 | 1 | 1.1/4" - 11.5 NPTF | 109 | 52.2 | 44.5 | 16GS2OMP | £29.75 | € 40.17 |
| -20 | 32 | 1.1/4 | 1.1/4" - 11.5 NPTF | 127 | 55.9 | 44.5 | 20GS2OMP | £25.40 | € 34.29 |
| -24 | 40 | 1.1/2 | 1.1/2"- 11.5 NPTF | 133 | 59.4 | 50.8 | 24GSP24MP | £25.80 | € 34.83 |
| -32 | 50 | 2 | 2" - 11.5 NPTF | 153.7 | 61.7 | 63.5 | 32GSP32MP | £29.51 | € 39.83 |

## HYDRAULIC COMPONENTS

# MINTOR ACCESSORIES FOR HYDRAULIC COMPONENTS


| PRODUCT | PAGE |
|---|---|
| BREATHER PLUGS | 502 |
| MAGNETIC PLUGS | 508 |
| DRAIN FILLING PLUGS | 511 |
| VISUAL LEVEL INDICATORS | 514 |
| FILLING PLUGS | 526 |
| PLUGS ON INCLINED FLANGE | 532 |











QUALITY PRODUCTS

FREE ADVICE

FOR SALES & ADVICE CALL US 01584 876033

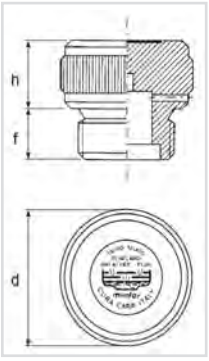
# BREATHER PLUGS

## TCF/Z - FILLING PLUG WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Threaded plug with knurled round head for hand-tightening.
- Hole for venting internal pressure.
- For application only on upper part of the crankcase away from moving parts.
- For applications requiring extra-tight sealing, type TSFT/N is recommended.






| TYPE | CODE | GAS | h | f | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TCF/ZOG | 1GCFZOOA | 1/8” | 12 | 8 | 20 | £2.04 | € 2.75 |
| TCF/Z1G | 1GCFZ10A | 1/4” | 12 | 8 | 22 | £2.35 | € 3.18 |
| TCF/Z2G | 1 GCFZ20A | 3/8” | 13,5 | 10 | 26 | £2.73 | € 3.69 |
| TCF/ZOG | 1GCFZ30A | 1/2” | 16,5 | 10 | 30 | £3.08 | € 4.16 |
| TCF/Z4G | 1 GCFZ40A | 3/4” | 20 | 12 | 40 | £5.19 | € 7.01 |
| TCF/Z5G | 1GCFZ50A | 1” | 21,5 | 14 | 45 | £7.54 | € 10.17 |
| TCF/ZOG | 1GCFZ60A | 1”1/4 | 20 | 15 | 55 | £11.39 | € 15.38 |
| TCF/Z7G | 1 GCFZ70A | 1”1/2 | 20 | 15 | 55 | £13.63 | € 18.40 |
| TCF/Z8G | 1 GCFZ80A | 2” | 20 | 17 | 70 | £25.17 | € 33.99 |

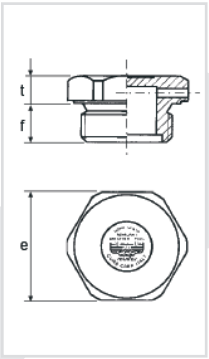
| TYPE | CODE | MB SERIES | h | f | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TCF/ZOM | 1 MCFZOOA | 1 0 x 1 | 12 | 8 | 20 | £2.04 | € 2.75 |
| TCF/Z1 M | 1MCFZ10A | 14 x 1,5 | 12 | 8 | 22 | £2.35 | € 3.18 |
| TCF/Z2M | 1MCFZ20A | 16 x 1,5 | 12 | 10 | 26 | £2.73 | € 3.69 |
| TCF/ZOM | 1MCFZ30A | 18 x 1,5 | 12 | 10 | 26 | £3.05 | € 4.11 |
| TCF/Z4M | 1 MCFZ40A | 20 x 1,5 | 15 | 10 | 30 | £3.07 | € 4.14 |
| TCF/Z5M | 1MCFZ50A | 22 x 1,5 | 15 | 10 | 30 | £3.08 | € 4.16 |
| TCF/ZOM | 1MCFZ60A | 24 x 2 | 15 | 12 | 36 | £5.40 | € 7.29 |
| TCF/Z7M | 1 MCFZ70A | 30 x 2 | 20 | 12 | 42 | £6.98 | € 9.42 |
| TCF/Z8M | 1 MCFZ80A | 33 x 2 | 21,5 | 14 | 45 | £7.54 | € 10.17 |

## TCF - FILLING PLUG WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Hole for venting internal pressure.
- For application only on upper part of the crankcase away from moving parts.
- For applications requiring extra-tight sealing, type TSFT/N is recommended.






| TYPE | CODE | GAS | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TCFOG | 1 GTC FOOA | 1/8” | 5 | 8 | 14 | £1.75 | € 2.37 |
| TCF1 G | 1GTCF10A | 1/4” | 7,5 | 8 | 17 | £1.93 | € 2.61 |
| TCF2G | 1GTCF20A | 3/8” | 8,5 | 10 | 22 | £2.00 | € 2.70 |
| TCFOG | 1GTCF30A | 1/2” | 8,5 | 10 | 27 | £2.67 | € 3.60 |
| TCF4G | 1 GTCF40A | 3/4” | 9,5 | 12 | 32 | £3.79 | € 5.12 |
| TCFOG | 1GTCF50A | 1” | 9,5 | 14 | 40 | £6.13 | € 8.28 |
| TCFOG | 1GTCF60A | 1”1/4 | 10 | 15 | 50 | £10.13 | € 13.67 |
| TCF7G | 1GTCF70A | 1”1/2 | 10 | 15 | 55 | £12.20 | € 16.48 |
| TCFOG | 1 GTCF80A | 2” | 12 | 17 | 70 | £24.40 | € 32.94 |

| TYPE | CODE | MB SERIES | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TCFOM | 1 MTC FOOA | 1 0 x 1 | 5 | 8 | 14 | £1.75 | € 2.37 |
| TCF1M | 1MTCF10A | 14 x 1,5 | 6 | 8 | 17 | £1.93 | € 2.61 |
| TCF2M | 1MTCF20A | 16 x 1,5 | 7 | 10 | 22 | £2.00 | € 2.70 |
| TCF3M | 1MTCF30A | 18 x 1,5 | 7 | 10 | 22 | £2.42 | € 3.26 |
| TCF4M | 1 MTCF40A | 20 x 1,5 | 7 | 10 | 24 | £2.74 | € 3.70 |
| TCF5M | 1MTCF50A | 22 x 1,5 | 8,5 | 10 | 27 | £2.67 | € 3.60 |
| TCF6M | 1MTCF60A | 24 x2 | 8 | 12 | 30 | £4.40 | € 5.93 |
| TCF7M | 1MTCF70A | 26 x1,5 | 8 | 12 | 32 | £5.00 | € 6.75 |
| TCF8M | 1 MTCF80A | 30 x2 | 8 | 12 | 36 | £6.34 | € 8.55 |
| TCF9M | 1MTCF90A | 33 x2 | 8 | 14 | 40 | £6.83 | € 9.21 |
| TCF1OM | 1MTCF91A | 42 x3 | 10 | 15 | 50 | £10.13 | € 13.67 |
| TCF11M | 1 MTCF92A | 48 x3 | 10 | 15 | 55 | £12.20 | € 16.48 |
| TCF12M | 1MTCF93A | 60 x 4 | 12 | 17 | 70 | £24.40 | € 32.94 |

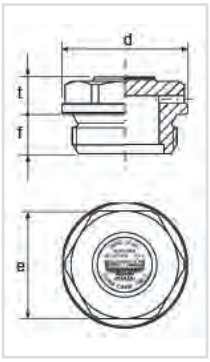
# TCF/F - FILLING PLUG WITH BREATHER AND MILLED HEAD

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Hole for venting internal pressure.
- The milled head produces a crown with greater adherence area to the crankcase.
- For application only on upper part of the crankcase away from moving parts.
- For applications requiring extra-tight sealing, type TSFT/N is recommended



| TYPE | CODE | GAS | d | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TCF/FOG | 1G F/FOOA | 1/8" | 14 | 7 | 8 | 10 | £1.62 | € 2.19 |
| TCF/F1G | 1G F/F10A | 1/4" | 20 | 9,5 | 8 | 17 | £1.94 | € 2.62 |
| TCF/F2G | 1G F/F20A | 3/8" | 22 | 10 | 9 | 18 | £1.99 | € 2.68 |
| TCF/FOG | 1G F/F30A | 1/2" | 28 | 10,5 | 11 | 22 | £2.59 | € 3.50 |
| TCF/F4G | 1G F/F40A | 3/4" | 32 | 10,5 | 12 | 27 | £1.58 | € 2.13 |
| TCF/F5G | 1G F/F50A | 1" | 40 | 12 | 12,5 | 34 | £5.84 | € 7.88 |




| TYPE | CODE | MB SERIES | d | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TCF/FOM | 1MF/FOOA | 10 x 1 | 14 | 7 | 8 | 10 | £1.62 | € 2.19 |
| TCF/F1M | 1MF/F10A | 14 x 1,5 | 20 | 8 | 8 | 17 | £1.94 | € 2.62 |
| TCF/F2M | 1MF/F20A | 16 x 1,5 | 22 | 10 | 9 | 18 | £1.99 | € 2.68 |
| TCF/FOM | 1MF/F30A | 18 x 1,5 | 26 | 8 | 9 | 20 | £2.18 | € 2.95 |
| TCF/F4M | 1M F/F40A | 20 x 1,5 | 28 | 9 | 11 | 22 | £2.46 | € 3.33 |
| TCF/F5M | 1M F/F50A | 22 x 1,5 | 28 | 10,5 | 11 | 22 | £2.59 | € 3.50 |

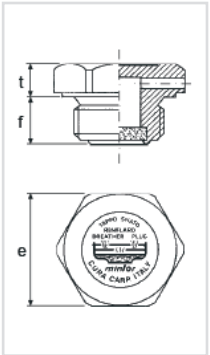
# TCFS - FILLING PLUG AND BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Threaded plug with hex head and with hole and a spherical bronze filter which vent internal pressure and keep out foreign bodies during the intake stroke.
- The built-in filter has a filtration degree of 40 microns.
- The TCFS is especially suitable in dusty environments and with very small encumbrance.



| TYPE | CODE | GAS | t | f | e | µ | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TCFS1G | 1GCFS10A | 1/4" | 7,5 | 8 | 17 | 40 | £2.82 | € 3.80 |
| TCFS2G | 1 GCFS20A | 3/8" | 8,5 | 9 | 22 | 40 | £3.24 | € 4.37 |
| TCFS3G | 1GCFS30A | 1/2" | 7 | 12 | 27 | 40 | £4.69 | € 6.33 |
| TCFS4G | 1GCFS40A | 3/4" | 8 | 14 | 32 | 40 | £6.06 | € 8.18 |
| TCFS5G | 1GCFS50A | 1" | 8 | 16 | 40 | 40 | £8.58 | € 11.58 |




| TYPE | CODE | MB SERIES | t | f | e | µ | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TCFS1M | 1MCFS10A | 14 x 1,5 | 6 | 8 | 17 | 40 | £2.82 | € 3.80 |
| TCFS2M | 1MCFS20A | 16 x 1,5 | 7 | 9 | 22 | 40 | £3.25 | € 4.38 |
| TCFS3M | 1MCFS30A | 18 x 1,5 | 7 | 9 | 22 | 40 | £3.84 | € 5.19 |
| TCFS4M | 1 MCFS40A | 20 x 1,5 | 7 | 12 | 24 | 40 | £4.65 | € 6.29 |
| TCFS5M | 1 MCFS50A | 22 x 1,5 | 7 | 12 | 27 | 40 | £4.69 | € 6.33 |

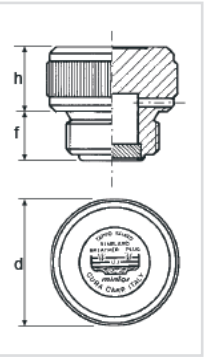
# TCSF/Z - FILLING PLUG AND BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Threaded plug with knurled round head for hand-tightening.
- The hole and a spherical bronze filter vent internal pressure and keep out foreign bodies during the intake stroke.
- The built-in filter has a filtration degree of 40 microns.
- The TCSF/Z is therefore especially suitable in dusty environments and is recommended for applications on Hydraulic Units.



| TYPE | CODE | GAS | h | f | d | μ | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TCSF/Z1G | 1GSFZ10A | 1/4” | 12 | 8 | 22 | 40 | £3.80 | € 5.13 |
| TCSF/Z2G | 1GSFZ20A | 3/8” | 12 | 10 | 26 | 40 | £4.34 | € 5.86 |
| TCSF/Z3G | 1GSFZ30A | 1/2” | 16,5 | 12 | 30 | 40 | £5.16 | € 6.97 |
| TCSF/Z4G | 1GSFZ40A | 3/4” | 20 | 13,5 | 40 | 40 | £7.54 | € 10.17 |
| TCSF/Z5G | 1GSFZ50A | 1” | 21,5 | 14 | 45 | 40 | £9.99 | € 13.49 |
| TCSF/Z6G | 1GSFZ60A | 1” 1/4 | 21,5 | 16 | 55 | 200 | £14.05 | € 18.96 |
| TCSF/Z7G | 1GSFZ70A | 1” 1/2 | 21,5 | 16 | 55 | 200 | £16.26 | € 21.96 |
| TCSF/Z8G | 1GSFZ80A | 2” | 20 | 17 | 70 | 200 | £25.10 | € 33.88 |




| TYPE | CODE | MB SERIES | h | f | d | μ | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TCSF/Z1M | 1MSFZ10A | 14 x 1,5 | 12 | 8 | 22 | 40 | £3.80 | € 5.13 |
| TCSF/Z2M | 1MS FZ20A | 16 x 1,5 | 12 | 10 | 26 | 40 | £4.34 | € 5.86 |
| TCSF/Z3M | 1MS FZ30A | 18 x 1,5 | 12 | 10 | 26 | 40 | £4.75 | € 6.42 |
| TCSF/Z4M | 1MS FZ40A | 20 x 1,5 | 15 | 12 | 30 | 40 | £5.41 | € 7.30 |
| TCSF/Z5M | 1MS FZ50A | 22 x 1,5 | 15 | 12 | 30 | 40 | £5.45 | € 7.37 |
| TCSF/Z6M | 1MS FZ60A | 24 x 2 | 15 | 13,5 | 36 | 40 | £6.90 | € 9.32 |
| TCSF/Z7M | 1MS FZ70A | 30 x 2 | 20 | 14 | 42 | 40 | £8.83 | € 11.92 |
| TCSF/Z8M | 1MS FZ80A | 33 x 2 | 20 | 14 | 45 | 40 | £9.99 | € 13.49 |

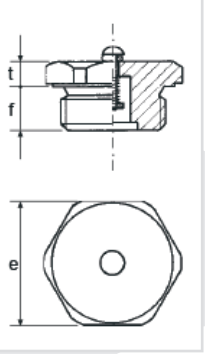
# TMV - BREATHER PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Breather plug with 0-ring and external valve with an inox spring calibrated from 0,10 to 0,15 bar.
- It opens at intervals and vents internal pressure.
- The valve has the double function of keeping out foreign bodies and avoid fluid leakage.
- It is especially recommended for Differentials, Transmissions and small Speed Reducers.



| TYPE | CODE | GAS | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TMVOG | 1GTMVO0A | 1/8” | 5 | 8 | 14 | £2.70 | € 3.65 |
| TMV1G | 1GTMV10A | 1/4” | 6 | 8 | 17 | £2.88 | € 3.89 |
| TMV2G | 1GTMV20A | 3/8” | 7 | 10 | 22 | £3.43 | € 4.63 |
| TMVOG | 1GTMV30A | 1/2” | 7 | 10 | 27 | £4.20 | € 5.67 |
| TMV4G | 1GTMV40A | 3/4” | 8 | 12 | 32 | £6.30 | € 8.50 |
| TMVOG | 1GTMV50A | 1” | 8 | 14 | 40 | £8.02 | € 10.83 |




| TYPE | CODE | MB SERIES | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TMVOM | 1MTMVO0A | 1 0 x 1 | 5 | 8 | 14 | £2.70 | € 3.65 |
| TMV1M | 1MTMV10A | 12 x 1,5 | 6 | 8 | 17 | £2.70 | € 3.65 |
| TMV2M | 1MTMV20A | 14 x 1,5 | 6 | 8 | 17 | £2.88 | € 3.89 |
| TMVOM | 1MTMV30A | 16 x 1,5 | 7 | 10 | 22 | £3.43 | € 4.63 |
| TMV4M | 1MTMV40A | 18 x 1,5 | 7 | 10 | 22 | £3.93 | € 5.30 |
| TMVOM | 1MTMV50A | 20 x 1,5 | 7 | 10 | 24 | £4.44 | € 5.99 |
| TMVOM | 1MTMV60A | 22 x 1,5 | 7 | 10 | 27 | £4.20 | € 5.67 |

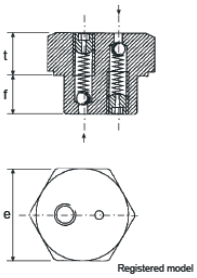
# TSVV - BREATHER PLUG WITH DOUBLE VALVE

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Breather plug with double valve made of hardened and tempered light alloy. It is provided with standard 0,10 bar calibration, which can be adjusted by the operator depending on the intended use.
- The double valve ensures venting of internal pressure and inlet of air when the flow medium level decreases thus hindering cavitation on delivery.
- Particularly suitable for Tanks, Oil-hydraulic Circuits and Hydraulically Operated Lifting Machines.



| TYPE | CODE | GAS | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TSVV1G | 1GSVV10A | 1/4" | 10 | 10 | 17 | £6.13 | € 8.28 |
| TSVV2G | 1GSVV20A | 3/8" | 10 | 10 | 22 | £6.50 | € 8.78 |
| TSVV3G | 1GSVV30A | 1/2" | 10 | 10 | 27 | £7.91 | € 10.67 |
| TSVV4G | 1GSVV40A | 3/4" | 8 | 12 | 32 | £10.58 | € 14.29 |
| TSVV5G | 1GSVV50A | 1" | 8 | 14 | 40 | £15.94 | € 21.52 |
| TSVV/Z7G | 1GSVVZ70 | 1" 1/2 | 31 | 14 | 55 | £43.50 | € 58.73 |
| TSVV/Z8G | 1GSVVZ80 | 2" | 31 | 14 | 70 | £52.08 | € 70.31 |




| TYPE | CODE | MB SERIES | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TSVVOM | 1MSVVO0A | 12 x 1,5 | 10 | 10 | 17 | £6.13 | € 8.28 |
| TSVV1M | 1MSVV10A | 14 x 1,5 | 10 | 10 | 17 | £6.13 | € 8.28 |
| TSVV2M | 1MSVV20A | 16 x 1,5 | 10 | 10 | 22 | £6.50 | € 8.78 |
| TSVVOM | 1MSVV30A | 18 x 1,5 | 10 | 10 | 22 | £7.18 | € 9.70 |
| TSVV4M | 1MSVV40A | 20 x 1,5 | 10 | 10 | 24 | £7.65 | € 10.32 |
| TSVVOM | 1MSVV50A | 22 x 1,5 | 10 | 10 | 27 | £7.91 | € 10.67 |
| TSVVOM | 1MSVV60A | 24 x 1,5 | 10 | 10 | 30 | £11.80 | € 15.94 |
| TSVV7M | 1MSVV70A | 26 x 1,5 | 8 | 12 | 32 | £13.67 | € 18.46 |
| TSVVOM | 1MSVV80A | 30 x 2 | 8 | 12 | 36 | £15.22 | € 20.54 |
| TSVV9M | 1MSVV90A | 33 x 2 | 8 | 14 | 40 | £15.94 | € 21.52 |

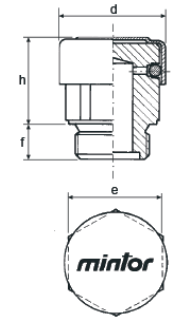
# TSFO/R - BREATHER PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Oil filling and breather plug with galvanized-steel cover.
- Large internal chamber with 0-ring especially designed for Agricultural and Earth- moving Machines, to be applied wherever there is strong sloshing of the fluids.



| TYPE | CODE | GAS | d | h | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TSFO/ROG | 1GTOROOM | 1/8" | 21 | 21 | 8 | 17 | £2.70 | € 3.65 |
| TSFO/R1 G | 1GTOR1OM | 1/4" | 21 | 21 | 8 | 17 | £2.86 | € 3.87 |
| TSFO/R2G | 1GTOR2OM | 3/8" | 24 | 23 | 9 | 20 | £3.03 | € 4.09 |
| TSFO/R3G | 1GTOR3OM | 1/2" | 30 | 26 | 10 | 27 | £4.02 | € 5.42 |
| TSFO/R4G | 1GTOR4OM | 3/4" | 30 | 24 | 12 | 32 | £5.61 | € 7.57 |
| TSFO/R5G | 1GTOR5OM | 1" | 38 | 29 | 14 | 40 | £8.61 | € 11.62 |



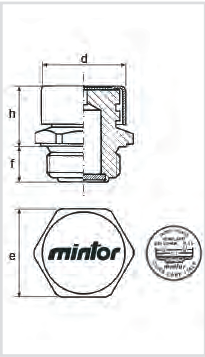

| TYPE | CODE | MB SERIES | d | h | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TSFO/ROM | 1MTOROOM | 10 x 1 | 21 | 21 | 8 | 17 | £2.70 | € 3.65 |
| TSFO/R1 M | 1MTOR1OM | 14 x 1,5 | 21 | 21 | 8 | 17 | £2.86 | € 3.87 |
| TSFO/R2M | 1MTOR2OM | 16 x 1,5 | 24 | 23 | 9 | 20 | £3.03 | € 4.09 |
| TSFO/R3M | 1MTOR3OM | 18 x 1,5 | 30 | 26 | 10 | 27 | £3.03 | € 4.09 |
| TSFO/R4M | 1MTOR4OM | 20 x 1,5 | 30 | 26 | 10 | 27 | £3.93 | € 5.30 |
| TSFO/R5M | 1MTOR5OM | 22 x 1,5 | 30 | 26 | 10 | 27 | £4.02 | € 5.42 |

# TSF - OIL FILLING PLUG WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- A galvanized-steel cover and a spherical bronze filter vent internal pressure and keep out foreign bodies during the intake stroke.
- The built-in filter has a filtration degree of 40 microns.
- The TSF is therefore especially suitable in dusty environments and is recommended for applications on Hydraulic Units and Cylinders.






| TYPE | CODE | GAS | d | h | f | e | µ | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TSF1G | 1GTSF1OM | 1/4" | 16,5 | 17 | 8 | 17 | 40 | £3.99 | € 5.38 |
| TSF2G | 1GTSF2OM | 3/8" | 22 | 19 | 10 | 22 | 40 | £4.85 | € 6.54 |
| TSF3G | 1GTSF3OM | 1/2" | 26 | 21 | 12 | 27 | 40 | £5.85 | € 7.91 |
| TSF4G | 1GTSF4OM | 3/4" | 30 | 24 | 14 | 32 | 40 | £8.08 | € 10.91 |
| TSF5G | 1GTSF5OM | 1" | 38 | 29 | 16 | 40 | 40 | £11.48 | € 15.50 |
| TSF6G | 1GTSF60A | 1"1/4 | 50 | 33 | 16 | 50 | 200 | £19.22 | € 25.95 |
| TSF7G | 1GTSF70A | 1"1/2 | 55 | 35 | 16 | 55 | 200 | £26.18 | € 35.34 |
| TSF8G | 1GTSF80A | 2" | 70 | 40 | 16 | 70 | 200 | £48.58 | € 65.58 |

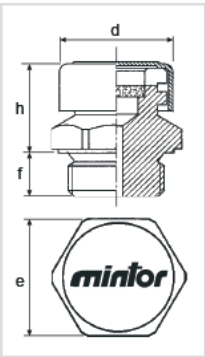
| TYPE | CODE | MB SERIES | d | h | f | e | µ | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TSF1M | 1MTSF1OM | 14 x 1,5 | 16,5 | 17 | 8 | 17 | 40 | £3.99 | € 5.38 |
| TS F2M | 1MTSF2OM | 16 x 1,5 | 22 | 19 | 10 | 22 | 40 | £4.85 | € 6.54 |
| TS F3M | 1MTSF3OM | 18 x 1,5 | 22 | 19 | 10 | 22 | 40 | £5.41 | € 7.30 |
| TSF4M | 1MTSF4OM | 20 x 1,5 | 24 | 21 | 12 | 24 | 40 | £5.80 | € 7.83 |
| TSF5M | 1MTSF5OM | 22x 1,5 | 26 | 21 | 12 | 27 | 40 | £5.85 | € 7.91 |
| TSF6M | 1MTSF6OM | 24 x 2 | 30 | 24 | 12 | 30 | 40 | £10.32 | € 13.94 |
| TSF7M | 1MTSF7OM | 30 x 2 | 30 | 25 | 14 | 36 | 40 | £11.05 | € 14.91 |
| TSF8M | 1MTSF8OM | 33 x 2 | 38 | 29 | 16 | 40 | 40 | £11.48 | € 15.50 |
| TSF9M | 1MTSF90A | 42 x 3 | 50 | 33 | 16 | 50 | 200 | £19.22 | € 25.95 |
| TSF1OM | 1MTSF91A | 48 x 3 | 55 | 35 | 16 | 55 | 200 | £26.18 | € 35.34 |
| TSF11M | 1MTSF92A | 60 x 4 | 70 | 40 | 16 | 70 | 200 | £48.58 | € 65.58 |

# TSFA - OIL FILLING PLUG AND BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- A galvanized-steel cover and a spherical bronze filter vent internal pressure and keep out foreign bodies during the intake stroke.
- The built-in filter has a filtration degree of 40 microns.
- The TSFA is therefore especially suitable in dusty environments and is recommended for applications in the motor field.






| TYPE | CODE | GAS | d | h | f | e | µ | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TSFAOG | 1GTS FAOM | 1/8" | 16,5 | 16 | 8 | 14 | 40 | £3.15 | € 4.26 |
| TSFA1G | 1GTSFA1M | 1/4" | 16,5 | 17 | 8 | 17 | 40 | £3.33 | € 4.49 |
| TSFA2G | 1GTSFA2M | 3/8" | 22 | 19 | 11 | 22 | 40 | £4.17 | € 5.63 |
| TSFAOG | 1GTSFA3M | 1/2" | 26 | 20 | 11 | 27 | 40 | £5.23 | € 7.05 |
| TSFA4G | 1GTSFA4M | 3/4" | 30 | 24 | 12 | 32 | 40 | £7.29 | € 9.84 |
| TSFAOG | 1GTSFA5M | 1" | 38 | 29 | 14 | 40 | 40 | £11.13 | € 15.03 |

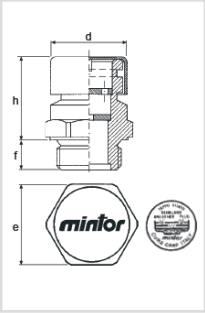
| TYPE | CODE | MB SERIES | d | h | f | e | µ | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TSFAOM | 1MTSFAOM | 10 x 1 | 16,5 | 16 | 8 | 14 | 40 | £3.82 | € 5.16 |
| TSFA1 M | 1MTSFA1M | 12 x 1,5 | 16,5 | 17 | 8 | 17 | 40 | £3.84 | € 5.19 |
| TSFA2M | 1MTSFA2M | 14 x 1,5 | 16,5 | 17 | 8 | 17 | 40 | £3.84 | € 5.19 |
| TSFAOM | 1MTSFA3M | 16 x 1,5 | 22 | 19 | 11 | 22 | 40 | £4.17 | € 5.63 |
| TSFA4M | 1MTSFA4M | 18 x 1,5 | 22 | 19 | 11 | 22 | 40 | £5.31 | € 7.17 |
| TSFAOM | 1MTSFA5M | 20 x 1,5 | 24 | 20 | 11 | 24 | 40 | £5.45 | € 7.37 |
| TSFAOM | 1MTSFA6M | 22 x 1,5 | 26 | 20 | 11 | 27 | 40 | £5.23 | € 7.05 |
| TSFA7M | 1MTSFA7M | 24 x 1,5 | 30 | 24 | 12 | 30 | 40 | £9.31 | € 12.57 |
| TSFAOM | 1MTSFA8M | 26 x 1,5 | 30 | 24 | 12 | 32 | 40 | £9.55 | € 12.88 |
| TSFA9M | 1MTSFA9M | 30 x 1,5 | 30 | 25 | 14 | 36 | 40 | £10.52 | € 14.20 |

# TSFT/N - OIL FILLING PLUG AND BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Large chamber with labyrinth and perpendicular cut protected by a galvanized-steel cover.
- The pressure created by moving parts within the gearbox is vented through the labyrinth without oil spattering, even though the plug is mounted vertically to the parts.
- Particularly suitable for mounting on Reduction Gears, Geared Motors, Speed Variators and Gearshift Boxes.






| TYPE | CODE | GAS | d | h | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TSFT/N1G | 1GTSN1OM | 1/4" | 16.5 | 23 | 8 | 17 | £4.40 | € 5.93 |
| TSFT/N2G | 1GTSN2OM | 3/8" | 22 | 29 | 9 | 22 | £5.26 | € 7.10 |
| TSFT/N3G | 1GTSN3OM | 1/2" | 26 | 29 | 10 | 27 | £7.33 | € 9.90 |
| TSFT/N4G | 1GTSN4OM | 3/4" | 30 | 35 | 12 | 32 | £9.17 | € 12.38 |
| TSFT/N5G | 1GTSN5OM | 1" | 38 | 43 | 14 | 40 | £13.14 | € 17.74 |
| TSFT/N6G | 1GTSN60A | 1" 1/4 | 50 | 45 | 15 | 50 | £24.19 | € 32.66 |
| TSFT/N7G | 1GTSN70A | 1" 1/2 | 55 | 46 | 15 | 55 | £29.26 | € 39.50 |
| TSFT/N8G | 1GTSN80A | 2" | 70 | 46 | 17 | 70 | £56.04 | € 75.65 |

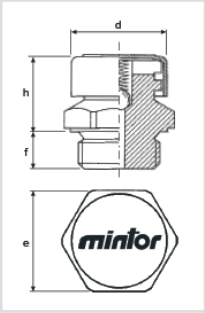
| TYPE | CODE | MB SERIES | d | h | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TSFT/N1M | 1MTSN1OM | 14 x 1,5 | 16,5 | 23 | 8 | 17 | £4.41 | € 5.95 |
| TSFT/N2M | 1MTSN2OM | 16 x 1,5 | 22 | 29 | 9 | 22 | £5.26 | € 7.10 |
| TSFT/N3M | 1MTSN3OM | 18 x 1,5 | 22 | 29 | 9 | 22 | £6.43 | € 8.67 |
| TSFT/N4M | 1MTSN4OM | 20 x 1,5 | 24 | 29 | 10 | 24 | £7.10 | € 9.58 |
| TSFT/N5M | 1MTSN5OM | 22 x 1,5 | 26 | 29 | 10 | 27 | £7.33 | € 9.90 |
| TSFT/N6M | 1MTSN6OM | 24x2 | 30 | 35 | 12 | 30 | £11.01 | € 14.86 |
| TSFT/N7M | 1MTSN7OM | 30 x 2 | 30 | 42 | 12 | 36 | £14.22 | € 19.20 |
| TSFT/N8M | 1MTSN8OM | 33 x 2 | 38 | 43 | 14 | 40 | £14.70 | € 19.84 |
| TSFT/N9M | 1MTSN90A | 42 x 3 | 50 | 45 | 15 | 50 | £24.19 | € 32.66 |
| TSFT/N1OM | 1MTSN91A | 48 x 3 | 55 | 46 | 15 | 55 | £29.26 | € 39.50 |
| TSFT/N11M | 1MTSN92A | 60 x 4 | 70 | 46 | 17 | 70 | £56.04 | € 75.65 |

# TSS - BREATHER PLUG WITH VALVE

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Breather plug with galvanized-steel cover and specially-designed internal valve with an inox spring, calibrated from 0,05 to 0,10 bar, which opens at intervals to vent internal pressure created by fluid turbulence and keep out foreign bodies.
- It is especially recommended for applications on Speed-shift Gears, Agricultural over-Gears and Industrial Speed-Reduction Gearboxes.






| TYPE | CODE | GAS | d | h | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TSSOG | 1 GTSSOOM | 1/8" | 16,5 | 16 | 8 | 14 | £4.41 | € 5.95 |
| TSS1 G | 1GTSS1OM | 1/4" | 16,5 | 17 | 9,5 | 17 | £4.73 | € 6.38 |
| TSS2G | 1 GTSS2OM | 3/8" | 22 | 19 | 11 | 22 | £5.01 | € 6.76 |
| TSSOG | 1GTSS3OM | 1/2" | 26 | 20 | 11 | 27 | £5.97 | € 8.07 |
| TSS4G | 1 GTSS4OM | 3/4" | 30 | 24 | 12 | 32 | £8.25 | € 11.13 |
| TSSOG | 1GTSS5OM | 1" | 38 | 29 | 14 | 40 | £11.59 | € 15.65 |

| TYPE | CODE | GAS | d | h | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TSSOM | 1MTSSOOM | 10 x 1 | 16,5 | 16 | 8 | 14 | £4.41 | € 5.95 |
| TSS1 M | 1MTSS1OM | 14 x 1,5 | 16,5 | 17 | 9,5 | 17 | £4.73 | € 6.38 |
| TSS2M | 1MTSS2OM | 16 x 1,5 | 22 | 19 | 11 | 22 | £5.01 | € 6.76 |
| TSSOM | 1MTSS3OM | 18 x 1,5 | 22 | 19 | 11 | 22 | £5.64 | € 7.61 |
| TSS4M | 1 MTSS4OM | 20 x 1,5 | 24 | 20 | 11 | 24 | £5.94 | € 8.02 |
| TSSOM | 1MTSS5OM | 22 x 1,5 | 26 | 20 | 11 | 27 | £5.97 | € 8.07 |
| TSSOM | 1MTSS6OM | 24 x 2 | 30 | 24 | 12 | 30 | £7.38 | € 9.96 |
| TSS7M | 1MTSS7OM | 30 x 2 | 30 | 25 | 14 | 36 | £11.94 | € 16.12 |
| TSSOM | 1MTSS8OM | 33 x 2 | 38 | 29 | 14 | 40 | £11.59 | € 15.65 |

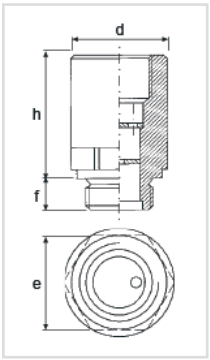
# PRS/F - EXTENSION FOR OIL WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Made of aluminium alloy, same thread for both internal and external side, with large chamber with labyrinth.
- Particularly suitable for Agricultural, Earth Moving and Building Machines.



| TYPE | CODE | GAS | d | h | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| PRS/F1G | 1GPSF10A | Ye | 20 | 40 | 8 | 17 | £4.59 | € 6.20 |
| PRS/F2G | 1G PSF20A | 3/8” | 26 | 40 | 10 | 22 | £5.61 | € 7.57 |
| PRS/F3G | 1G PSF30A | 1/2” | 30 | 40 | 11 | 27 | £7.11 | € 9.59 |
| PRS/F4G | 1G PSF40A | 3/4” | 36 | 50 | 12 | 32 | £9.01 | € 12.16 |
| PRS/F5G | 1G PSF50A | 1” | 42 | 50 | 14 | 38 | £14.22 | € 19.20 |




| TYPE | CODE | MB SERIES | d | h | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| PRS/F1M | 1MPSF10A | 14 x 1,5 | 20 | 40 | 8 | 17 | £4.59 | € 6.20 |
| PRS/F2M | 1M PSF20A | 16 x 1,5 | 26 | 40 | 10 | 22 | £5.61 | € 7.57 |
| PRS/F3M | 1M PSF30A | 18 x 1,5 | 26 | 40 | 10 | 22 | £6.19 | € 8.36 |
| PRS/F4M | 1M PSF40A | 20 x 1,5 | 30 | 40 | 11 | 27 | £6.86 | € 9.26 |
| PRS/F5M | 1M PSF50A | 22 x 1,5 | 30 | 40 | 11 | 27 | £7.11 | € 9.59 |

# MAGNETIC PLUGS

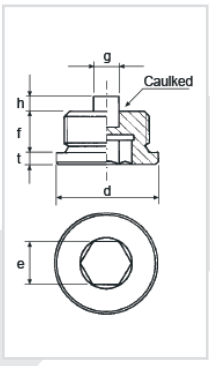
# TCEM - MAGNETIC OIL DRAIN PLUG WITH HEX SLOT

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Made of tempered, hardened alloy.
- A permanent magnetic insert of special alloy attracts and holds ferrous particles suspended or circulating in the oil.
- Especially recommended for high-rpm machinery.
- Available with metal washers only.



| TYPE | CODE | GAS | e | g | h | f | t | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| TCEMOG | 1GTEMOOA | 1/8” | 5 | 5 | 4 | 8 | 3 | 14 | £3.11 | € 4.20 |
| TCEM1G | 1GTEM10A | 1/4” | 6 | 5 | 5 | 12 | 3 | 18 | £3.19 | € 4.30 |
| TCEM2G | 1GTEM20A | 3/8” | 8 | 5 | 5 | 12 | 3 | 22 | £3.34 | € 4.50 |
| TCEMOG | 1GTEM30A | 1/2” | 10 | 6 | 5 | 14 | 4 | 26 | £4.20 | € 5.67 |
| TCEM4G | 1GTEM40A | 3/4” | 12 | 10 | 6 | 16 | 4 | 32 | £7.58 | € 10.24 |
| TCEMOG | 1GTEM50A | 1” | 17 | 10 | 6 | 16 | 5 | 40 | £8.74 | € 11.79 |
| TCEMOG | 1GTEM60A | 1” 1/4 | 22 | 15 | 10 | 16 | 5 | 49 | £17.07 | € 23.05 |
| TCEM7G | 1GTEM70A | 1”1/2 | 24 | 15 | 10 | 16 | 5 | 55 | £19.70 | € 26.59 |
| TCEMOG | 1GTEM80A | 2” | 32 | 15 | 15 | 20 | 5 | 68 | £35.76 | € 48.28 |



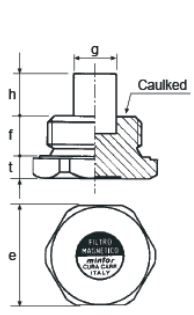

| TYPE | CODE | MB SERIES | e | g | h | f | t | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| TCEMOM | 1MTEMOOA | 10 x 1 | 5 | 5 | 4 | 8 | 3 | 14 | £3.11 | € 4.20 |
| TCEM1 M | 1MTEM10A | 12 x 1,5 | 6 | 5 | 4 | 12 | 3 | 17 | £3.18 | € 4.29 |
| TCEM2M | 1MTEM20A | 14 x 1,5 | 6 | 5 | 5 | 12 | 3 | 19 | £3.19 | € 4.30 |
| TCEM3M | 1MTEM30A | 16 x 1,5 | 8 | 5 | 5 | 12 | 3 | 21 | £3.34 | € 4.50 |
| TCEM4M | 1MTEM40A | 18 x 1,5 | 8 | 6 | 5 | 12 | 3 | 23 | £3.79 | € 5.12 |
| TCEM5M | 1MTEM50A | 20 x 1,5 | 10 | 6 | 5 | 14 | 4 | 25 | £4.03 | € 5.44 |
| TCEM6M | 1MTEM60A | 22 x 1,5 | 10 | 6 | 5 | 14 | 4 | 27 | £4.20 | € 5.67 |
| TCEM7M | 1MTEM70A | 24 x 1,5 | 12 | 6 | 5 | 14 | 4 | 29 | £6.45 | € 8.70 |
| TCEM8M | 1MTEM80A | 24 x 2 | 12 | 6 | 5 | 14 | 4 | 29 | £6.45 | € 8.70 |
| TCEM9M | 1MTEM90A | 26 x 1,5 | 12 | 10 | 6 | 16 | 4 | 32 | £8.12 | € 10.96 |
| TCEM1OM | 1MTEM91A | 27x 2 | 12 | 10 | 6 | 16 | 4 | 32 | £8.12 | € 10.96 |
| TCEM11M | 1MTEM92A | 30 x 1,5 | 17 | 10 | 6 | 16 | 4 | 36 | £8.59 | € 11.59 |
| TCEM12M | 1MTEM93A | 30x 2 | 17 | 10 | 6 | 16 | 4 | 36 | £8.59 | € 11.59 |
| TCEM13M | 1MTEM94A | 33x 2 | 17 | 10 | 6 | 16 | 5 | 40 | £8.74 | € 11.79 |

# TSCM - MAGNETIC DRAIN PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01

- A magnetic insert attracts and holds ferrous particles suspended or circulating in the oil, safeguarding rotating parts.
- Recommended for high-rpm machinery.






| TYPE | CODE | GAS | e | g | h | f | t | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TSCMOG | 1GSCMOOA | 1/8" | 14 | 5 | 6 | 8 | 5 | £3.63 | € 4.90 |
| TSCM1G | 1GSCM10A | 1/4" | 17 | 5 | 6 | 8 | 7,5 | £3.89 | € 5.25 |
| TSCM2G | 1GSCM20A | 3/8" | 22 | 6 | 6 | 10 | 8,5 | £4.55 | € 6.13 |
| TSCM3G | 1GSCM30A | 1/2" | 27 | 8 | 8 | 10 | 8,5 | £6.43 | € 8.67 |
| TSCM4G | 1GSCM40A | 3/4" | 32 | 10 | 10 | 12 | 9,5 | £8.88 | € 11.99 |
| TSCM5G | 1GSCM50A | 1" | 40 | 15 | 15 | 14 | 9,5 | £12.63 | € 17.04 |
| TSCM6G | 1GSCM60A | 1" 1/4 | 50 | 15 | 15 | 15 | 10 | £17.77 | € 23.99 |
| TSCM7G | 1GSCM70A | 1"1/2 | 55 | 15 | 15 | 15 | 10 | £19.70 | € 26.59 |
| TSCM8G | 1GSCM80A | 2" | 70 | 15 | 15 | 17 | 12 | £31.45 | € 42.45 |

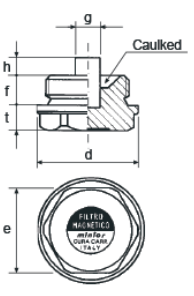
| TYPE | CODE | MB SERIES | e | g | h | f | t | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TSCMOM | 1MSCMOOA | 10 x 1 | 14 | 5 | 6 | 8 | 5 | £3.84 | € 5.19 |
| TSCM1M | 1MSCM10A | 12 x 1,5 | 17 | 5 | 6 | 8 | 6 | £4.03 | € 5.44 |
| TSCM2M | 1MSCM20A | 14 x 1,5 | 17 | 5 | 6 | 8 | 6 | £4.22 | € 5.70 |
| TSCM3M | 1MSCM30A | 16 x 1,5 | 22 | 6 | 6 | 10 | 8,5 | £4.80 | € 6.47 |
| TSCM4M | 1MSCM40A | 18 x 1,5 | 22 | 6 | 6 | 10 | 8,5 | £5.04 | € 6.80 |
| TSCM5M | 1MSCM50A | 20 x 1,5 | 24 | 8 | 8 | 10 | 7 | £6.16 | € 8.32 |
| TSCM6M | 1MSCM60A | 22 x 1,5 | 27 | 8 | 8 | 10 | 8,5 | £6.96 | € 9.39 |
| TSCM7M | 1MSCM70A | 24 x 2 | 30 | 10 | 10 | 12 | 8 | £8.37 | € 11.30 |
| TSCM8M | 1MSCM80A | 30 x 2 | 36 | 10 | 10 | 12 | 8 | £10.69 | € 14.44 |
| TSCM9M | 1MSCM90A | 33 x 2 | 40 | 15 | 15 | 14 | 8 | £14.86 | € 20.07 |
| TSCM1OM | 1MSCM91A | 42 x 3 | 50 | 15 | 15 | 15 | 10 | £18.69 | € 25.24 |
| TSCM11M | 1MSCM92A | 48 x 3 | 55 | 15 | 15 | 15 | 10 | £19.70 | € 26.59 |
| TSCM12M | 1MSCM93A | 60 x 4 | 70 | 15 | 15 | 17 | 12 | £31.45 | € 42.45 |

# TSCM/F - MAGNETIC DRAIN PLUG WITH MILLED HEAD

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Head milling produces a crown with greater sealing area against the crankcase.
- A magnetic insert attracts and holds ferrous particles suspended or circulating in the oil, protecting all rotating parts.
- Recommended for high-rpm machinery






| TYPE | CODE | GAS | e | g | h | f | t | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| TSCIWFOG | 1GM/FOOA | 1/8" | 10 | 5 | 4 | 8 | 8 | 14 | £3.88 | € 5.24 |
| TSCIWF1G | 1GM/F10A | 1/4" | 14 | 5 | 4 | 8 | 9,5 | 18 | £4.28 | € 5.78 |
| TSCWF2G | 1GM/F20A | 3/8" | 18 | 5 | 5 | 9 | 10 | 22 | £4.85 | € 6.54 |
| TSCM/F3G | 1GM/F30A | 1/2" | 22 | 6 | 6 | 11 | 10,5 | 28 | £6.90 | € 9.32 |
| TSCM/F4G | 1GM/F40A | 3/4" | 27 | 10 | 6 | 12 | 12 | 32 | £9.19 | € 12.41 |
| TSCIWF5G | 1GM/F50A | 1" | 34 | 10 | 7 | 14 | 12 | 40 | £12.86 | € 17.37 |

| TYPE | CODE | MB SERIES | e | g | h | f | t | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| TSCM/FOM | 1MM/FOOA | 10 x 1 | 10 | 5 | 4 | 8 | 8 | 14 | £3.88 | € 5.24 |
| TSCM/F1M | 1MM/F10A | 14 x 1,5 | 14 | 5 | 4 | 8 | 8 | 18 | £4.28 | € 5.78 |
| TSCWF2M | 1MM/F20A | 16 x 1,5 | 18 | 5 | 5 | 9 | 10 | 22 | £4.85 | € 6.54 |
| TSCWF3M | 1MM/F30A | 18 x 1,5 | 18 | 5 | 5 | 9 | 9 | 24 | £5.31 | € 7.17 |
| TSCWF4M | 1MM/F40A | 20 x 1,5 | 20 | 6 | 6 | 10 | 9 | 26 | £5.86 | € 7.92 |
| TSCWF5M | 1MM/F50A | 22 x 1,5 | 22 | 6 | 6 | 11 | 10,5 | 28 | £6.90 | € 9.32 |
| TSCWF6M | 1MM/F60A | 24 x 2 | 24 | 8 | 6 | 12 | 9 | 30 | £8.45 | € 11.40 |
| TSCWF7M | 1MM/F70A | 30 x 2 | 30 | 10 | 6 | 12 | 10,5 | 38 | £10.65 | € 14.37 |
| TSCWF8M | 1MM/F80A | 33 x 2 | 34 | 10 | 7 | 14 | 10,5 | 40 | £12.86 | € 17.37 |

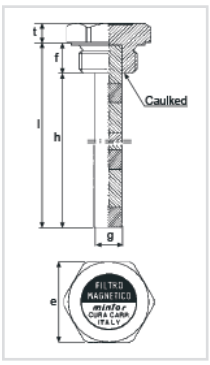
# FMC - MAGNETIC FILTER ROD

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Head of hardened, tempered light alloy.
- Permanent magnetic sections of special alloy with wide-radius action.
- Non-magnetic coating is smooth for easier, better cleaning.
- Recommended for Grinding Machines, Hydraulic Units and Large tanks.
- On request, supplied with different length.



| TYPE | CODE | GAS | t | f | l | h | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| FMC1G | 1GFMC10A | 3/8" | 7 | 10 | 80 | 70 | 9 | 22 | £20.16 | € 27.22 |
| FMC2G | 1G FMC20A | 1/2" | 9,5 | 10 | 95 | 85 | 12 | 27 | £24.61 | € 33.23 |
| FMC3G | 1G FMC30A | 3/4" | 9,5 | 12 | 102 | 90 | 17 | 32 | £32.34 | € 43.65 |
| FMC4G | 1G FMC40A | 1" | 9,5 | 14 | 104 | 90 | 17 | 40 | £40.73 | € 54.98 |
| FMC5G | 1G FMC50A | 1" 1/4 | 10 | 15 | 105 | 90 | 28 | 50 | £51.39 | € 69.37 |
| FMC6G | 1G FMC60A | 1" 1/2 | 10 | 15 | 105 | 90 | 28 | 55 | £53.76 | € 72.58 |
| FMC7G | 1G FMC70A | 2" | 12 | 17 | 107 | 90 | 28 | 70 | £62.94 | € 84.97 |




| TYPE | CODE | MB SERIES | t | f | l | h | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| FMC1M | 1MFMC10A | 16 x 1,5 | 7 | 10 | 80 | 70 | 9 | 22 | £20.31 | € 27.42 |
| FMC2M | 1MFMC20A | 18 x 1,5 | 7 | 10 | 80 | 70 | 9 | 22 | £21.95 | € 29.62 |
| FM C3M | 1MFMC30A | 20 x 1,5 | 7 | 10 | 95 | 85 | 12 | 24 | £26.59 | € 35.90 |
| FMC4M | 1MFMC40A | 22 x 1,5 | 8,5 | 10 | 95 | 85 | 12 | 27 | £26.61 | € 35.92 |
| FMC5M | 1MFMC50A | 24 x 2 | 8 | 12 | 102 | 90 | 12 | 30 | £33.71 | € 45.50 |
| FM C6M | 1MFMC60A | 30 x 2 | 8 | 12 | 102 | 90 | 17 | 36 | £43.85 | € 59.19 |
| FMC7M | 1MFMC70A | 33 x 2 | 8 | 14 | 104 | 90 | 17 | 40 | £40.73 | € 54.98 |
| FMC8M | 1MFMC80A | 42 x 3 | 10 | 15 | 105 | 90 | 28 | 50 | £51.39 | € 69.37 |
| FM C9M | 1MFMC90A | 48 x 3 | 10 | 15 | 105 | 90 | 28 | 55 | £56.60 | € 76.41 |
| FMC1OM | 1M FMC95A | 60 x 4 | 12 | 17 | 107 | 90 | 28 | 70 | £62.94 | € 84.97 |

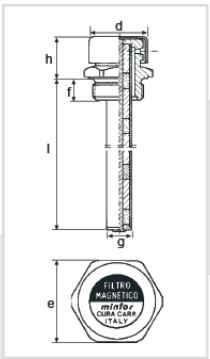
# FMC/LS - MAGNETIC FILTER WITH DIPSTICK AND BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Magnetic dipstick built into breather plug.
- Galvanized-steel cover vents internal pressure and keeps out foreign bodies during the intake stroke.
- The magnetic dipstick is composed of permanent magnetic sections in special alloy with wide-radius action.
- The non-magnetic coating is smooth for easier, better cleaning.
- Recommended for Grinding Machines Hydraulic Units and Large Tanks.
- On request, supplied with different length.



| TYPE | CODE | GAS | t | f | l | h | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| FMC/LS1G | 1GFLS10A | 1/2" | 26 | 22 | 10 | 170 | 9 | 27 | £28.12 | € 37.96 |
| FMC/LS2G | 1G FLS20A | 3/4" | 30 | 24 | 12 | 200 | 12 | 32 | £37.47 | € 50.58 |
| FMC/LS3G | 1G FLS30A | 1" | 38 | 29 | 14 | 200 | 12 | 40 | £49.65 | € 67.02 |
| FM C/LS4G | 1G FLS40A | 1" 1/4 | 50 | 33 | 15 | 200 | 17 | 50 | £60.26 | € 81.36 |





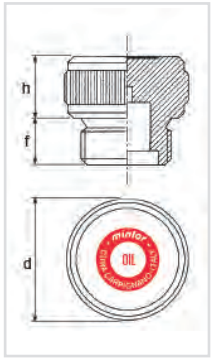

# DRAIN FILLING PLUGS

## TC/Z - FILLING PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Threaded plug with knurled round head for hand-tightening.
  By request: with filling label




| TYPE | CODE | GAS | h | f | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TC/ZOG | 1GCZO00A | 1/8" | 12 | 8 | 20 | £1.94 | € 2.62 |
| TC/Z1G | 1GCZ010A | 1/4" | 12 | 8 | 22 | £2.26 | € 3.05 |
| TC/Z2G | 1GCZ020A | 3/8" | 13,5 | 10 | 26 | £2.57 | € 3.47 |
| TC/Z3G | 1GCZ030A | 1/2" | 16,5 | 10 | 30 | £3.43 | € 4.63 |
| TC/Z4G | 1GCZ040A | 3/4" | 20 | 12 | 40 | £5.00 | € 6.75 |
| TC/Z5G | 1GCZ050A | 1" | 21,5 | 14 | 45 | £6.94 | € 9.37 |
| TC/Z6G | 1GCZ060A | 1" 1/4 | 20 | 15 | 55 | £10.75 | € 14.50 |
| TC/Z7G | 1GCZ070A | 1"1/2 | 20 | 15 | 55 | £13.74 | € 18.54 |
| TC/Z8G | 1GCZ080A | 2" | 20 | 17 | 70 | £25.60 | € 34.56 |

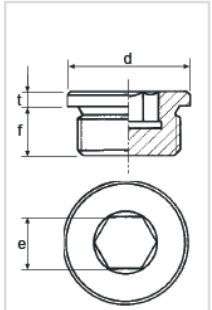
| TYPE | CODE | MB SERIES | h | f | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TC/ZOM | 1MCZO00A | 1 0 x 1 | 12 | 8 | 20 | £1.94 | € 2.62 |
| TC/Z1M | 1MCZ010A | 14 x 1,5 | 12 | 8 | 22 | £2.26 | € 3.05 |
| TC/Z2M | 1MCZ020A | 16 x 1,5 | 12 | 10 | 26 | £2.57 | € 3.47 |
| TC/ZOM | 1MCZ030A | 18 x 1,5 | 12 | 10 | 26 | £2.92 | € 3.94 |
| TC/Z4M | 1MCZ040A | 20 x 1,5 | 15 | 10 | 30 | £3.25 | € 4.38 |
| TC/Z5M | 1MCZ050A | 22 x 1,5 | 15 | 10 | 30 | £3.43 | € 4.63 |
| TC/ZOM | 1MCZ060A | 24 x 2 | 15 | 12 | 36 | £4.89 | € 6.61 |
| TC/Z7M | 1MCZ070A | 30 x 2 | 20 | 12 | 42 | £6.38 | € 8.62 |
| TC/Z8M | 1MCZ080A | 33 x 2 | 20 | 14 | 45 | £6.94 | € 9.37 |

## TCE - DRAIN FILLING PLUG WITH HEX SLOT

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Made of tempered, hardened light alloy.
- High twisting resistance, suitable for applications requiring minimum projection.
- Available with metal washers only.






| TYPE | CODE | GAS | d | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TCEOG | 1GTBE00A | 1/8" | 14 | 3 | 8 | 5 | £1.11 | € 1.50 |
| TCE1G | 1GTBE10A | 1/4" | 18 | 3 | 12 | 6 | £1.23 | € 1.66 |
| TCE2G | 1GTBE20A | 3/8" | 22 | 3 | 12 | 8 | £1.35 | € 1.83 |
| TCEOG | 1GTBE30A | 1/2" | 26 | 4 | 14 | 10 | £1.79 | € 2.42 |
| TCE4G | 1GTBE40A | 3/4" | 32 | 4 | 16 | 12 | £2.33 | € 3.15 |
| TCEOG | 1GTBE50A | 1" | 40 | 5 | 16 | 17 | £3.34 | € 4.50 |
| TCEOG | 1GTBE60A | 1" 1/4 | 49 | 5 | 16 | 22 | £8.09 | € 10.92 |
| TCE7G | 1GTBE70A | 1" 1/2 | 55 | 5 | 16 | 24 | £10.10 | € 13.63 |
| TCEOG | 1GTBE80A | 2" | 68 | 5 | 20 | 32 | £20.87 | € 28.17 |

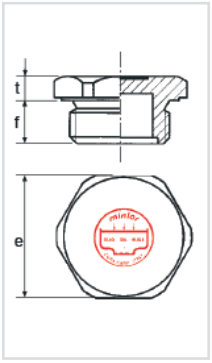
| TYPE | CODE | MB SERIES | d | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TCEOM | 1MTBE00A | 10 x 1 | 14 | 3 | 8 | 5 | £1.11 | € 1.50 |
| TCE1M | 1MTBE10A | 12 x 1,5 | 17 | 3 | 12 | 6 | £1.20 | € 1.62 |
| TCE2M | 1MTBE20A | 14 x 1,5 | 19 | 3 | 12 | 6 | £1.23 | € 1.66 |
| TCE3M | 1MTBE30A | 16 x 1,5 | 21 | 3 | 12 | 8 | £1.35 | € 1.83 |
| TCE4M | 1MTBE40A | 18 x 1,5 | 23 | 3 | 12 | 8 | £1.49 | € 2.01 |
| TCE5M | 1MTBE50A | 20 x 1,5 | 25 | 4 | 14 | 10 | £1.90 | € 2.57 |
| TCE6M | 1MTBE60A | 22 x 1,5 | 27 | 4 | 14 | 10 | £1.79 | € 2.42 |
| TCE7M | 1MTBE70A | 24 x 1,5 | 29 | 4 | 14 | 12 | £3.42 | € 4.62 |
| TCE8M | 1MTBE80A | 24 x 2 | 29 | 4 | 14 | 12 | £3.42 | € 4.62 |
| TCE9M | 1MTBE90A | 26 x 1,5 | 32 | 4 | 16 | 12 | £3.49 | € 4.71 |
| TCE1OM | 1MTBE91A | 27 x 2 | 32 | 4 | 16 | 12 | £3.75 | € 5.05 |
| TCE11M | 1MTBE92A | 30 x 1,5 | 36 | 4 | 16 | 17 | £3.83 | € 5.17 |
| TCE12M | 1MTBE93A | 30 x 2 | 36 | 4 | 16 | 17 | £3.83 | € 5.17 |
| TCE13M | 1MTBE94A | 33 x 2 | 40 | 5 | 16 | 17 | £3.91 | € 5.28 |

# TC - FILLING PLUG

• Tight-sealing, maximum resistance to twisting and overheating.

www.flowfitonline.com
TECH. DATA SHEET
MA01






| TYPE | CODE | GAS | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TCOG | 1GTC000A | 1/8" | 5 | 8 | 14 | £1.62 | € 2.19 |
| TC1G | 1GTC010A | 1/4" | 7,5 | 8 | 17 | £1.67 | € 2.26 |
| TC2G | 1GTCO20A | 3/8" | 8,5 | 10 | 22 | £1.74 | € 2.34 |
| TC3G | 1GTCO30A | 1/2" | 8,5 | 10 | 27 | £2.42 | € 3.26 |
| TC4G | 1GTC040A | 3/4" | 9,5 | 12 | 32 | £3.59 | € 4.84 |
| TC5G | 1GTCO50A | 1" | 9,5 | 14 | 40 | £5.50 | € 7.42 |
| TC6G | 1GTC060A | 1" 1/4 | 10 | 15 | 50 | £9.90 | € 13.37 |
| TC7G | 1GTC070A | 1" 1/2 | 10 | 15 | 55 | £11.50 | € 15.53 |
| TC8G | 1GTC080A | 2" | 12 | 17 | 70 | £21.02 | € 28.37 |

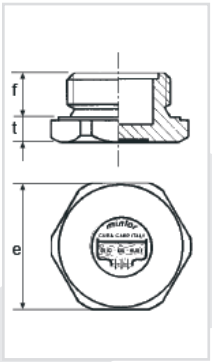
| TYPE | CODE | MB SERIES | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TC0M | 1MTC000A | 10 x 1 | 5 | 8 | 14 | £1.62 | € 2.19 |
| TC1M | 1MTC010A | 14 x 1,5 | 6 | 8 | 17 | £1.67 | € 2.26 |
| TC2M | 1MTCO20A | 16 x 1,5 | 7 | 10 | 22 | £1.74 | € 2.34 |
| TC3M | 1MTCO30A | 18 x 1,5 | 7 | 10 | 22 | £2.29 | € 3.09 |
| TC4M | 1MTC040A | 20 x 1,5 | 7 | 10 | 24 | £2.62 | € 3.54 |
| TC5M | 1MTCO50A | 22 x 1,5 | 8,5 | 10 | 27 | £2.42 | € 3.26 |
| TC6M | 1MTC060A | 24 x 2 | 8 | 12 | 30 | £4.01 | € 5.41 |
| TC7M | 1MTC070A | 26 x 1,5 | 8 | 12 | 32 | £4.32 | € 5.83 |
| TC8M | 1MTC080A | 30 x 2 | 8 | 12 | 36 | £5.64 | € 7.61 |
| TC9M | 1MTC090A | 33 x 2 | 8 | 14 | 40 | £6.11 | € 8.25 |
| TC1OM | 1MTC091A | 42 x 3 | 10 | 15 | 50 | £9.90 | € 13.37 |
| TC11M | 1MTCO92A | 48 x 3 | 10 | 15 | 55 | £12.79 | € 17.26 |
| TC12M | 1MTC093A | 60 x 4 | 12 | 17 | 70 | £21.02 | € 28.37 |

# TC - FILLING PLUG

• Tight-sealing, maximum resistance to twisting and overheating.

www.flowfitonline.com
TECH. DATA SHEET
MA01






| TYPE | CODE | GAS | f | t | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TSCOG | 1GTSCOOA | 1/8” | 8 | 5 | 14 | £1.62 | € 2.19 |
| TSC1G | 1GTSC10A | 1/4” | 8 | 7,5 | 17 | £1.67 | € 2.26 |
| TSC2G | 1GTSC20A | 3/8” | 10 | 8,5 | 22 | £1.74 | € 2.34 |
| TSCOG | 1GTSC30A | 1/2” | 10 | 8,5 | 27 | £2.42 | € 3.26 |
| TSC4G | 1GTSC40A | 3/4” | 12 | 9,5 | 32 | £3.59 | € 4.84 |
| TSCOG | 1GTSC50A | 1” | 14 | 9,5 | 40 | £5.50 | € 7.42 |
| TSCOG | 1GTSC60A | 1” 1/4 | 15 | 10 | 50 | £9.90 | € 13.37 |
| TSC7G | 1GTSC70A | 1” 1/2 | 15 | 10 | 55 | £11.50 | € 15.53 |
| TSCOG | 1GTSC80A | 2” | 17 | 12 | 70 | £21.02 | € 28.37 |

| TYPE | CODE | MB SERIES | f | t | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TSCOM | 1MTSCOOA | 1 0 x 1 | 8 | 5 | 14 | £1.62 | € 2.19 |
| TSC1M | 1MTSC10A | 14 x 1,5 | 8 | 6 | 17 | £1.67 | € 2.26 |
| TSC2M | 1MTSC20A | 16 x 1,5 | 10 | 7 | 22 | £1.74 | € 2.34 |
| TSC3M | 1MTSC30A | 18 x 1,5 | 10 | 7 | 22 | £2.29 | € 3.09 |
| TSC4M | 1MTSC40A | 20 x 1,5 | 10 | 7 | 24 | £2.62 | € 3.54 |
| TSC5M | 1MTSC50A | 22 x 1,5 | 10 | 8,5 | 27 | £2.42 | € 3.26 |
| TSC6M | 1MTSC60A | 24 x 2 | 12 | 8 | 30 | £4.01 | € 5.41 |
| TSC7M | 1MTSC70A | 26 x 1,5 | 12 | 8 | 32 | £4.32 | € 5.83 |
| TSC8M | 1MTSC80A | 30 x 2 | 12 | 8 | 36 | £5.64 | € 7.61 |
| TSC9M | 1MTSC90A | 33 x 2 | 14 | 8 | 40 | £6.11 | € 8.25 |
| TSC1OM | 1MTSC91A | 42 x 3 | 15 | 10 | 50 | £9.90 | € 13.37 |
| TSC11M | 1MTSC92A | 48 x 3 | 15 | 10 | 55 | £12.79 | € 17.26 |
| TSC12M | 1MTSC93A | 60 x 4 | 17 | 12 | 70 | £21.02 | € 28.37 |

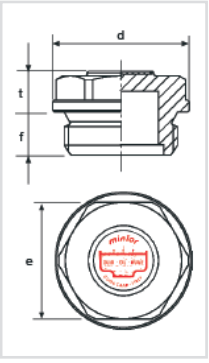
# TC/F - FILLING PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Tight-sealing, maximum resistance to twisting and overheating.
- Head milling produces a crownwith greater sealing area against the crankcase.



| TYPE | CODE | GAS | d | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TC/FOG | 1GC/FOOA | 1/8" | 14 | 7 | 8 | 10 | £1.52 | € 2.05 |
| TC/F1G | 1GC/F10A | 1/4" | 20 | 9,5 | 8 | 17 | £1.63 | € 2.20 |
| TC/F2G | 1GC/F20A | 3/8" | 22 | 10 | 9 | 18 | £1.87 | € 2.53 |
| TC/FOG | 1GC/F30A | 1/2" | 28 | 10,5 | 11 | 22 | £2.46 | € 3.33 |
| TC/F4G | 1GC/F40A | 3/4" | 32 | 10,5 | 12 | 27 | £4.20 | € 5.67 |
| TC/F5G | 1GC/F50A | 1" | 40 | 12 | 12,5 | 34 | £5.38 | € 7.26 |




| TYPE | CODE | MB SERIES | d | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TC/FOM | 1MC/FOOA | 10x1 | 14 | 7 | 8 | 10 | £1.52 | € 2.05 |
| TC/F1M | 1MC/F10A | 14x 1,5 | 20 | 8 | 8 | 17 | £1.63 | € 2.20 |
| TC/F2M | 1MC/F20A | 16 x 1,5 | 22 | 10 | 9 | 18 | £1.87 | € 2.53 |
| TC/FOM | 1MC/F30A | 18 x 1,5 | 26 | 8 | 9 | 20 | £2.05 | € 2.78 |
| TC/F4M | 1MC/F40A | 20 x 1,5 | 28 | 9 | 10 | 22 | £2.35 | € 3.18 |
| TC/F5M | 1MC/F50A | 22 x 1,5 | 28 | 10,5 | 11 | 22 | £2.46 | € 3.33 |

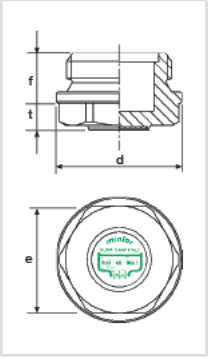
# TSC/F - DRAIN PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Tight-sealing, maximum resistance to twisting and overheating.
- Head milling produces a crown with greater sealing area against the crankcase.



| TYPE | CODE | GAS | d | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TSC/FOG | 1GS/FOOA | 1/8" | 14 | 7 | 8 | 10 | £1.52 | € 2.05 |
| TSC/F1G | 1GS/F10A | 1/4" | 20 | 9,5 | 8 | 17 | £1.63 | € 2.20 |
| TSC/F2G | 1GS/F20A | 3/8" | 22 | 10 | 9 | 18 | £1.87 | € 2.53 |
| TSC/FOG | 1GS/F30A | 1/2" | 28 | 10,5 | 11 | 22 | £2.46 | € 3.33 |
| TSC/F4G | 1GS/F40A | 3/4" | 32 | 10,5 | 12 | 27 | £4.20 | € 5.67 |
| TSC/F5G | 1GS/F50A | 1" | 40 | 12 | 12,5 | 34 | £5.38 | € 7.26 |




| TYPE | CODE | MB SERIES | d | t | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TSC/FOM | 1MS/FOOA | 10 x 1 | 14 | 7 | 8 | 10 | £1.52 | € 2.05 |
| TSC/F1M | 1MS/F10A | 14 x 1,5 | 20 | 8 | 8 | 17 | £1.63 | € 2.20 |
| TSC/F2M | 1MS/F20A | 16 x 1,5 | 22 | 10 | 9 | 18 | £1.87 | € 2.53 |
| TSC/FOM | 1MS/F30A | 18 x 1,5 | 26 | 8 | 9 | 20 | £2.05 | € 2.78 |
| TSC/F4M | 1MS/F40A | 20 x 1,5 | 28 | 9 | 10 | 22 | £2.35 | € 3.18 |
| TSC/F5M | 1MS/F50A | 22 x 1,5 | 28 | 10,5 | 11 | 22 | £2.46 | € 3.33 |

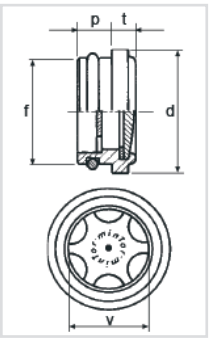
# VISUAL LEVEL INDICATORS

## TLP - VISUAL LEVEL INDICATOR NON-THREADED

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Transparent inspection window unaffected by high or low temperatures.
- Avoid contact with alcohol and solvents.
- 0-ring for pressure assembly.





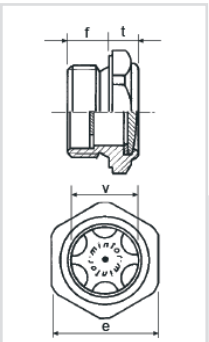

| TYPE | CODE | 0 - R | p | t | d | Øf H11 | V | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TLPO | 1PTP000A | OR 115 | 9 | 5 | 20 | 17 | 11 | £3.69 | € 4.99 |
| TLP1 | 1PTP010A | OR 119 | 9 | 6 | 24 | 20 | 13 | £3.97 | € 5.37 |
| TLP2 | 1PTP020A | OR 128 | 9 | 8 | 30 | 26 | 16 | £4.89 | € 6.61 |
| TLP3 | 1PTP030A | OR 3100 | 10 | 8 | 34 | 30 | 21 | £5.79 | € 7.82 |
| TLP4 | 1PTPO40A | OR 3118 | 10 | 8 | 38 | 35 | 27 | £7.79 | € 10.51 |
| TLP5 | 1PTP050A | OR 3131 | 10 | 8 | 42 | 38 | 27 | £8.59 | € 11.59 |

## TLA - VISUAL LEVEL INDICATOR

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Standard polycarbonate transparent inspection window unaffected by high or low temperatures.
- Avoid contacts with alcohol and solvents.
- Special version: with Pyrex glass for high temperatures.
- By request: with anchor nut for unthreaded hole.






| TYPE | CODE | GAS | d | t | v | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TLAN1G | 1GTLN10A | 1/4” | 8 | 7 | 10 | 17 | £2.95 | € 3.99 |
| TLA2G | 1GTLA20A | 3/8” | 9 | 7 | 13 | 22 | £3.16 | € 4.28 |
| TLA3G | 1GTLA30A | 1/2” | 10 | 9 | 16 | 27 | £3.54 | € 4.78 |
| TLA4G | 1GTLA40A | 3/4” | 11 | 9 | 21 | 32 | £4.20 | € 5.67 |
| TLA5G | 1GTLA50A | 1” | 14 | 10 | 27 | 40 | £5.96 | € 8.05 |
| TLA6G | 1GTLA60A | 1”1/4 | 15 | 10 | 37 | 50 | £11.89 | € 16.05 |
| TLA7G | 1GTLA70A | 1”1/2 | 15 | 10 | 40 | 55 | £13.88 | € 18.74 |
| TLA8G | 1GTLA80A | 2” | 17 | 14 | 50 | 70 | £26.60 | € 35.91 |

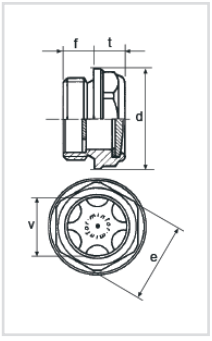
| TYPE | CODE | MB SERIES | d | t | v | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TLAN1M | 1MTLN10A | 14 x 1,5 | 8 | 7 | 10 | 17 | £2.79 | € 3.76 |
| TLA2M | 1MTLA20A | 16 x 1,5 | 9 | 7 | 13 | 22 | £2.97 | € 4.01 |
| TLA3M | 1MTLA30A | 18 x 1,5 | 9 | 7 | 13 | 22 | £3.08 | € 4.16 |
| TLA4M | 1MTLA40A | 20 x 1,5 | 10 | 7 | 16 | 24 | £3.23 | € 4.36 |
| TLA5M | 1MTLA50A | 22 x 1,5 | 10 | 9 | 16 | 27 | £3.34 | € 4.50 |
| TLA6M | 1MTLA60A | 24 x 1,5 | 11 | 9 | 16 | 30 | £4.99 | € 6.74 |
| TL A M | 1MTLA70A | 24 x 2 | 11 | 9 | 16 | 30 | £5.29 | € 7.15 |
| TLA8M | 1MTLA80A | 25 x 1,5 | 11 | 9 | 21 | 32 | £5.29 | € 7.15 |
| TLA9M | 1MTLA90A | 27 x 1,5 | 11 | 9 | 21 | 32 | £5.58 | € 7.54 |
| TLA1OM | 1MTLA91A | 30 x 1,5 | 11 | 9 | 21 | 36 | £5.81 | € 7.84 |
| TLA11M | 1MTLA92A | 30 x 2 | 11 | 9 | 21 | 36 | £5.81 | € 7.84 |
| TLAI2M | 1MTLA93A | 33 x 1,5 | 14 | 10 | 27 | 40 | £5.96 | € 8.05 |
| TLA13M | 1MTLA94A | 33 x 2 | 14 | 10 | 27 | 40 | £5.96 | € 8.05 |
| TLA14M | 1MTLA95A | 35 x 1,5 | 14 | 10 | 27 | 40 | £9.34 | € 12.61 |
| TLA15M | 1MTLA96A | 40 x 1,5 | 12 | 10 | 37 | 50 | £11.55 | € 15.58 |
| TLA16M | 1MTLA97A | 42 x 3 | 15 | 10 | 37 | 50 | £11.89 | € 16.05 |
| TLA17M | 1MTLA98A | 48 x 3 | 15 | 10 | 40 | 55 | £13.88 | € 18.74 |
| TLA18M | 1MTLA99A | 60 x 2 | 17 | 14 | 50 | 70 | £26.60 | € 35.91 |
| TLA19M | 1MTLA999 | 60 x 4 | 17 | 14 | 50 | 70 | £26.60 | € 35.91 |

# TLA/F - VISUAL LEVEL INDICATOR WITH MILLED HEAD

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Standard polycarbonate transparent inspection window unaffected by high or low temperatures.
- Avoid contacts with alcohol and solvents.
- Head milling produces a crown with greater sealing area against the crankcase.
- Special version: with Pyrex glass for high temperatures.






| TYPE | CODE | GAS | v | e | f | t | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TLA/F1G | 1GL/F10A | 3/8" | 10 | 18 | 9 | 9 | 22 | £3.27 | € 4.42 |
| TLA/F2G | 1GL/F20A | 1/2" | 16 | 22 | 10 | 9 | 28 | £3.75 | € 5.05 |
| TLA/F3G | 1GL/F30A | 3/4" | 21 | 27 | 12 | 11 | 32 | £4.48 | € 6.05 |
| TLA/F4G | 1GL/F40A | 1" | 27 | 34 | 12,5 | 12 | 40 | £6.29 | € 8.49 |
| TLA/F5G | 1GL/F50A | 1"1/4 | 37 | 46 | 15 | 12 | 50 | £12.37 | € 16.70 |

| TYPE | CODE | GAS | v | e | f | t | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TLA/F1 M | 1ML/F10A | 16 x 1,5 | 10 | 18 | 9 | 9 | 22 | £3.27 | € 4.42 |
| TLA/F2M | 1ML/F20A | 18 x 1,5 | 13 | 20 | 9 | 9 | 26 | £3.42 | € 4.62 |
| TLA/F3M | 1ML/F30A | 20 x 1,5 | 16 | 22 | 10 | 9 | 28 | £3.65 | € 4.92 |
| TLA/F4M | 1ML/F40A | 22 x 1,5 | 16 | 22 | 10 | 9 | 28 | £3.75 | € 5.05 |

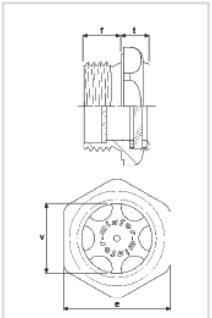
# TLAX - VISUAL LEVEL INDICATOR WITH GLASS

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Transparent inspection window in Pyrex glass suitable for high and low temperatures from - 20°C till + 200°C max.

Supplied complete with internal Viton washer.



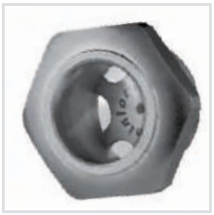


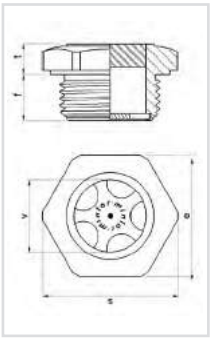

| TYPE | CODE | GAS | f | t | v | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TLAX1G | 1GTLX10A | 1/4" | 8 | 9 | 10 | 17 | £5.91 | € 7.97 |
| TLAX2G | 1GTLX20A | 3/8" | 9 | 10 | 13 | 22 | £6.48 | € 8.75 |
| TLAX3G | 1GTLX30A | 1/2" | 10 | 9 | 16 | 27 | £8.36 | € 11.29 |
| TLAX4G | 1GTLX40A | 3/4" | 11 | 9 | 21 | 32 | £10.28 | € 13.88 |
| TLAX5G | 1GTLX50A | 1" | 14 | 10 | 27 | 40 | £13.10 | € 17.69 |
| TLAX6G | 1GTLX60A | 1"1/4 | 15 | 10 | 37 | 50 | £21.12 | € 28.52 |
| TLAX7G | 1GTLX70A | 1"1/2 | 15 | 10 | 40 | 55 | £22.02 | € 29.73 |
| TLAX8G | 1GTLX80A | 2" | 17 | 14 | 50 | 70 | £22.02 | € 29.73 |

| TYPE | CODE | MB SERIES | f | t | v | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | £ STERLING | € EUROS |
| TLAX1M | 1MTLX10A | 14 x 1,5 | 8 | 9 | 10 | 17 | £5.91 | € 7.97 |
| TLAX2M | 1MTLX20A | 16 x 1,5 | 9 | 10 | 13 | 22 | £6.48 | € 8.75 |
| TLAX3M | 1MTLX30A | 18 x 1,5 | 9 | 10 | 13 | 22 | £7.79 | € 10.51 |
| TLAX4M | 1MTLX40A | 20 x 1,5 | 10 | 10 | 16 | 24 | £8.24 | € 11.12 |
| TLAX5M | 1MTLX50A | 22 x 1,5 | 10 | 9 | 16 | 27 | £8.36 | € 11.29 |
| TLAX6M | 1MTLX60A | 27 x 1,5 | 11 | 9 | 21 | 32 | £11.93 | € 16.11 |
| TLAX7M | 1MTLX70A | 33 x 1,5 | 14 | 10 | 27 | 40 | £14.71 | € 19.86 |
| TLAX8M | 1MTLX80A | 33 x 2 | 14 | 10 | 27 | 40 | £14.71 | € 19.86 |
| TLAX9M | 1MTLX90A | 35 x 1,5 | 14 | 10 | 27 | 40 | £16.70 | € 22.54 |
| TLAX1OM | 1MTLX91A | 40 x 1,5 | 12 | 10 | 37 | 50 | £23.00 | € 31.06 |
| TLAX11 M | 1MTLX92A | 42 x 3 | 15 | 10 | 37 | 50 | £24.34 | € 32.86 |

# TLA XP - VISUAL LEVEL INDICATOR IN STEEL WITH GLASS FOR HIGH PRESSURE

www.flowfitonline.com
TECH. DATA SHEET
MA01





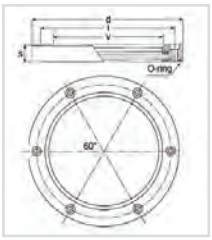
- Body made in nichel-plated steel and transparent inspection window in glass.
  Suitable for high pressures max 30 bar.
- Suitable for high and low temperatures from -30°C till +250°C max.
- Application: Compressors, Construction Machinery and Earth Moving

| TYPE | CODE | GAS | f | t | v | e | S | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TLAXP3G | 1GTLXP3A | 1/2" | 9 | 9,5 | 14 | 27 | 30,2 | £14.19 | € 19.16 |
| TLAXP4G | 1GTLXP4A | 3/4" | 12,5 | 8 | 19 | 32 | 35,7 | £16.35 | € 22.08 |

# OBLÒ - INSPECTION PORTHOLE OR LIQUID-LEVEL Ø 100

www.flowfitonline.com
TECH. DATA SHEET
MA01




- Made of aluminium light alloy with tempered glass; supplied complete with gum washers, anchor screws and 0-ring
- For the tightening to build a central hole of 100 mm and 6 threaded holes M6 arranged 60° on a diameter with inter-axis of 130 mm.
- The thickness of the reservoir must not be less than 5 mm.

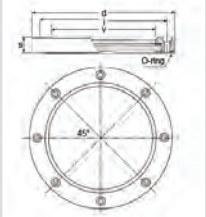
| TYPE | CODE | v | d | i | s | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| OBLÒ | 10BL030A | Ø 100 | Ø 150 | Ø 130 | 19,5 | £44.14 | € 59.58 |

FOR SALES & ADVICE CALL US 01584 876033

# OBLÒ - INSPECTION PORTHOLE OR LIQUID-LEVEL Ø 148

www.flowfitonline.com
TECH. DATA SHEET
MA01



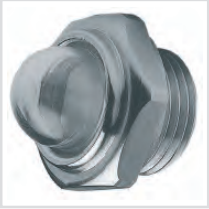

- Made of aluminium light alloy with tempered glass; supplied complete with gum washers, anchor screws and 0-ring.
- For the tightening to build a central hole of 148 mm and 8 threaded holes M6 arranged 45° on a diameter with inter-axis of 180 mm
- The thickness of the reservoir must not be less than 5 mm.

| TYPE | CODE | GAS | f | t | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| OBLO | 10BL040A | Ø 148 | Ø 202 | Ø 180 | 21,5 | £60.16 | € 81.22 |

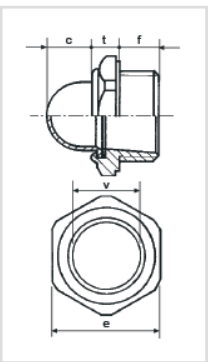
# IFC - DOME-SHAPED LEVEL GAUGE

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Transparent glass that does not alter at high and low temperatures.
- It is particularly suitable for seeing the fluid from the side, as well as the circulation of fluid from the top.
- Avoid contact with alcohol and solvents.
- It is supplied with fixing nut for non- threaded holes on request.



| TYPE | CODE | GAS | f | t | v | e | c | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| IFCOG | 1GIFC00A | 3/8” | 8 | 6 | 16 | 24 | 9 | £3.22 | € 4.34 |
| IFC1G | 1GIFC10A | 1/2” | 10 | 9,5 | 16 | 27 | 9 | £3.54 | € 4.78 |
| IFC2G | 1GIFC20A | 3/4” | 11 | 10 | 19 | 32 | 13 | £4.20 | € 5.67 |
| IFCOG | 1GIFC30A | 1” | 14 | 10 | 25 | 40 | 17 | £5.96 | € 8.05 |
| IFC4G | 1GIFC40A | 1”1/4 | 15 | 10,5 | 33 | 50 | 23 | £13.29 | € 17.95 |
| IFCOG | 1GIFC50A | 1”1/2 | 15 | 10,5 | 36 | 55 | 24 | £15.51 | € 20.94 |
| IFCOG | 1GIFC60A | 2” | 17 | 14 | 42 | 70 | 28 | £26.60 | € 35.91 |



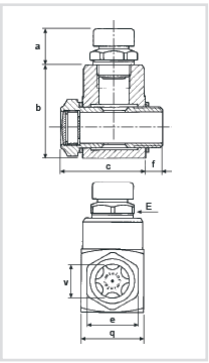

| TYPE | CODE | MB SERIES | f | t | v | e | c | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| IFCOM | 1MIFC00A | 16x 1,5 | 8 | 6 | 16 | 24 | 9 | £3.22 | € 4.34 |
| IFCOM | 1MIFC01A | 18x 1,5 | 8 | 6 | 16 | 24 | 9 | £3.22 | € 4.34 |
| IFC1M | 1MIFC10A | 20 x 1,5 | 10 | 8 | 16 | 24 | 9 | £4.20 | € 5.67 |
| IFC2M | 1MIFC20A | 22 x 1,5 | 10 | 9,5 | 16 | 27 | 9 | £3.54 | € 4.78 |
| IFC3M | 1MIFC30A | 24 x 1,5 | 11 | 9,5 | 14 | 30 | 9 | £5.29 | € 7.15 |
| IFC4M | 1MIFC40A | 25 x 1,5 | 11 | 10 | 18 | 32 | 13 | £5.29 | € 7.15 |
| IFC5M | 1MIFC50A | 27 x 1,5 | 11 | 10 | 18 | 32 | 13 | £6.57 | € 8.87 |
| IFC6M | 1MIFC60A | 30 x 1,5 | 11 | 11 | 23 | 36 | 15 | £6.85 | € 9.24 |
| IFC7M | 1MIFC70A | 33 x 1,5 | 14 | 10,5 | 25 | 40 | 17 | £7.02 | € 9.48 |
| IFC8M | 1MIFC80A | 35 x 1,5 | 14 | 10,5 | 23 | 40 | 17 | £9.34 | € 12.61 |
| IFC9M | 1MIFC90A | 40 x 1,5 | 15 | 10,5 | 33 | 50 | 23 | £13.59 | € 18.34 |
| IFC1OM | 1MIFC95A | 45 x 1,5 | 15 | 10,5 | 36 | 55 | 24 | £15.20 | € 20.51 |
| IFC11M | 1MIFC99A | 52 x 1,5 | 17 | 14 | 42 | 60 | 28 | £26.60 | € 35.91 |

# GTSF - LEVEL INDICATOR UNIT WITH BREATHER PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01

- This unit was designed to satisfy both technical and economical requirements, because it can be applied with a single hole obtaining three services: oil filling, vapor venting, level indication.
- Avoid contact with alcohol and solvents.






| TYPE | CODE | GAS | v | e | q | a | b | c | f | E | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| GTSF1G | 1GGSF1OM | 3/8" | 16 | 27 | 30 | 20 | 46 | 43 | 11 | 22 | £26.38 | € 35.62 |
| GTSF2G | 1GGSF2OM | 1/2" | 16 | 27 | 30 | 21 | 46 | 43 | 11 | 22 | £27.43 | € 37.03 |
| GTSF3G | 1GGSF3OM | 3/4" | 21 | 32 | 40 | 22 | 60 | 52 | 11 | 27 | £33.96 | € 45.84 |
| GTSF4G | 1GGSF4OM | 1" | 27 | 40 | 40 | 26 | 60 | 55 | 16 | 32 | £39.15 | € 52.86 |

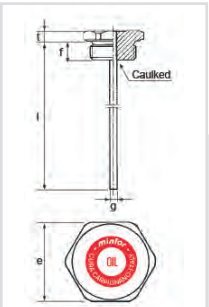
| TYPE | CODE | MB SERES | v | e | q | a | b | c | f | E | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| GTSF1M | 1MGSF1OM | 16 x 1,5 | 16 | 27 | 30 | 20 | 46 | 43 | 11 | 22 | £26.38 | € 35.62 |
| GTSF2M | 1MGSF2OM | 18 x 1,5 | 16 | 27 | 30 | 21 | 46 | 43 | 11 | 22 | £26.67 | € 36.00 |
| GTSF3M | 1MGSF3OM | 20 x 1,5 | 16 | 27 | 30 | 21 | 46 | 43 | 11 | 22 | £27.04 | € 36.50 |
| GTSF4M | 1MGSF4OM | 22 x 1,5 | 16 | 27 | 30 | 21 | 46 | 43 | 11 | 22 | £27.43 | € 37.03 |
| GTSF5M | 1MGSF5OM | 24 x 2 | 16 | 30 | 40 | 22 | 60 | 52 | 11 | 27 | £36.29 | € 48.99 |
| GTSF6M | 1MGSF6OM | 30 x 2 | 21 | 36 | 40 | 26 | 60 | 52 | 14 | 27 | £38.52 | € 52.00 |
| GTSF7M | 1MGSF70A | 33 x 2 | 27 | 40 | 40 | 26 | 60 | 55 | 16 | 32 | £39.15 | € 52.86 |

# TCLA - FILLING PLUG WITH DIPSTICK

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Hex-head threaded plugwith built-in dipstick.
- Also available in various min. and max. notches and lengths.






| TYPE | CODE | GAS | t | f | l | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCLA1G | 1GCLA10A | 1/4" | 6 | 8 | 120 | 5 | 17 | £3.48 | € 4.70 |
| TCLA2G | 1GCLA20A | 3/8" | 8,5 | 10 | 170 | 5 | 22 | £3.84 | € 5.19 |
| TCLA3G | 1GCLA30A | 1/2" | 8,5 | 10 | 170 | 5 | 27 | £4.50 | € 6.08 |
| TCLA4G | 1GCLA40A | 3/4" | 9,5 | 12 | 200 | 5 | 32 | £6.57 | € 8.87 |
| TCLA5G | 1GCLA50A | 1" | 9,5 | 14 | 200 | 5 | 40 | £8.53 | € 11.52 |
| TCLA6G | 1GCLA60A | 1" 1/4 | 10 | 15 | 250 | 5 | 50 | £12.39 | € 16.72 |
| TCLA7G | 1GCLA70A | 1"1/2 | 10 | 15 | 250 | 5 | 55 | £14.97 | € 20.21 |
| TCLA8G | 1GCLA80A | 2" | 12 | 17 | 250 | 5 | 70 | £25.95 | € 35.04 |

| TYPE | CODE | MB SERIES | t | f | l | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCLA1M | 1MCLA10A | 14 x 1,5 | 6 | 8 | 120 | 5 | 17 | £3.48 | € 4.70 |
| TCLA2M | 1MCLA20A | 16 x 1,5 | 7 | 10 | 170 | 5 | 22 | £3.84 | € 5.19 |
| TCLA3M | 1MCLA30A | 18 x 1,5 | 7 | 10 | 170 | 5 | 22 | £4.17 | € 5.63 |
| TCLA4M | 1MCLA40A | 20 x 1,5 | 7 | 10 | 170 | 5 | 24 | £4.29 | € 5.79 |
| TCLA5M | 1MCLA50A | 22 x 1,5 | 7 | 10 | 170 | 5 | 27 | £4.50 | € 6.08 |
| TCLA6M | 1MCLA60A | 24 x 2 | 8 | 12 | 200 | 5 | 30 | £6.59 | € 8.90 |
| TCLA7M | 1MCLA70A | 30 x 2 | 8 | 12 | 200 | 5 | 36 | £8.62 | € 11.63 |
| TCLA8M | 1MCLA80A | 33 x 2 | 8 | 14 | 200 | 5 | 40 | £8.99 | € 12.13 |
| TCLA9M | 1MCLA90A | 42 x 3 | 10 | 15 | 250 | 5 | 50 | £12.39 | € 16.72 |
| TCLA1OM | 1MCLA95A | 48 x 3 | 10 | 15 | 250 | 5 | 55 | £15.75 | € 21.25 |
| TCLA11M | 1MCLA99A | 60 x 4 | 12 | 17 | 250 | 5 | 70 | £27.31 | € 36.87 |

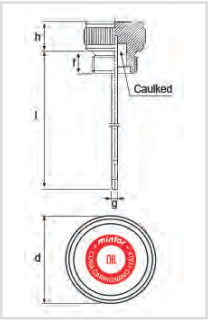
# TCLA/Z - FILLING PLUG WITH DIPSTICK

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Threaded plug with knurled round head for hand-tightening.
- Built-in dipstick.
- Available on request with various min. and max. notches and lengths.



| TYPE | CODE | GAS | h | f | l | g | d | PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCLA/Z1G | 1GLAZ10A | 1/4" | 12 | 8 | 120 | 5 | 22 | £3.54 | € 4.78 |
| TCLA/Z2G | 1GLAZ20A | 3/8" | 13,5 | 10 | 170 | 5 | 26 | £3.93 | € 5.30 |
| TCLA/Z3G | 1GLAZ30A | 1/2" | 16,5 | 10 | 170 | 5 | 30 | £4.59 | € 6.20 |
| TCLA/Z4G | 1GLAZ40A | 3/4" | 20 | 12 | 200 | 5 | 40 | £6.62 | € 8.94 |
| TCLA/Z5G | 1GLAZ50A | 1" | 21,5 | 14 | 200 | 5 | 45 | £9.08 | € 12.26 |
| TCLA/Z6G | 1GLAZ60A | 1" 1/4 | 20 | 15 | 250 | 5 | 55 | £12.46 | € 16.83 |
| TCLA/Z7G | 1GLAZ70A | 1"1/2 | 20 | 15 | 250 | 5 | 55 | £15.27 | € 20.62 |
| TCLA/Z8G | 1GLAZ80A | 2" | 20 | 17 | 250 | 5 | 70 | £27.56 | € 37.21 |




| TYPE | CODE | MB SERIES | h | f | l | g | d | PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCLA/Z1M | 1MLAZ10A | 14 x 1,5 | 12 | 8 | 120 | 5 | 22 | £3.54 | € 4.78 |
| TCLA/Z2M | 1MLAZ20A | 16 x 1,5 | 12 | 10 | 170 | 5 | 26 | £3.93 | € 5.30 |
| TCLA/Z3M | 1MLAZ30A | 18 x 1,5 | 12 | 10 | 170 | 5 | 26 | £4.10 | € 5.54 |
| TCLA/Z4M | 1MLAZ40A | 20 x 1,5 | 15 | 10 | 170 | 5 | 30 | £4.46 | € 6.03 |
| TCLA/Z5M | 1MLAZ50A | 22 x 1,5 | 15 | 10 | 170 | 5 | 30 | £4.59 | € 6.20 |
| TCLA/Z6M | 1MLAZ60A | 24 x 2 | 15 | 12 | 200 | 5 | 36 | £6.88 | € 9.29 |
| TCLA/Z7M | 1MLAZ70A | 30 x 2 | 20 | 12 | 200 | 5 | 42 | £8.81 | € 11.90 |
| TCLA/Z8M | 1MLAZ80A | 33 x 2 | 20 | 14 | 200 | 5 | 45 | £9.08 | € 12.26 |

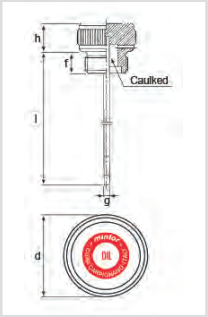
# TCLS/Z - FILLING PLUG WITH DIPSTICK AND BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Threaded plug with knurled round head for hand-tightening.
- Hole for venting internal pressure.
- Built-in dipstick.
- Available in various max. and min. notches and lengths on request.
- For applications requiring extratight sealing, type LSF is recommended.



| TYPE | CODE | GAS | h | f | l | g | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCLS/Z1G | 1GLSZ10A | 1/4" | 12 | 8 | 120 | 5 | 22 | £3.84 | € 5.19 |
| TCLS/Z2G | 1GLSZ20A | 3/8" | 13,5 | 10 | 170 | 5 | 26 | £4.22 | € 5.70 |
| TCLS/Z3G | 1GLSZ30A | 1/2" | 16,5 | 10 | 170 | 5 | 30 | £4.96 | € 6.70 |
| TCLS/Z4G | 1GLSZ40A | 3/4" | 20 | 12 | 200 | 5 | 40 | £6.98 | € 9.42 |
| TCLS/Z5G | 1GLSZ50A | 1" | 21,5 | 14 | 200 | 5 | 45 | £9.48 | € 12.80 |
| TCLS/Z6G | 1GLSZ60A | 1" 1/4 | 20 | 15 | 250 | 5 | 55 | £12.86 | € 17.37 |
| TCLS/Z7G | 1GLSZ70A | 1"1/2 | 20 | 15 | 250 | 5 | 55 | £15.70 | € 21.20 |
| TCLS/Z8G | 1GLSZ80A | 2" | 20 | 17 | 250 | 5 | 70 | £27.84 | € 37.58 |




| TYPE | CODE | MB SERIES | h | f | l | g | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCLS/Z1M | 1MLSZ10A | 14 x 1,5 | 12 | 8 | 120 | 5 | 22 | £3.84 | € 5.19 |
| TCLS/Z2M | 1MLSZ20A | 16 x 1,5 | 12 | 10 | 170 | 5 | 26 | £4.22 | € 5.70 |
| TCLS/Z3M | 1MLSZ30A | 18 x 1,5 | 12 | 10 | 170 | 5 | 26 | £4.46 | € 6.03 |
| TCLS/Z4M | 1MLSZ40A | 20 x 1,5 | 15 | 10 | 170 | 5 | 30 | £4.84 | € 6.53 |
| TCLS/Z5M | 1MLSZ50A | 22 x 1,5 | 15 | 10 | 170 | 5 | 30 | £4.96 | € 6.70 |
| TCLS/Z6M | 1MLSZ60A | 24 x 2 | 15 | 12 | 200 | 5 | 36 | £7.29 | € 9.84 |
| TCLS/Z7M | 1MLSZ70A | 30 x 2 | 20 | 12 | 200 | 5 | 42 | £9.19 | € 12.41 |
| TCLS/Z8M | 1MLSZ80A | 33 x 2 | 21,5 | 14 | 200 | 5 | 45 | £9.48 | € 12.80 |

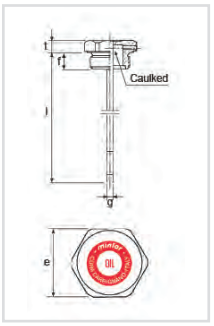
# TCLS - FILLING PLUG WITH DIPSTICK AND BREATHER HOLE

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Threaded plug with hex head and breather hole for venting internal pressure.
- Built-in dipstick.
- Available with various min. and max. notches and lengths.
- For applications requiring extra-tight sealing, type LSF is recommended.



| TYPE | CODE | GAS | t | f | l | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCLS1G | 1GCSL10A | | 6 | 8 | 120 | 5 | 17 | £3.69 | € 4.99 |
| TCLS2G | 1GCSL20A | 3/8" | 8 | 10 | 170 | 5 | 22 | £4.07 | € 5.50 |
| TCLS3G | 1GCSL30A | 1/2" | 9 | 10 | 170 | 5 | 27 | £4.73 | € 6.38 |
| TCLS4G | 1GCSL40A | 3/4" | 9 | 12 | 200 | 5 | 32 | £6.77 | € 9.14 |
| TCLS5G | 1GCSL50A | 1" | 12 | 14 | 200 | 5 | 40 | £9.23 | € 12.46 |
| TCLS6G | 1GCSL60A | 1" 1/4 | 14 | 15 | 250 | 5 | 50 | £12.59 | € 17.00 |
| TCLS7G | 1GCSL70A | 1"1/2 | 14 | 15 | 250 | 5 | 55 | £16.03 | € 21.63 |
| TCLS8G | 1GCSL80A | 2" | 14 | 17 | 250 | 5 | 70 | £27.59 | € 37.25 |

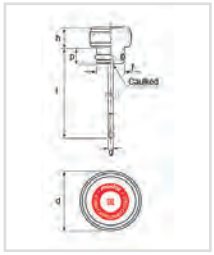



| TYPE | CODE | MB SERIES | t | f | l | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCLS1M | 1MCSL10A | 14 x 1,5 | 6 | 8 | 120 | 5 | 17 | £3.69 | € 4.99 |
| TCLS2M | 1MCSL20A | 16 x 1,5 | 8 | 10 | 170 | 5 | 22 | £4.07 | € 5.50 |
| TCLS3M | 1MCSL30A | 18 x 1,5 | 8 | 10 | 170 | 5 | 22 | £4.29 | € 5.79 |
| TC LS4M | 1MCSL40A | 20 x 1,5 | 9 | 10 | 170 | 5 | 24 | £4.48 | € 6.05 |
| TCLS5M | 1MCSL50A | 22 x 1,5 | 9 | 10 | 170 | 5 | 27 | £4.73 | € 6.38 |
| TCLS6M | 1MCSL60A | 24 x 2 | 9 | 12 | 200 | 5 | 30 | £6.83 | € 9.21 |
| TCLS7M | 1MCSL70A | 30 x 2 | 10 | 12 | 200 | 5 | 36 | £8.87 | € 11.97 |
| TCLS8M | 1MCSL80A | 33 x 2 | 12 | 14 | 200 | 5 | 40 | £9.23 | € 12.46 |
| TCLS9M | 1MCSL90A | 42 x 3 | 14 | 15 | 250 | 5 | 50 | £12.59 | € 17.00 |
| TCLS1OM | 1MCSL95A | 48 x 3 | 14 | 15 | 250 | 5 | 55 | £16.03 | € 21.63 |
| TCLS11M | 1MCSL99A | 60 x 4 | 14 | 17 | 250 | 5 | 70 | £27.59 | € 37.25 |

# ILA - LEVEL INDICATOR

www.flowfitonline.com
TECH. DATA SHEET
MA01






- 0-ring version for smooth holes.
- Knurled round head.
- Built-in dipstick.
- Also available with different min.and max. notches and lengths.

| TYPE | CODE | 0 - R | h | p | l | Øf H11 | g | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ILAO | 1PILAO0A | OR 108 | 12 | 20 | 120 | 12 | 5 | 21 | £6.90 | € 9.32 |
| ILA1 | 1PILA10A | OR 115 | 12 | 9 | 170 | 17 | 5 | 25 | £6.38 | € 8.62 |
| ILA2 | 1PILA20A | OR 119 | 15 | 9 | 170 | 20 | 5 | 30 | £6.94 | € 9.37 |
| ILA3 | 1PILA30A | OR 3081 | 15 | 11 | 170 | 25 | 5 | 32 | £7.62 | € 10.29 |
| ILA4 | 1PILA40A | OR 3100 | 18 | 14 | 200 | 30 | 5 | 36 | £9.30 | € 12.55 |
| ILA5 | 1PILA50A | OR 4112 | 18 | 14 | 200 | 35 | 5 | 40 | £11.15 | € 15.04 |

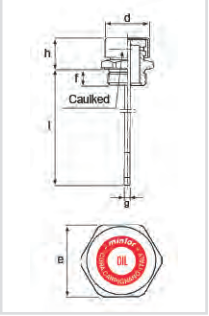
# ILAF - LEVEL INDICATOR WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Version for threaded holes.
- Large chamber with cut perpendicular to the axis protected by its cover of galvanized steel that keeps out foreign bodies and vents internal pressure.
- Built-in dipstick.
- Also available in various min. and max.notches and lengths.
- For applications requiring extratight sealing, type LSF is recommended.



| TYPE | CODE | GAS | d | h | f | l | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ILAFOG | 1GIFAO0A | 1/4" | 16,5 | 17 | 8 | 120 | 5 | 17 | £6.47 | € 8.74 |
| ILAF1G | 1GIFA10A | 3/8" | 22 | 20 | 9 | 170 | 5 | 22 | £6.47 | € 8.74 |
| ILAF2G | 1GIFA20A | 1/2" | 26 | 22 | 10 | 170 | 5 | 27 | £6.89 | € 9.30 |
| ILAFOG | 1GIFA30A | 3/4" | 30 | 24 | 12 | 200 | 5 | 32 | £8.45 | € 11.40 |
| ILAF4G | 1GIFA40A | 1" | 38 | 29 | 14 | 200 | 5 | 40 | £11.85 | € 15.99 |
| ILAFOG | 1GIFA50A | 1" 1/4 | 50 | 33 | 15 | 250 | 5 | 50 | £18.86 | € 25.46 |
| ILAFOG | 1GIFA60A | 1"1/2 | 55 | 33 | 15 | 250 | 5 | 55 | £22.24 | € 30.02 |
| ILAF7G | 1GIFA70A | 2" | 70 | 40 | 17 | 250 | 5 | 70 | £43.62 | € 58.89 |

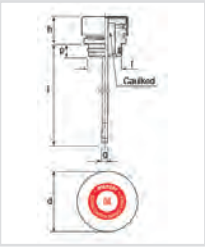



| TYPE | CODE | MB SERIES | d | h | f | l | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ILAFOM | 1M1FAO0A | 14 x 1,5 | 16,5 | 17 | 8 | 120 | 5 | 17 | £6.47 | € 8.74 |
| ILAF1M | 1MIFA10A | 16 x 1,5 | 22 | 20 | 9 | 170 | 5 | 22 | £6.47 | € 8.74 |
| ILAF2M | 1MIFA20A | 18 x 1,5 | 22 | 20 | 10 | 170 | 5 | 22 | £6.59 | € 8.90 |
| ILAFOM | 1MIFA30A | 20 x 1,5 | 24 | 21 | 10 | 170 | 5 | 24 | £6.74 | € 9.09 |
| ILAF4M | 1MIFA40A | 22 x 1,5 | 26 | 22 | 10 | 170 | 5 | 27 | £6.89 | € 9.30 |
| ILAFOM | 1MIFA50A | 24 x 2 | 30 | 24 | 12 | 200 | 5 | 30 | £8.41 | € 11.36 |
| ILAF6M | 1MIFA60A | 30 x 2 | 30 | 25 | 12 | 200 | 5 | 36 | £11.55 | € 15.58 |
| ILAF7M | 1MIFA70A | 33 x 2 | 38 | 29 | 14 | 200 | 5 | 40 | £11.85 | € 15.99 |
| ILAF8M | 1MIFA80A | 42 x 3 | 50 | 33 | 15 | 250 | 5 | 50 | £18.86 | € 25.46 |
| ILAF9M | 1MIFA90A | 48 x 3 | 55 | 33 | 15 | 250 | 5 | 55 | £22.24 | € 30.02 |
| ILAF10M | 1M1FA95A | 60 x 4 | 70 | 40 | 17 | 250 | 5 | 70 | £43.62 | € 58.89 |

# ILAS - LEVEL INDICATOR WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01






- 0-ring version for smooth holes.
- Large chamber with cut perpendicular to the axis protected by its cover of galvanized steel that keeps out foreign bodies and vents internal pressure.
- Built-in dipstick.
- Also available in various min. and max. notches and lengths.

| TYPE | CODE | 0 - R | h | p | l | Øf H11 | g | d | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| ILAS1 | 1 PISA10A | OR 115 | 18 | 9 | 170 | 17 | 5 | 22 | £6.88 | € 9.29 |
| ILAS2 | 1 PISA20A | OR 119 | 19 | 9 | 170 | 20 | 5 | 26 | £7.17 | € 9.68 |
| ILAS3 | 1 PISA30A | OR 3081 | 21 | 11 | 170 | 25 | 5 | 30 | £8.59 | € 11.59 |
| ILAS4 | 1 PISA40A | OR 3100 | 26 | 14 | 200 | 30 | 5 | 38 | £12.06 | € 16.29 |
| ILAS5 | 1 PISA50A | OR 4112 | 30 | 14 | 200 | 35 | 5 | 50 | £19.18 | € 25.90 |

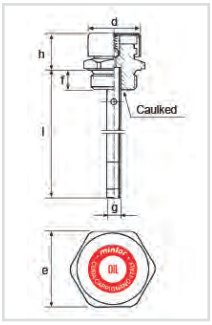
# LSF - LEVEL INDICATOR WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Breather plug and level indicator with galvanized-steel cover and suitably designed internal valve calibrated from 0,05 to 0,10 bar, that opens at intervals to vent internal pressure created by fluid turbulence.
- It is especially recommended for applications on high-rpm speed-change gears.



| TYPE | CODE | GAS | d | h | f | l | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| LSF1G | 1GLSF10A | 1/4" | 16,5 | 17,5 | 9 | 170 | 8 | 17 | £8.58 | € 11.58 |
| LSF2G | 1GLSF20A | 3/8" | 22 | 19 | 11 | 170 | 10 | 22 | £9.47 | € 12.79 |
| LSF3G | 1GLSF30A | 1/2" | 26 | 20 | 11 | 170 | 10 | 27 | £10.24 | € 13.82 |
| LSF4G | 1GLSF40A | 3/4" | 30 | 24 | 12 | 200 | 10 | 32 | £12.29 | € 16.59 |
| LSF5G | 1GLSF50A | 1" | 38 | 29 | 14 | 200 | 10 | 40 | £16.57 | € 22.37 |




| TYPE | CODE | MB SERIES | d | h | f | l | g | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| LSF1M | 1MLSF10A | 14 x 1,5 | 16,5 | 17,5 | 9 | 170 | 8 | 17 | £8.58 | € 11.58 |
| LSF2M | 1MLSF20A | 16 x 1,5 | 22 | 19 | 11 | 170 | 10 | 22 | £9.47 | € 12.79 |
| LSF3M | 1MLSF30A | 18 x 1,5 | 22 | 19 | 11 | 170 | 10 | 22 | £9.71 | € 13.11 |
| LSF4M | 1MLSF40A | 20 x 1,5 | 24 | 20 | 11 | 170 | 10 | 24 | £10.07 | € 13.59 |
| LSF5M | 1MLSF50A | 22 x 1,5 | 26 | 20 | 11 | 170 | 10 | 27 | £10.24 | € 13.82 |
| LSF6M | 1MLSF60A | 24 x 2 | 30 | 24 | 12 | 170 | 10 | 30 | £11.94 | € 16.12 |
| LSF7M | 1MLSF70A | 30 x 2 | 30 | 25 | 14 | 200 | 10 | 36 | £16.16 | € 21.82 |
| LSF8M | 1MLSF80A | 33 x 2 | 38 | 29 | 14 | 200 | 10 | 40 | £16.57 | € 22.37 |

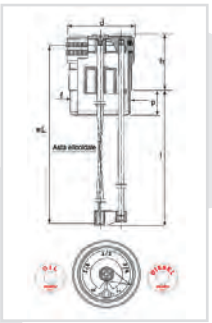
# TRBF/LG - VISUAL LEVEL INDICATOR WITH FLOAT SYSTEM

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Composed of aluminium light alloy female cover with visual dial.
- It is screwed on burnished steel sleeve which is welded onto the machine cover or tank.
- Complete with float system, it allows an exact and constant indication of the level of fluid inside the tank.
- Especially designed for application on agricultural, earth moving, building machinery and hydraulic units.
- Temperature during use 80°C max.
- By request with breather. Avoid contacts with alcohol and solvents.



| TYPE | OIL CODE | DIESEL CODE | GAS | L | d | h | p | l | f | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| TRBF/LG | 1G1LGBS301 | 1LGBS305 | 2" | 200 | 65 | 56 | 24 | 160 | 57 | £46.39 | € 62.62 |
| TRBF/LG | 2G1LGBS302 | 1LGBS306 | 2" | 300 | 65 | 56 | 24 | 260 | 57 | £47.16 | € 63.67 |
| TRBF/LG | 3G1LGBS303 | 1LGBS307 | 2" | 350 | 65 | 56 | 24 | 310 | 57 | £47.52 | € 64.15 |
| TRBF/LG | 4G1LGBS304 | 1LGBS308 | 2" | 400 | 65 | 56 | 24 | 360 | 57 | £48.01 | € 64.81 |



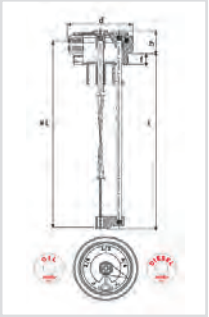
| TYPE | OIL CODE | DIESEL CODE | METRIC | L | d | h | p | l | f | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| TRBF/LG1M | 1LGBS401 | 1LGBS405 | 60 X 2 | 200 | 65 | 56 | 24 | 160 | 57 | £46.39 | € 62.62 |
| TRBF/LG2M | 1LGBS402 | 1LGBS406 | 60 X 2 | 300 | 65 | 56 | 24 | 260 | 57 | £47.16 | € 63.67 |
| TRBF/LG3M | 1LGBS403 | 1LGBS407 | 60 X 2 | 350 | 65 | 56 | 24 | 310 | 57 | £47.52 | € 64.15 |
| TRBF/LG4M | 1LGBS404 | 1LGBS408 | 60 X 2 | 400 | 65 | 56 | 24 | 360 | 57 | £48.01 | € 64.81 |

# TC/ZLG - VISUAL LEVEL INDICATOR WITH FLOAT SYSTEM

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Composed of aluminium light alloy male cover with visual dial.
- Complete with float system, it allows an exact and constant indication of the level of fluid inside the tank.
- Especially designed for application on agricultural, earth moving, building machinery and hydraulic units.
- Supplied with 0-ring.
- Temperature during use 80°C max.
- By request with breather.
- Avoid contacts with alcohol and solvents.





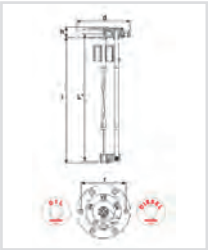
| TYPE | OIL CODE | DIESEL CODE | GAS | L | d | h | f | l | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| TC/ZLG1G | 1LGTM304 | 1LGTM300 | 2” | 200 | 70 | 25 | 12 | 192 | £41.95 | € 56.62 |
| TC/ZLG2G | 1LGTM305 | 1LGTM301 | 2” | 300 | 70 | 25 | 12 | 292 | £42.68 | € 57.62 |
| TC/ZLG3G | 1LGTM306 | 1LGTM302 | 2” | 350 | 70 | 25 | 12 | 342 | £43.06 | € 58.13 |
| TC/ZLG4G | 1LGTM307 | 1LGTM303 | 2” | 400 | 70 | 25 | 12 | 392 | £43.46 | € 58.67 |

| TYPE | OIL CODE | DIESEL CODE | METRRIC | L | d | h | p | l | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| TC/ZLG1M | 1LGTM404 | 1LGTM400 | 60 X 2 | 200 | 70 | 25 | 12 | 192 | £41.95 | € 56.62 |
| TC/ZLG2M | 1LGTM405 | 1LGTM401 | 60 X 2 | 300 | 70 | 25 | 12 | 292 | £42.68 | € 57.62 |
| TC/ZLG3M | 1LGTM406 | 1LGTM402 | 60 X 2 | 350 | 70 | 25 | 12 | 342 | £43.06 | € 58.13 |
| TC/ZLG4M | 1LGTM407 | 1LGTM403 | 60 X 2 | 400 | 70 | 25 | 12 | 392 | £43.46 | € 58.67 |

# LGF68 - FLANGED LEVEL INDICATOR WITH FLOAT SYSTEM

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Composed of aluminium light alloy flanged cover with orientable dial.
- Applicable to holes 50 to 54 mm.
- Complete with float system, it allows an exact and constant indication of the level of fluid inside the tank.
- Supplied with 0-ring and alien screw M4 for the fixing.
- Especially designed for application on agricultural, earth moving, building machinery and hydraulic units.
- Temperature during use 80°C max.
- Avoid contacts with alcohol and solvents
- On request, provided in different colours.

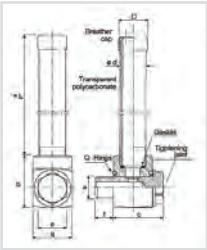
| TYPE | OIL CODE | GASOIL CODE | L* | d | h | l | r | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| LGF681 | 1LGF6801 | 1LGF6806 | 200 | 80 | 16 | 203 | 68 | £50.09 | € 67.62 |
| LGF682 | 1LGF6802 | 1LGF6807 | 250 | 80 | 16 | 253 | 68 | £50.55 | € 68.25 |
| LGF683 | 1LGF6803 | 1LGF6808 | 300 | 80 | 16 | 303 | 68 | £50.95 | € 68.79 |
| LGF684 | 1LGF6804 | 1LGF6809 | 350 | 80 | 16 | 353 | 68 | £51.47 | € 69.49 |
| LGF685 | 1LGF6805 | 1LGF6810 | 400 | 80 | 16 | 403 | 68 | £51.98 | € 70.18 |

* variable data on customer’s request (max. 200 mm)

# LGF68 - FLANGED LEVEL INDICATOR WITH FLOAT SYSTEM

www.flowfitonline.com
TECH. DATA SHEET
MA01





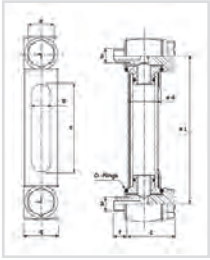
- Composed of aluminium light alloy flanged cover with orientable dial.
- Applicable to holes 50 to 54 mm.
- Complete with float system, it allows an exact and constant indication of the level of fluid inside the tank.
- Supplied with 0-ring and alien screw M4 for the fixing.
- Especially designed for application on agricultural, earth moving, building machinery and hydraulic units.
- Temperature during use 80°C max.
- Avoid contacts with alcohol and solvents
- On request, provided in different colours.

| TYPE | CODE | a | L* | b | e | q | D | d | c | f | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| GLVS1G | 1GLVS10A | 3/8" | 50 | 40 | 22 | 30 | 22 | 20 | 43 | 10 | £24.43 | € 32.98 |
| GLVS2G | 1GLVS20A | 3/8" | 100 | 40 | 22 | 30 | 22 | 20 | 43 | 10 | £25.38 | € 34.27 |
| GLVS3G | 1GLVS30A | 3/8" | 150 | 40 | 22 | 30 | 22 | 20 | 43 | 10 | £26.65 | € 35.99 |
| GLVS4G | 1GLVS40A | 3/8" | 200 | 40 | 22 | 30 | 22 | 20 | 43 | 10 | £27.95 | € 37.74 |

# GLVX - VERTICAL LEVEL INDICATOR WITH DOUBLE THREAD, WITH PYREX GLASS AND PROTECTION

www.flowfitonline.com
TECH. DATA SHEET
MA01





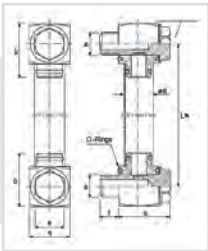
- Vertical level indicator with double thread to control fluid level.
- Realized with aluminium light alloy little blocks, trasparent tube made in pyrex glass and Viton 0-Rings.
- Suitable for low and high temperatures - 20°C + 200°C max.
- Supplied complete with protection.

| TYPE | CODE | a | L* | e | q | d | c | f | v | b | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| GLVX1G | 1GLVX10A | 3/8" | 127 | 22 | 30 | 28 | 43 | 10 | 75 | 16 | £58.89 | € 79.51 |
| GLVX2G | 1GLVX20A | 3/8" | 254 | 22 | 30 | 28 | 43 | 10 | 202 | 16 | £72.09 | € 97.32 |
| GLVX1M | 1MLVX10A | 10x1,5 | 127 | 22 | 30 | 28 | 43 | 10 | 75 | 16 | £58.89 | € 79.51 |
| GLVX2M | 1MLVX20A | 10x1,5 | 254 | 22 | 30 | 28 | 43 | 10 | 202 | 16 | £72.09 | € 97.32 |
| GLVX3M | 1MLVX30A | 12x1,75 | 127 | 22 | 30 | 28 | 43 | 10 | 75 | 16 | £58.89 | € 79.51 |
| GLVX4M | 1MLVX40A | 12x1,75 | 254 | 22 | 30 | 28 | 43 | 10 | 202 | 16 | £72.09 | € 97.32 |

# GLV - VERTICAL LEVEL INDICATOR WITH DOUBLE THREAD

www.flowfitonline.com
TECH. DATA SHEET
MA01





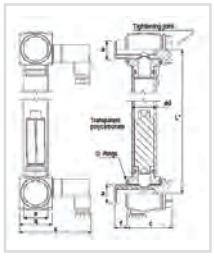
- Vertical level indicator with double thread to control fluid level.
- Realized with black anodizated aluminium light alloy little blocks and transparent tube; available completed with 0-Rings.
- Avoid contact with petrol, benzine, alcohol, petroleum, toluol and glycol.

| TYPE | CODE | a | L* | b | e | q | d | c | f | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| GLV1G | 1GGLV10A | 3/8" | 500 | 40 | 22 | 30 | 22 | 43 | 10 | £49.64 | € 67.01 |
| GLV2G | 1GGLV20A | 3/8" | 1000 | 40 | 22 | 30 | 22 | 43 | 10 | £58.76 | € 79.33 |
| GLV3G | 1GGLV30A | 3/8" | 1500 | 40 | 22 | 30 | 22 | 43 | 10 | £69.90 | € 94.36 |
| GLV4G | 1GGLV40A | 3/8" | 2000 | 40 | 22 | 30 | 22 | 43 | 10 | £81.03 | € 109.39 |

# GLVE - VERTICAL LEVEL INDICATOR WITH DOUBLE ELECTRICAL CONTACT

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Used for the control of the fluid for tanks.
- The electrical sensor indicates the attainment of the MIN and MAX level of the fluid. The contacts are normally opened, they close to the attainment of the MIN or MAX level.
- Available with length variable, on request of customer, from a minimum of 200 mm to a maximum of 2.000 mm.
- Supplied complete of connectors.
- Electrical characteristics: Maximum load on the electrical contacts: AC till 125 Volt — 1,0 A — 10 VA, DC till 100 Volt — 1,0 A — 10 VA.
- For further information please demand the electrical plan. Avoid contacts with alcohol, trichloroethylene, solvents, petrol and petroleum.

| TYPE | CODE | a | L* | e | q | d | c | f | s | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| GLVE1G | 1GLVE10A | 3/8" | 500 | 22 | 30 | 22 | 43 | 10 | 65 | £90.69 | € 122.43 |
| GLVE2G | 1GLVE20A | 3/8" | 1000 | 22 | 30 | 22 | 43 | 10 | 65 | £101.90 | € 137.56 |
| GLVE3G | 1GLVE30A | 3/8" | 1500 | 22 | 30 | 22 | 43 | 10 | 65 | £109.64 | € 148.01 |
| GLVE4G | 1GLVE40A | 3/8" | 2000 | 22 | 30 | 22 | 43 | 10 | 65 | £118.56 | € 160.06 |

# PL - VERTICAL LEVEL INDICATOR

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Used for checking fluid level in large tanks.
- Complete with seals, screws and anchor nuts.
- Easy to assemble, it gives a tolerance of 0,5 mm along the interhole axis, maintaining a perfect seal.
- Avoid contact with alcohol, toluol and glycol.

| TYPE | CODE | L | r | v | c | i | f | h | a | b | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| PL1 | 1VPLV10A | 109 | 34 | 37 | 16,5 | 76 | M 10 | 21,5 | 11 | 29 | £17.29 | € 23.34 |
| PL2 | 1VPLV20A | 160 | 34 | 88 | 16,5 | 127 | M 12 | 21,5 | 16 | 29 | £20.46 | € 27.62 |
| PL3 | 1VPLV30A | 287 | 34 | 215 | 16,5 | 254 | M 12 | 21,5 | 16 | 29 | £35.83 | € 48.37 |

# PLT - VERTICAL LEVEL INDICATOR WITH THERMOMETER

www.flowfitonline.com
TECH. DATA SHEET
MA01





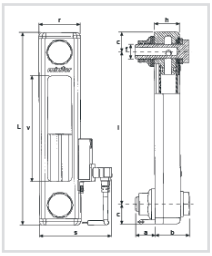
- Used for checking fluid level in large tanks.
- Complete with seals, thermometer, screws and anchor nuts.
- Easy to assemble, it gives a tolerance of 0,5 mm along the interhole axis, maintaining a perfect seal.
- Avoid contact with alcohol, toluol and glycol.

| TYPE | CODE | L | r | v | c | i | f | h | a | b | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| PLT1 | 1VPLT10A | 109 | 34 | 37 | 16,5 | 76 | M 10 | 21,5 | 11 | 29 | £20.31 | € 27.42 |
| PLT2 | 1VPLT20A | 160 | 34 | 88 | 16,5 | 127 | M 12 | 21,5 | 16 | 29 | £24.05 | € 32.46 |
| PLT3 | 1VPLT30A | 287 | 34 | 215 | 16,5 | 254 | M 12 | 21,5 | 16 | 29 | £39.45 | € 53.27 |

# PLE - VERTICAL LEVEL INDICATOR WITH ELECTRICAL CONTACT

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Used for the control of the fluid for tanks.
- The electrical sensor indicates through a visual signal the attainment of the minimal level of the fluid.
- The contacts are normally opened, they close to the attainment of the minimal level.
- Supplied complete of connector and 2,5 mt cable.
- Electrical characteristics Electrical protection: as per norm IP67 - Maximum load on the electrical contacts: AC till 250 Volt - 0,5 Ampere, DC till 250 Volt - 0,5 Ampere. Concurred liquid specific weight: min. 0,80 kg/dm3.
- For further information pleas demand the electrical plan.
- Avoid contacts with alcohol, trichloroethylene and solvents.

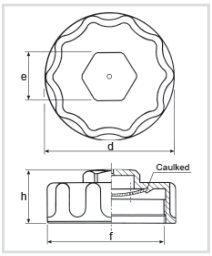
| TYPE | CODE | L | r | v | c | i | f | h | a | b | s | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | £ STERLING | € EUROS |
| PLE2 | 1VPLE20A | 160 | 34 | 88 | 16,5 | 127 | M 12 | 21,5 | 16 | 29 | 59 | £81.26 | € 109.70 |
| PLE3 | 1VPLE30A | 287 | 34 | 215 | 16,5 | 254 | M 12 | 21,5 | 16 | 29 | 59 | £96.58 | € 130.39 |

# FILLING PLUGS

## TFES - FEMALE THREADED PLUG WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01





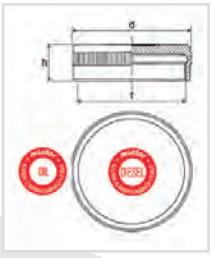

- Aluminium plug with inside thread and breather pipe, complete with gasket, suitable for large tanks.
- Handy grip and possibility of locking with Allen wrench.
- On request, with anodic treatment.

| TYPE | CODE | f | d | h | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TFES1M | 1MTFE10A | 80 x 2 | 95 | 40 | 36 | £17.51 | € 23.63 |

## TFE/Z - FEMALE THREADED PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01



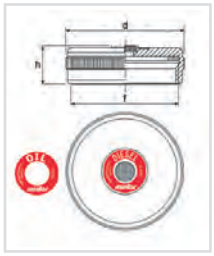

- Plug with internal thread in aluminium alloy for applications on sleeves with male thread.
- Optionally available with different wordings.

| TYPE | OIL CODE | DIESEL CODE | f | d | h | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TFE/ZOG | 1 WCPA002 | 1 WCPA003 | 1” | 40 | 20 | £6.79 | € 9.17 |
| TFE/Z1G | 1WCPA102 | 1WCPA103 | 1” 1/4 | 50 | 20 | £9.98 | € 13.47 |
| TFE/Z2G | 1WCPA202 | 1WCPA203 | 1”1/2 | 55 | 20 | £9.98 | € 13.47 |
| TFE/Z3G | 1WCPA302 | 1WCPA303 | 2” | 65 | 20 | £10.57 | € 14.28 |
| TFE/Z4M | 1WCPA402 | 1WCPA403 | 60 x 2 | 65 | 20 | £10.57 | € 14.28 |

# TFES/Z - FEMALE THREADED PLUG WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01





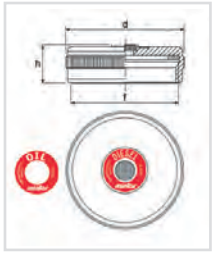
- Plug with internal thread in aluminium alloy for applications on sleeves with male thread.
- The spherical bronze filter of 40 microns built into the plug vents internal pressure and keeps out foreign bodies during the intake stroke.

| TYPE | OIL CODE | DIESEL CODE | f | d | h | NETT. PRICE | |
|---|---|---|---|---|---|---|---|
| | | | | | | £ STERLING | € EUROS |
| TFES/ZOG | 1WFSZ002 | 1WFSZ003 | 1" | 40 | 20 | £7.69 | € 10.38 |
| TFES/Z1G | 1WFSZ102 | 1WFSZ103 | 1" 1/4 | 50 | 22 | £8.10 | € 10.94 |
| TFES/Z2G | 1WFSZ202 | 1WFSZ203 | 1"1/2 | 55 | 22 | £10.91 | € 14.73 |
| TFES/ZOG | 1WFSZ302 | 1WFSZ303 | 2" | 65 | 22 | £11.49 | € 15.51 |
| TFES/Z4M | 1WFSZ402 | 1WFSZ403 | 60 x 2 | 65 | 22 | £11.49 | € 15.51 |

# TFES/ZA - PLUG WITH FEMALE THREAD, BREATHER AND DIPSTICK

www.flowfitonline.com
TECH. DATA SHEET
MA01





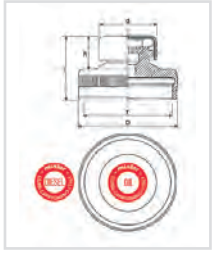
- Plug with internal thread in aluminium alloy for applications on sleeves with male thread.
- The spherical bronze filter of 40 microns built into the plug vents internal pressure and keeps out foreign bodies during the intake stroke.
- Built-in dipstick.
- On request, in different lengths and with minimum and maximum notches.

| TYPE | OIL CODE | DIESEL CODE | f | d | h | l | g | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TFES/ZAOG | 1WFZA002 | 1WFZA003 | 1" | 40 | 20 | 200 | 5 | £12.42 | € 16.77 |
| TFES/ZA1G | 1WFZA102 | 1WFZA103 | 1" 1/4 | 50 | 20 | 250 | 5 | £13.60 | € 18.36 |
| TFES/ZA2G | 1WFZA202 | 1WFZA203 | 1"1/2 | 55 | 20 | 250 | 5 | £13.60 | € 18.36 |
| TFES/ZAOG | 1WFZA302 | 1WFZA303 | 2" | 65 | 20 | 250 | 5 | £14.71 | € 19.86 |
| TFES/ZA4M | 1WFZA402 | 1WFZA403 | 60 x 2 | 65 | 20 | 250 | 5 | £21.02 | € 28.37 |

# TFES/ZF - FEMALE THREADED PLUG WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Plug with internal thread in aluminium alloy for applications on sleeves with male thread.
- A galvanized-steel cover and a spherical 40 microns bronze filter vent internal pressure and keep out foreign bodies during the intake stroke.
- Especially suitable in dusty environments and for application on agricultural and building machinery.

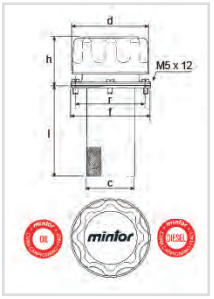
| TYPE | OIL CODE | DIESEL CODE | f | d | h | l | D | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TFES/ZF1G | 1WCPF101 | 1WCPF102 | 1" | 30 | 21 | 41 | 40 | £12.53 | € 16.91 |
| TFES/ZF2G | 1WCPF201 | 1WCPF202 | 1"1/2 | 38 | 21 | 41 | 55 | £16.47 | € 22.24 |
| TFES/ZF3G | 1WCPF301 | 1WCPF302 | 2" | 38 | 21 | 41 | 65 | £19.93 | € 26.90 |
| TFES/ZF4M | 1WCPF401 | 1WCPF402 | 60 x 2 | 38 | 21 | 41 | 65 | £19.93 | € 26.90 |

# TCAR - FILLING PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01

- With breather and trap for oil pre-filtering, made entirely of chromed steel with bayonet closure.
- Supplied with screws and seals for immediate use.
- The air filter contained in the plug is available at 10 microns and 40 microns.






| TYPE 10µ | CODE | LT 1' | d | h | l | Ør | f | c | No of screws | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| TCAR 1046 C 65 | 1VTAR10A - Trademark | 175 | 46 | 45 | 65 | 41 | 52 | 29 | 3 | £16.49 | € 22.26 |
| TCAR 1080 C 80 | 1VTAR20A - Trademark | 500 | 80 | 52 | 80 | 73 | 83 | 50 | 6 | £19.60 | € 26.46 |
| TCAR 1080 C150 | 1VTAR30A - Trademark | 500 | 80 | 52 | 150 | 73 | 83 | 50 | 6 | £21.99 | € 29.69 |

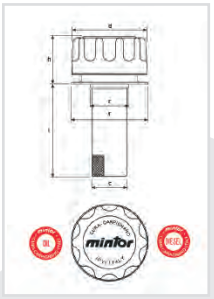
| TYPE 40µ | CODE | LT 1' | d | h | l | Ør | f | c | No of screws | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| TCAR 4046 C 65 | 1VTAR40A - Trademark | 250 | 46 | 45 | 65 | 41 | 52 | 29 | 3 | £14.63 | € 19.75 |
| TCAR 4080 C 80 | 1VTAR50A - Trademark | 700 | 80 | 52 | 80 | 73 | 83 | 50 | 6 | £16.22 | € 21.90 |
| TCAR 4080 C150 | 1VTAR60A - Trademark | 700 | 80 | 52 | 150 | 73 | 83 | 50 | 6 | £19.38 | € 26.16 |

# TCARS - FILLING PLUG WITH FLANGE TO BE WELDED

www.flowfitonline.com
TECH. DATA SHEET
MA01

- With breather and trap oil pre-filtering.
- Made entirely of chromed steel with bayonet closure.
- Supplied with flange to be welded on the tank.
- The filter inside the plug is available with 10 or 40 microns.






| TYPE 101J | CODE | LT 1' | d | h | l | r | f | c | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| TCARS 1080 C 100 Label | 1VTAS30A | 500 | 80 | 52 | 100 | 41,5 | 83 | 38 | £22.32 | € 30.13 |
| TCARS 1080 C 100 OIL | 1VTAS302 | 500 | 80 | 52 | 100 | 41,5 | 83 | 38 | £22.32 | € 30.13 |
| TCARS 1080 C 100 DIESEL | 1VTAS303 | 500 | 80 | 52 | 100 | 41,5 | 83 | 38 | £22.32 | € 30.13 |

| TYPE 40P | CODE | LT 1' | d | h | l | r | f | c | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| TCARS 4080 C 100 Label | 1VTAS50A | 700 | 80 | 52 | 100 | 41,5 | 83 | 38 | £17.99 | € 24.29 |
| TCARS 4080 C 100 OIL | 1VTAS502 | 700 | 80 | 52 | 100 | 41,5 | 83 | 38 | £17.99 | € 24.29 |
| TCARS 4080 C 100 DIESEL | 1VTAS503 | 700 | 80 | 52 | 100 | 41,5 | 83 | 38 | £17.99 | € 24.29 |

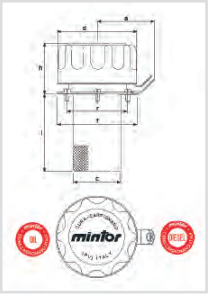


# TCAR/LC - FILLING PLUG WITH LOCK-HOLDER

www.flowfitonline.com
TECH. DATA SHEET
MA01

- With breather and trap for oil pre-filtering.
- Made entirely of chromed steel with bayonet closure and lock-holder.
- Supplied with slot screws M6 and seals for the fixing.
- The air filter contained in the plug is available at 10 microns and 40 microns.
- On request, provided with lock.






| TYPE 10µ | CODE | LT 1' | d | h | l | r | f | c | a | No of screws | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| TCAR/LC 1080 C 80 | 1VTLC10A - Label | 500 | 80 | 52 | 80 | 73 | 83 | 50 | 70 | 6 | £22.30 | € 30.11 |
| TCAR/LC 1080 C 150 | 1VTLC20A - Label | 500 | 80 | 52 | 150 | 73 | 83 | 50 | 70 | 6 | £25.44 | € 34.35 |

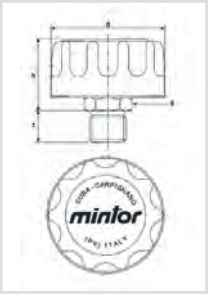
| TYPE 40µ | CODE | LT 1' | d | h | l | r | f | c | a | No of screws | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| TCAR/LC 1080 C 80 | 1VTLC30A - Label | 700 | 80 | 52 | 80 | 73 | 83 | 50 | 70 | 6 | £19.25 | € 25.98 |
| TCAR/LC 1080 C 150 | 1VTLC40A - Label | 700 | 80 | 52 | 150 | 73 | 83 | 50 | 70 | 6 | £22.38 | € 30.21 |

# TCARF - FILLING PLUG WITH THREADED MOUNT

www.flowfitonline.com
TECH. DATA SHEET
MA01

- Made entirely of chromed steel with threaded mount and breather.
- The air filter contained in the plug is available at 10 microns and 40 microns.





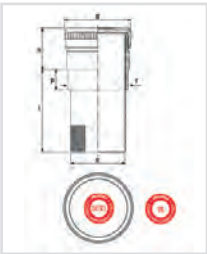

| TYPE 10µ | GAS | CODE | LT 1' | d | h | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCARF 1046 | 1/4" | 2VTAF60A | 175 | 46 | 41 | 10 | 17 | £11.57 | € 15.62 |
| TCARF 1046 | 3/8" | 2VTAF70A | 175 | 46 | 41 | 12 | 19 | £12.01 | € 16.21 |
| TCARF 1046 | 1/2" | 2VTAF80A | 175 | 46 | 43 | 14 | 22 | £12.86 | € 17.37 |
| TCARF 1080 | 3/4" | 2VTAF90A | 500 | 80 | 54 | 17 | 30 | £16.93 | € 22.86 |
| TCARF 1080 | 1" | 2VTAF95A | 500 | 80 | 55 | 19 | 36 | £23.95 | € 32.34 |

| TYPE 40µ | GAS | CODE | LT 1' | d | h | f | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | £ STERLING | € EUROS |
| TCARF 4046 | 1/4" | 2VTAF10A | 250 | 46 | 41 | 10 | 17 | £11.09 | € 14.97 |
| TCARF 4046 | 3/8" | 2VTAF20A | 250 | 46 | 41 | 12 | 19 | £11.53 | € 15.57 |
| TCARF 4046 | 1/2" | 2VTAF30A | 250 | 46 | 43 | 14 | 22 | £12.38 | € 16.71 |
| TCARF 4080 | 3/4" | 2VTAF40A | 700 | 80 | 54 | 17 | 30 | £16.45 | € 22.20 |
| TCARF 4080 | 1" | 2VTAF50A | 700 | 80 | 55 | 19 | 36 | £23.39 | € 31.58 |

# TRBF - HERMETIC FILLING PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Composed of aluminium alloy female cover with internal thread.
- It is screwed on UNI C30 burnished steel sleeve which is welded onto the machine tank.
- Complete with extractable steel cartridge which has a filtration degree of 800 microns.

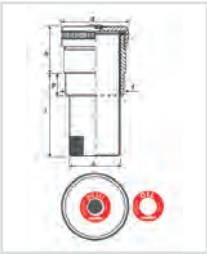
| TYPE | OIL CODE | DIESEL CODE | GAS | d | h | p | l | c | f | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| TRBF1G | 1SBRF102 | 1SBRF103 | 1” | 40 | 35 | 15 | 60 | 25 | 30 | £13.47 | € 18.18 |
| TRBF2G | 1SBRF202 | 1 SBRF203 | 1”1/2 | 55 | 37 | 15 | 85 | 40 | 45 | £17.28 | € 23.33 |
| TRBF3G | 1SBRF302 | 1SBRF303 | 2” | 65 | 45 | 24 | 85 | 50 | 57 | £20.30 | € 27.41 |

| TYPE | OIL CODE | DIESEL CODE | METRIC | d | h | p | l | c | f | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| TRBF4M | 1SBRF402 | 1SBRF403 | 60 x 2 | 65 | 45 | 24 | 85 | 50 | 57 | £20.30 | € 27.41 |

# TRBFS - FILLING PLUG WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Composed of aluminium alloy female cover with internal thread, with 40 microns spherical bronze filter.
- It is screwed on UNI C30 burnished steel sleeve which is welded on the machine cover or tank.
- Provided with extractable steel cartridge which has a filtration degree of 800 microns.

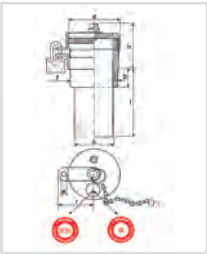
| TYPE | OIL CODE | DIESEL CODE | GAS | d | h | p | l | c | f | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| TRBFS1G | 1SBSF102 | 1SBSF103 | 1” | 40 | 35 | 15 | 60 | 25 | 30 | £14.57 | € 19.67 |
| TRBFS2G | 1SBSF202 | 1SBSF203 | 1”1/2 | 55 | 37 | 15 | 85 | 40 | 45 | £18.42 | € 24.87 |
| TRBFS3G | 1 SBSF302 | 1SBSF303 | 2” | 65 | 45 | 24 | 85 | 50 | 57 | £21.54 | € 29.07 |

| TYPE | OIL CODE | DIESEL CODE | METRIC | d | h | p | l | c | f | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| TRBFS4M | 1SBSF402 | 1 SBSF403 | 60 x 2 | 65 | 45 | 24 | 85 | 50 | 57 | £21.54 | € 29.07 |

# TRBFSC- FILLING PLUG WITH BREATHER AND LOCK-HOLDER

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Composed of a UNI C30 burnished steel sleeve that is welded on the machine cover or tank.
- Provided with extractable steel cartridge which has a filtration degree of 800 microns.
- Female cover with 40 microns spherical bronze filter and, on request, provided with lock.

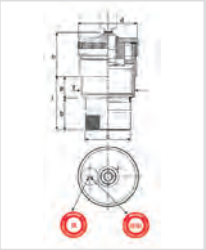
| TYPE | OIL CODE | DIESEL CODE | GAS | d | h | p | l | c | f | r | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | £ STERLING | € EUROS |
| TRBFSC2G | 1BRFC201 | 1 BRFC202 | 1”1/2 | 55 | 51 | 15 | 85 | 40 | 45 | 45 | 6 | £33.03 | € 44.58 |
| TRBFSC3G | 1 BRFC301 | 1 BRFC302 | 2” | 65 | 58 | 24 | 85 | 50 | 57 | 50 | 6 | £34.15 | € 46.11 |

| TYPE | OIL CODE | DIESEL CODE | METRIC | d | h | p | l | c | f | r | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | £ STERLING | € EUROS |
| TRBFSC4M | 1BRFC401 | 1 BRFC402 | 60 x 2 | 65 | 58 | 24 | 85 | 50 | 57 | 50 | 6 | £34.15 | € 46.11 |

# TRBF/ZK - HERMETIC FILLING PLUG WITH KEY LOCK

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Composed of light alloy female cover with internal thread with key lock.
- It is screwed on UNI C30 burnished steel sleeve which is welded onto the machine tank.
- Complete with extractable steel cartridge which has a filtration degree of 800 microns.

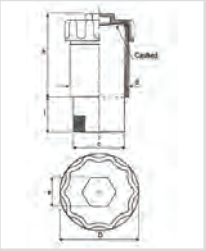
| TYPE | OIL CODE | DIESEL CODE | GAS | d | h | f | p | c | b | l | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| TRBF/ZK3G | 1 KBRF301 | 1KBRF303 | 2” | 65 | 48 | 57 | 23 | 49 | 64 | 87 | £58.61 | € 79.12 |

| TYPE | OIL CODE | DIESEL CODE | METRIC | d | h | f | p | c | b | l | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | £ STERLING | € EUROS |
| TRBF/ZK4M | 1KBRF401 | 1KBRF403 | 60 x 2 | 65 | 48 | 57 | 23 | 49 | 64 | 87 | £58.61 | € 79.12 |

# TRBFS/A - FILLING PLUG WITH BREATHER

www.flowfitonline.com
TECH. DATA SHEET
MA01





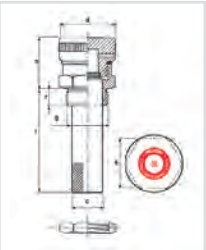
- Composed of duraluminium female plug and UNI C30 burnished steel sleeve which can be welded on large size machine cover or tanks.
- It is provided with breather device, with an extractable 800-microns filter cartridge made of steel.
- On request, supplied with sleeve lenght 50 mm.

| TYPE | CODE | METRIC | d | h | l | c | D | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | £ STERLING | € EUROS |
| TRBFS/A2M | 1SBSF50A | 80 x 2 | 82 | 118 | 49 | 70 | 95 | 36 | £42.85 | € 57.86 |

# TRTCSF/Z - BREATHER AND FILLING PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Threaded plug with extractable filter cartridge in galvanized-steel.
- The built-in filter has a filtration degree of 40 microns.
- Optionally available with anchor nut for unthreaded hole, suitable for applications on Hydraulics units, Machine-tools and Earth-moving machinery.

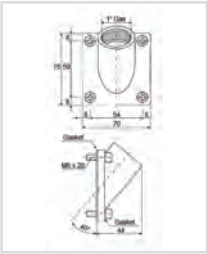
| TYPE | CODE | GAS | d | g | f | h | i | c | e | NETT. PRICE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | £ STERLING | € EUROS |
| TRTCSF/Z5G | 1FSFZ502 | 1” | 45 | 33,3 | 14 | 42 | 82 | 25 | 40 | £41.27 | € 55.71 |
| TRTCSF/Z8G | 1FSFZ802 | 2” | 70 | 59,4 | 17 | 53 | 113 | 49 | 70 | £57.32 | € 77.37 |

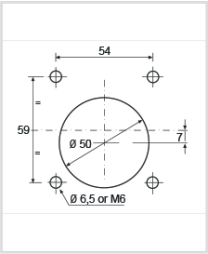
# PLUGS ON INCLINED FLANGE

## FLGV - INCLINED FLANGE FOR SIDE APPLICATIONS

www.flowfitonline.com
TECH. DATA SHEET
MA01







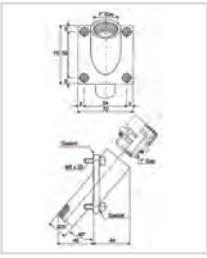

- Made of aluminium, supplied complete with washers and screws for receiving the different types of filling, filling with breather, breather filling and level dipsticks,
- For a rapid and economic application till a maximum thickness of 6 mm, it is advisable to conform to the boring jig indicated below.

| TYPE | CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| FLGV5G | 1YFL0003 | £15.11 | € 20.40 |

## TFS - BREATHER PLUGS ON INCLINED FLANGE

www.flowfitonline.com
TECH. DATA SHEET
MA01


TSFI5G




TCFI5G


TCF/FI5G


TCSF/ZI5G


TCF/ZI5G

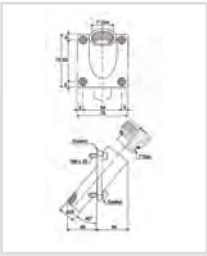
- Alternative breather plugs group are available to apply on inclined flange when it is necessary the side oil filling.

| TYPE | CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| TSFI5G | 11GTSFOA | £29.66 | € 40.04 |
| TCFI5G | 1IGTCFOA | £25.36 | € 34.24 |
| TCF/FI5G | 11GF/F0A | £25.44 | € 34.35 |
| TCSF/ZI5G | 1IGSFZ0A | £28.67 | € 38.71 |
| TCF/ZI5G | 1IGCFZOA | £26.38 | € 35.62 |

## TCI - FILLING PLUGS ON INCLINED FLANGE

www.flowfitonline.com
TECH. DATA SHEET
MA01


TSFI5G




TCFI5G


TCSF/ZI5G

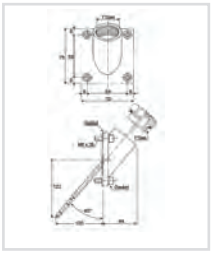
- Alternative filling plugs group are available to apply on inclined flange when it is necessary the side oil filling.

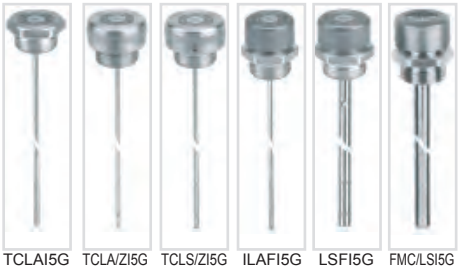
| TYPE | CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| TCI5G | 11GTCOOA | £25.00 | € 33.75 |
| TC/FI5G | 11GC/F0A | £25.21 | € 34.03 |
| TC/ZI5G | 11GCZOOA | £25.93 | € 35.00 |

# .....I - FILLING AND BREATHER PLUGS WITH LEVEL DIPSTICK ON INCLINED FLANGE

www.flowfitonline.com
TECH. DATA SHEET
MA01


TCLSI5G




TCLAI5G TCLA/ZI5G TCLS/ZI5G ILAFI5G LSFI5G FMC/LSI5G

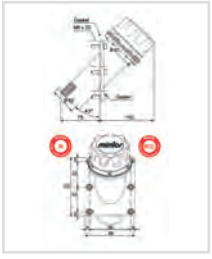
- Alternative group of filling and breather plugs with level dipsticks are availableto apply on inclined flange when it is necessary the side level and oil filling.

| TYPE | CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| TCLSI5G | 1IGCSLOA | £22.51 | € 30.38 |
| TCLAI5G | 11GCLAOA | £24.19 | € 32.66 |
| TCLA/ZI5G | 11GLAZOA | £24.19 | € 32.66 |
| TCLS/ZI5G | 11GLSZOA | £24.58 | € 33.19 |
| ILAFI5G | IIGIFAOA | £26.96 | € 36.40 |
| LSFI5G | 1IGLSFOA | £31.69 | € 42.78 |
| FMC/LSI5G | 1IGFLSOA | £64.76 | € 87.43 |

# TCARI - INCLINED FILLING PLUG

www.flowfitonline.com
TECH. DATA SHEET
MA01





- Similar to the TCAR, it is already supplied mounted on an inclined aluminium flange for application to the wall when the space on the tank cover permits no other solution.
- The air filter contained in the plug is available at 10 microns and 40 microns.

| TYPE 10µ | CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| TCARI 1080 C150 | 1 VTIR30A - Trademark | £51.99 | € 70.19 |

| TYPE 40µ | CODE | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| TCARI 4080 C150 | 1 VTIR60A - Trademark | £49.26 | € 66.50 |



## PRESSURE GAUGES

# PRESSURE GAUGES


| PRODUCT | PAGE |
|---|---|
| 40MM BASE ENTRY PRESSURE GAUGE | 535 |
| 40MM REAR ENTRY PRESSURE GAUGE | 535 |
| 50MM REAR ENTRY PRESSURE GAUGE | 535 |
| 50MM BASE ENTRY PRESSURE GAUGE | 536 |
| 63MM BASE ENTRY PRESSURE GAUGE | 536 |
| 63MM REAR ENTRY PRESSURE GAUGE | 537 |
| 100MM BASE ENTRY PRESSURE GAUGE | 538 |
| 100MM REAR ENTRY PRESSURE GAUGE | 539 |
| GAUGE ISOLATOR VALVES | 539 |











QUALITY PRODUCTS

FREE ADVICE

FREE UK NEXT DAY DELIVERY ON ALL WEB ORDERS

# PNEUMATIC SPECIFICATION 40MM BASE ENTRY PRESSURE GAUGE

www.flowfitonline.com
TECH. DATA SHEET
PG01



**Options:** Throttle Screw, Customised Dials
**Application:** For General Purpose, Standard Duty in Non-Corrosive Environments.
**Case:** Painted Black Steel.
**Bezel:** Painted Black Steel, Chromed or Snap On Plastic Window.
**Window:** Glass or Polycarbonate

**Wetted Parts:** Brass
**Ranges:** -30"Hg, 1bar Vacuum to 10,000 PSI, 700 bar
**Accuracy Class:** ASME B40.1-1991 B GRADE
**Connections:** 1/8" BSPT bottom entry
**Temp. Range:** Ambient Temperature –25'C to 60'C
Minimum temperature should not be less than or equal to the freezing point of the process fluid

Dual scale psi (outer) in black and bar (inner) in red

| ORDER CODE | DESCRIPTION | PRESSURE RANGE | | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| PGP40B015PSI | BOTTOM ENTRY DRY | 0-15PSI | (1 BAR) | £7.02 | € 9.48 |
| PGP40B030PSI | BOTTOM ENTRY DRY | 0-30PSI | (2 BAR) | £7.02 | € 9.48 |
| PGP40B060PSI | BOTTOM ENTRY DRY | 0-60PSI | (4 BAR) | £7.02 | € 9.48 |
| PGP40B0100PSI | BOTTOM ENTRY DRY | 0-100PSI | (7 BAR) | £7.02 | € 9.48 |
| PGP40B0160PSI | BOTTOM ENTRY DRY | 0-160PSI | (11 BAR) | £7.02 | € 9.48 |
| PGP40B0200PSI | BOTTOM ENTRY DRY | 0-200PSI | (14 BAR) | £7.02 | € 9.48 |
| PGP40B0300PSI | BOTTOM ENTRY DRY | 0-300PSI | (21 BAR) | £7.02 | € 9.48 |

# PNEUMATIC SPECIFICATION 40MM REAR ENTRY PRESSURE GAUGE

www.flowfitonline.com
TECH. DATA SHEET
PG02



**Options:** Throttle Screw, Customised Dials
**Application**: For General Purpose, Standard Duty in Non-Corrosive Environments.
**Case:** Painted Black Steel.
**Bezel:** Painted Black Steel, Chromed or Snap On Plastic Window.
**Window:** Glass or Polycarbonate
**Wetted Parts:** Brass

**Accuracy Class:** ASME B40.1-1991 B GRADE
**Ranges**: -30"Hg, 1bar Vacuum to 10,000 PSI, 700 bar
**Connections:** 1/8" BSPT centre back entry
**Temp. Range:** Ambient Temperature –25'C to 60'C
Minimum temperature should not be less than or equal to the freezing point of the process fluid

Dual scale psi (outer) in black and bar (inner) in red

| ORDER CODE | DESCRIPTION | PRESSURE RANGE | | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| PGP40R015PSI | REAR ENTRY DRY | 0-15PSI | (1 BAR) | £7.02 | € 9.48 |
| PGP40R030PSI | REAR ENTRY DRY | 0-30PSI | (2 BAR) | £7.02 | € 9.48 |
| PGP40R060PSI | REAR ENTRY DRY | 0-60PSI | (4BAR) | £7.02 | € 9.48 |
| PGP40R0100PSI | REAR ENTRY DRY | 0-100PSI | (7 BAR) | £7.02 | € 9.48 |
| PGP40R0160PSI | REAR ENTRY DRY | 0-160PSI | (11 BAR) | £7.02 | € 9.48 |
| PGP40R0200PSI | REAR ENTRY DRY | 0-200PSI | (14 BAR) | £7.02 | € 9.48 |
| PGP40R0300PSI | REAR ENTRY DRY | 0-300PSI | (21 BAR) | £7.02 | € 9.48 |
| PGP40R0400PSI | REAR ENTRY DRY | 0-400PSI | (28 BAR) | £7.02 | € 9.48 |

# PNEUMATIC SPECIFICATION 50MM REAR ENTRY PRESSURE GAUGE

www.flowfitonline.com
TECH. DATA SHEET
PG03



**Options:** Throttle Screw, Customised Dials
**Application:** For General Purpose, Standard Duty in Non-Corrosive Environments.
**Case:** Painted Black Steel.
**Bezel:** Painted Black Steel, Chromed or Snap On Plastic Window.
**Window:** Glass or Polycarbonate

**Wetted Parts:** Brass
**Accuracy Class:** ASME B40.1-1991 B GRADE
**Ranges:** -30"Hg, 1bar Vacuum to 10,000 PSI, 700 bar
**Connections:** 1/4" BSPT centre back entry
**Temp. Range:** Ambient Temperature –25'C to 60'C
Minimum temperature should not be less than or equal to the freezing point of the process fluid

Dual scale psi (outer) in black and bar (inner) in red

| ORDER CODE | DESCRIPTION | PRESSURE RANGE | | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| PGP50R015PSI | REAR ENTRY DRY | 0-15PSI | (1 BAR) | £7.02 | € 9.48 |
| PGP50R030PSI | REAR ENTRY DRY | 0-30PSI | (2 BAR) | £7.02 | € 9.48 |
| PGP50R060PSI | REAR ENTRY DRY | 0-60PSI | (4BAR) | £7.02 | € 9.48 |
| PGP50R0100PSI | REAR ENTRY DRY | 0-100PSI | (7 BAR) | £7.02 | € 9.48 |
| PGP50R0160PSI | REAR ENTRY DRY | 0-160PSI | (11 BAR) | £7.02 | € 9.48 |
| PGP50R0200PSI | REAR ENTRY DRY | 0-200PSI | (14 BAR) | £7.02 | € 9.48 |
| PGP50R0300PSI | REAR ENTRY DRY | 0-300PSI | (21 BAR) | £7.02 | € 9.48 |
| PGP50R0400PSI | REAR ENTRY DRY | 0-400PSI | (28 BAR) | £7.02 | € 9.48 |

# PNEUMATIC SPECIFICATION 50MM BASE ENTRY PRESSURE GAUGE

www.flowfitonline.com
TECH. DATA SHEET
PG04



Dual scale psi (outer) in black and bar (inner) in red

**Options:** Throttle Screw, Customised Dials
**Application:** For General Purpose, Standard Duty in Non-Corrosive Environments.
**Case:** Painted Black Steel.
**Bezel:** Painted Black Steel, Chromed or Snap On Plastic Window.
**Window:** Glass or Polycarbonate

**Wetted Parts:** Brass
**Accuracy Class:** ASME B40.1-1991 B GRADE
**Ranges:** -30"Hg, 1bar Vacuum to 10,000 PSI, 700 bar
**Connections:** 1/4" BSPT bottom entry
**Temp. Range:** Ambient Temperature –25˚C to 60˚C
Minimum temperature should not be less than or equal to the freezing point of the process fluid

| ORDER CODE | DESCRIPTION | PRESSURE RANGE | | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| PGP50B015PSI | BOTTOM ENTRY DRY | 0-15PSI | (1 BAR) | £7.02 | € 9.48 |
| PGP50B030PSI | BOTTOM ENTRY DRY | 0-30PSI | (2 BAR) | £7.02 | € 9.48 |
| PGP50B060PSI | BOTTOM ENTRY DRY | 0-60PSI | (4 BAR) | £7.02 | € 9.48 |
| PGP50B0100PSI | BOTTOM ENTRY DRY | 0-100PSI | (7 BAR) | £7.02 | € 9.48 |
| PGP50B0160PSI | BOTTOM ENTRY DRY | 0-160PSI | (11 BAR) | £7.02 | € 9.48 |
| PGP50B0200PSI | BOTTOM ENTRY DRY | 0-200PSI | (14 BAR) | £7.02 | € 9.48 |
| PGP50B0300PSI | BOTTOM ENTRY DRY | 0-300PSI | (21 BAR) | £7.02 | € 9.48 |

# HYDRAULIC SPECIFICATION 63MM BASE ENTRY PRESSURE GAUGE

www.flowfitonline.com
TECH. DATA SHEET
PG05



Dual scale psi (outer) in black and bar (inner) in red



Rubber Protective Gauge Covers

**Options:** Throttle Screw, Customised Dials, SS Wetted Parts
**Application:** For Extended Life, Harsh, and Vibration Environments.
**Case:** 304 Stainless Steel
**Bezel:** 304 Stainless Steel
**Window:** Polycarbonate
**Wetted Parts:** Brass / Bronze
**Damping Fluid:** Glycerine
**Ranges:** -30"Hg, 1bar Vacuum to 10,000 PSI, 700 bar

**Accuracy Class:** ASME B40.1-1991 B GRADE
**Connections:** 1/4" BSP bottom entry with spigot to EN837
**Temp. Range:** Ambient Temperature –25˚C to 60˚C
Minimum temperature should not be less than or equal to the freezing point of the process fluid.

| ORDER CODE | DESCRIPTION | PRESSURE RANGE | | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| PG63B-030HG | BASE ENTRY GLY FILLED | -30HG | (-1 BAR) | £7.88 | € 10.65 |
| PG63B015PSI | BASE ENTRY GLY FILLED | 0-15PSI | (1 BAR) | £7.88 | € 10.65 |
| PG63B030PSI | BASE ENTRY GLY FILLED | 0-30PSI | (2 BAR) | £7.88 | € 10.65 |
| PG63B060PSI | BASE ENTRY GLY FILLED | 0-60PSI | (4 BAR) | £7.88 | € 10.65 |
| PG63B0100PSI | BASE ENTRY GLY FILLED | 0-100PSI | (7 BAR) | £7.88 | € 10.65 |
| PG63B0160PSI | BASE ENTRY GLY FILLED | 0-160PSI | (11 BAR) | £7.88 | € 10.65 |
| PG63B0200PSI | BASE ENTRY GLY FILLED | 0-200PSI | (14 BAR) | £7.88 | € 10.65 |
| PG63B0300PSI | BASE ENTRY GLY FILLED | 0-300PSI | (21 BAR) | £7.88 | € 10.65 |
| PG63B0400PSI | BASE ENTRY GLY FILLED | 0-400PSI | (28 BAR) | £7.88 | € 10.65 |
| PG63B0500PSI | BASE ENTRY GLY FILLED | 0-500PSI | (28 BAR) | £7.88 | € 10.65 |
| PG63B0600PSI | BASE ENTRY GLY FILLED | 0-600PSI | (41 BAR) | £7.88 | € 10.65 |
| PG63B01000PSI | BASE ENTRY GLY FILLED | 0-1000PSI | (70 BAR) | £7.88 | € 10.65 |
| PG63B01500PSI | BASE ENTRY GLY FILLED | 0-1500PSI | (100 BAR) | £7.88 | € 10.65 |
| PG63B02000PSI | BASE ENTRY GLY FILLED | 0-2000PSI | (138 BAR) | £7.88 | € 10.65 |
| PG63B03000PSI | BASE ENTRY GLY FILLED | 0-3000PSI | (207 BAR) | £7.88 | € 10.65 |
| PG63B04000PSI | BASE ENTRY GLY FILLED | 0-4000PSI | (275 BAR) | £7.88 | € 10.65 |
| PG63B05000PSI | BASE ENTRY GLY FILLED | 0-5000PSI | (344 BAR) | £7.88 | € 10.65 |
| PG63B06000PSI | BASE ENTRY GLY FILLED | 0-6000PSI | (414 BAR) | £7.88 | € 10.65 |
| PG63B08500PSI | BASE ENTRY GLY FILLED | 0-8500PSI | (586 BAR) | £7.88 | € 10.65 |
| PG63B010000PSI | BASE ENTRY GLY FILLED | 0-10000PSI | (690 BAR) | £7.88 | € 10.65 |
| PG63B014500PSI | BASE ENTRY GLY FILLED | 0-14500PSI | (1000 BAR) | £45.36 | € 61.24 |
| PG63B-30HG060PSI | BASE ENTRY GLY FILLED | -30HG +60 PSI | (-1/+4 BAR) | £7.88 | € 10.65 |

| OPTIONAL EXTRAS F0R 63MM & 100MM GAUGES | | | |
|---|---|---|---|
| ORDER CODE | DESCRIPTION | NETT. PRICE | |
| | | £ STERLING | € EUROS |
| CALI63100 | CALIBRATION C/W CERTIFICATE | £43.41 | € 58.60 |
| PG63COVER | RUBBER PROTECTIVE COVER | £8.26 | € 11.16 |

# HYDRAULIC SPECIFICATION
# 63MM REAR ENTRY PRESSURE GAUGE

www.flowfitonline.com
TECH. DATA SHEET
PG06



Dual scale psi (outer) in black and bar (inner) in red



Rubber Protective Gauge Covers

**Options:** Throttle Screw, Customised Dials, SS Wetted Parts
**Application:** For Extended Life, arsh, and Vibration Environments.
**Case:** 304 Stainless Steel
**Bezel:** 304 Stainless Steel
**Window:** Polycarbonate
**Wetted Parts:** Brass / Bronze
**Damping Fluid:** Glycerine
**Accuracy Class:** ASME B40.1-1991 B GRADE

**Ranges:** -30"Hg, 1bar Vacuum to 10,000 PSI, 700 bar
**Connections:** 1/4" BSP centre back entry with spigot to EN837
**Temp. Range:** Ambient Temperature –25'C to 60'C
Minimum temperature should not be less than or equal to the freezing point of the process fluid.

| ORDER CODE | DESCRIPTION | PRESSURE RANGE | | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| PG63R-30HG | REAR ENTRY GLY FILLED | -30HG | (-1 BAR) | £12.27 | € 16.57 |
| PG63R015PSI | REAR ENTRY GLY FILLED | 0-15PSI | (1 BAR) | £12.27 | € 16.57 |
| PG63R030PSI | REAR ENTRY GLY FILLED | 0-30PSI | (2 BAR) | £12.27 | € 16.57 |
| PG63R060PSI | REAR ENTRY GLY FILLED | 0-60PSI | (4 BAR) | £12.27 | € 16.57 |
| PG63R0100PSI | REAR ENTRY GLY FILLED | 0-100PSI | (7 BAR) | £12.27 | € 16.57 |
| PG63R0160PSI | REAR ENTRY GLY FILLED | 0-160PSI | (11 BAR) | £12.27 | € 16.57 |
| PG63R0200PSI | REAR ENTRY GLY FILLED | 0-200PSI | (14 BAR) | £12.27 | € 16.57 |
| PG63R0300PSI | REAR ENTRY GLY FILLED | 0-300PSI | (21 BAR) | £12.27 | € 16.57 |
| PG63R0400PSI | REAR ENTRY GLY FILLED | 0-400PSI | (28 BAR) | £12.27 | € 16.57 |
| PG63R0500PSI | REAR ENTRY GLY FILLED | 0-500PSI | (34 BAR) | £12.27 | € 16.57 |
| PG63R0600PSI | REAR ENTRY GLY FILLED | 0-600PSI | (41 BAR) | £12.27 | € 16.57 |
| PG63R01000PSI | REAR ENTRY GLY FILLED | 0-1000PSI | (70 BAR) | £12.27 | € 16.57 |
| PG63R01500PSI | REAR ENTRY GLY FILLED | 0-1500PSI | (100 BAR) | £12.27 | € 16.57 |
| PG63R02000PSI | REAR ENTRY GLY FILLED | 0-2000PSI | (138 BAR) | £12.27 | € 16.57 |
| PG63R03000PSI | REAR ENTRY GLY FILLED | 0-3000PSI | (207 BAR) | £12.27 | € 16.57 |
| PG63R04000PSI | REAR ENTRY GLY FILLED | 0-4000PSI | (275 BAR) | £12.27 | € 16.57 |
| PG63R05000PSI | REAR ENTRY GLY FILLED | 0-5000PSI | (334 BAR) | £12.27 | € 16.57 |
| PG63R06000PSI | REAR ENTRY GLY FILLED | 0-6000PSI | (414 BAR) | £12.27 | € 16.57 |
| PG63R08500PSI | REAR ENTRY GLY FILLED | 0-8500PSI | (586 BAR) | £12.27 | € 16.57 |
| PG63R010000PSI | REAR ENTRY GLY FILLED | 0-10000PSI | (690 BAR) | £12.27 | € 16.57 |
| PG63R014500PSI | REAR ENTRY GLY FILLED | 0-14500PSI | (1000 BAR) | £45.36 | € 61.24 |
| PG63R-30HG060PSI | REAR ENTRY GLY FILLED | 30HG +60 PSI | (-1/+4 BAR) | £12.27 | € 16.57 |

| OPTIONAL EXTRAS FOR 63MM & 100MM GAUGES | | | |
|---|---|---|---|
| ORDER CODE | DESCRIPTION | NETT. PRICE | |
| | | £ STERLING | € EUROS |
| PG63F | 3 POSITION FACE FIXING | £5.02 | € 6.78 |
| PG63RCLAMPS | REAR CLAMPS TO SU IT 63MM REAR ENTRY | £4.02 | € 5.42 |
| PG63COVER | RUBBER PROTECTIVE COVER | £8.92 | € 12.04 |
| CAL163100 | CALIBRATION C/W CERTIFICATE | £43.41 | € 58.60 |



# HYDRAULIC SPECIFICATION
# 100MM BASE ENTRY PRESSURE GAUGE

www.flowfitonline.com
TECH. DATA SHEET
PG07



Dual scale psi (outer) in black and bar (inner) in red



Rubber Protective Covers

**Options:** Throttle Screw, Customised Dials, SS Wetted Parts
**Application:** For Extended Life, Harsh, and Vibration Environments.
**Case:** 304 Stainless Steel
**Bezel:** 304 Stainless Steel
**Window:** Polycarbonate
**Wetted Parts:** Brass / Bronze
**Damping Fluid:** Glycerine
**Ranges:** -30"Hg, 1bar Vacuum to 10,000 PSI, 700 bar

**Accuracy Class:** ASME B40.1-1991 A GRADE
**Connections:** 1/2" BSP bottom entry with spigot to EN837
**Temp. Range:** Ambient Temperature –25'C to 60'C
Minimum temperature should not be less than or equal to the freezing point of the process fluid.

| ORDER CODE | DESCRIPTION | PRESSURE RANGE | | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| PG100B-30HG | BASE ENTRY GLY FILLED | -30HG | (-1 BAR) | £53.78 | € 72.61 |
| PG100B015PSI | BASE ENTRY GLY FILLED | 0-15PSI | (1 BAR) | £53.78 | € 72.61 |
| PG100B030PSI | BASE ENTRY GLY FILLED | 0-30PSI | (2 BAR) | £53.78 | € 72.61 |
| PG100B060PSI | BASE ENTRY GLY FILLED | 0-60PSI | (4 BAR) | £53.78 | € 72.61 |
| PG100B0100PSI | BASE ENTRY GLY FILLED | 0-100PSI | (7 BAR) | £53.78 | € 72.61 |
| PG100B0160PSI | BASE ENTRY GLY FILLED | 0-160PSI | (11 BAR) | £53.78 | € 72.61 |
| PG100B0200PSI | BASE ENTRY GLY FILLED | 0-200PSI | (14 BAR) | £53.78 | € 72.61 |
| PG100B0300PSI | BASE ENTRY GLY FILLED | 0-300PSI | (21 BAR) | £53.78 | € 72.61 |
| PG100B0400PSI | BASE ENTRY GLY FILLED | 0-400PSI | (28 BAR) | £53.78 | € 72.61 |
| PG100B0500PSI | BASE ENTRY GLY FILLED | 0-500PSI | (34 BAR) | £53.78 | € 72.61 |
| PG100B0600PSI | BASE ENTRY GLY FILLED | 0-600PSI | (41 BAR) | £53.78 | € 72.61 |
| PG100B01000PSI | BASE ENTRY GLY FILLED | 0-1000PSI | (70 BAR) | £53.78 | € 72.61 |
| PG100B01500PSI | BASE ENTRY GLY FILLED | 0-1500PSI | (103 BAR) | £53.78 | € 72.61 |
| PG100B02000PSI | BASE ENTRY GLY FILLED | 0-2000PSI | (138 BAR) | £53.78 | € 72.61 |
| PG100B03000PSI | BASE ENTRY GLY FILLED | 0-3000PSI | (207 BAR) | £53.78 | € 72.61 |
| PG100B04000PSI | BASE ENTRY GLY FILLED | 0-4000PSI | (275 BAR) | £53.78 | € 72.61 |
| PG100B05000PSI | BASE ENTRY GLY FILLED | 0-5000PSI | (344 BAR) | £53.78 | € 72.61 |
| PG100B06000PSI | BASE ENTRY GLY FILLED | 0-6000PSI | (414 BAR) | £53.78 | € 72.61 |
| PG100B08500PSI | BASE ENTRY GLY FILLED | 0-8500PSI | (586 BAR) | £53.78 | € 72.61 |
| PG100B010000PSI | BASE ENTRY GLY FILLED | 0-10000PSI | (690 BAR) | £53.78 | € 72.61 |
| PG100B014500PSI | BASE ENTRY GLY FILLED | 0-14500PSI | (1000 BAR) | £133.91 | € 180.78 |
| PG100B-3060PSI | BASE ENTRY GLY FILLED | -30HG +60PSI | (-1/+4 BAR) | £53.78 | € 72.61 |

| OPTIONAL EXTRAS F0R 63MM & 100MM GAUGES | | | |
|---|---|---|---|
| ORDER CODE | DESCRIPTION | NETT. PRICE | |
| | | £ STERLING | € EUROS |
| CALI63100 | CALIBRATION C/W CERTIFICATE | £43.41 | € 58.60 |
| PG100COVER | RUBBER PROTECTIVE COVER | £23.44 | € 31.64 |



# HYDRAULIC SPECIFICATION 100MM REAR ENTRY PRESSURE GAUGE

www.flowfitonline.com TECH. DATA SHEET PG08



Dual scale psi (outer) in black and bar (inner) in red



Rubber Protective Covers

**Options:** Throttle Screw, Customised Dials, SS Wetted Parts
**Application:** For Extended Life, Harsh, and Vibration Environments.
**Case:** 304 Stainless Steel
**Bezel:** 304 Stainless Steel
**Window:** Polycarbonate
**Wetted Parts:** Brass / Bronze
**Damping Fluid:** Glycerine
**Accuracy Class:** ASME B40.1-1991 A GRADE

**Ranges:** -30"Hg, 1bar Vacuum to 10,000 PSI, 700 bar
**Connections:** 1/2"BSP back entry with spigot to EN837
**Temp. Range:** Ambient Temperature –25'C to 60'C
Minimum temperature should not be less than or equal to the freezing point of the process fluid.

| ORDER CODE | DESCRIPTION | PRESSURE RANGE | | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| PG100R-30HG | REAR ENTRY GLY FILLED | -30HG | (-1 BAR) | £58.92 | € 79.55 |
| PG100R015PSI | REAR ENTRY GLY FILLED | 0-15PSI | (1 BAR) | £58.92 | € 79.55 |
| PG100R030PSI | REAR ENTRY GLY FILLED | 0-30PSI | (2 BAR) | £58.92 | € 79.55 |
| PG100R060PSI | REAR ENTRY GLY FILLED | 0-60PSI | (4 BAR) | £58.92 | € 79.55 |
| PG100R0100PSI | REAR ENTRY GLY FILLED | 0-100PSI | (7 BAR) | £58.92 | € 79.55 |
| PG100R0160PSI | REAR ENTRY GLY FILLED | 0-160PSI | (11 BAR) | £58.92 | € 79.55 |
| PG100R0200PSI | REAR ENTRY GLY FILLED | 0-200PSI | (14 BAR) | £58.92 | € 79.55 |
| PG100R0300PSI | REAR ENTRY GLY FILLED | 0-300PSI | (21 BAR) | £58.92 | € 79.55 |
| PG100R0400PSI | REAR ENTRY GLY FILLED | 0-400PSI | (28 BAR) | £58.92 | € 79.55 |
| PG100R0500PSI | REAR ENTRY GLY FILLED | 0-500PSI | (34 BAR) | £58.92 | € 79.55 |
| PG100R0600PSI | REAR ENTRY GLY FILLED | 0-600PSI | (41 BAR) | £58.92 | € 79.55 |
| PG100R01000PSI | REAR ENTRY GLY FILLED | 0-1000PSI | (70 BAR) | £58.92 | € 79.55 |
| PG100R01500PSI | REAR ENTRY GLY FILLED | 0-1500PSI | (103 BAR) | £58.92 | € 79.55 |
| PG100R02000PSI | REAR ENTRY GLY FILLED | 0-2000PSI | (138 BAR) | £58.92 | € 79.55 |
| PG100R03000PSI | REAR ENTRY GLY FILLED | 0-3000PSI | (207 BAR) | £58.92 | € 79.55 |
| PG100R04000PSI | REAR ENTRY GLY FILLED | 0-4000PSI | (275 BAR) | £58.92 | € 79.55 |
| PG100R05000PSI | REAR ENTRY GLY FILLED | 0-5000PSI | (344 BAR) | £58.92 | € 79.55 |
| PG100R06000PSI | REAR ENTRY GLY FILLED | 0-6000PSI | (414 BAR) | £58.92 | € 79.55 |
| PG100R08500PSI | REAR ENTRY GLY FILLED | 0-8500PSI | (586 BAR) | £58.92 | € 79.55 |
| PG100R010000PSI | REAR ENTRY GLY FILLED | 0-10000PSI | (690 BAR) | £58.92 | € 79.55 |
| PG100R014500PSI | REAR ENTRY GLY FILLED | 0-14500PSI | (1000 BAR) | £178.53 | € 241.02 |

**OPTIONAL EXTRAS FOR 63MM & 100MM GAUGES**

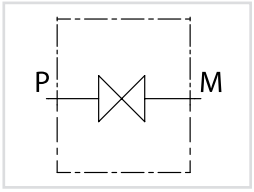
| ORDER CODE | DESCRIPTION | NETT. PRICE | |
|---|---|---|---|
| | | £ STERLING | € EUROS |
| PG100F | 3 POSITION FACE FIXING | £5.02 | € 6.78 |
| PG100RCLAMPS | REAR CLAMPS TO SUIT 100MM REAR ENTRY | £4.02 | € 5.42 |
| PG100COVER | RUBBER PROTECTIVE COVER | £23.44 | € 31.64 |
| CAL163100 | CALIBRATION C/W CERTIFICATE | £43.41 | € 58.60 |

# GAUGE ISOLATOR VALVES

## GAUGE ISOLATOR IN LINE

www.flowfitonline.com TECH. DATA SHEET PG09






USE AND OPERATION:

These valves are used to open or close the oil flow to the gauge in an hydraulic system.

Body: nickel steel. Seals: NBR

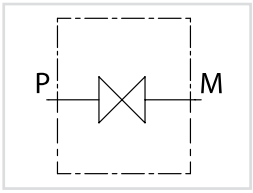
Applications Screw the gauge isolator to the hydraulic system to the male port P and fix the gauge to female port M. In order to open or close the flow turn the knob.

| CODE | TYPE | BSP PORTS | WORKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| EM001L | EML 1/4" BSP MF | 1/4" | 400 | £10.40 | € 14.04 |

# GAUGE ISOLATOR 90°

www.flowfitonline.com
TECH. DATA SHEET
PG010






USE AND OPERATION:

These valves are used to open or close the oil flow to the gauge in an hydraulic system.

Body: nickel steel. Seals: NBR

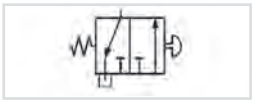
Applications Screw the gauge isolator to the hydraulic system to the male port P and fix the gauge to female port M. In order to open or close the flow turn the knob.

| CODE | TYPE | BSP PORTS | WORKING PRESSURE BAR | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| EM001N | EM90° 1/4" BSP MF | 1/4" | 400 | £10.40 | € 14.04 |

# FT292 PUSH-BUTTON GAUGE ISOLATOR VALVES

www.flowfitonline.com
TECH. DATA SHEET
PG011





The new FT 292 push-button isolator valves are used to protect pressure-gauges, since they have the double function of dampening
the pressure surge during opening and of isolating the pressure-gauge entirely.

A reading is obtained by depressing the button.

Releasing the button shuts off the flow to the gauge with residual pressure being automatically drained.

The button can be locked to give a continuos reading. The maximum release pressure is 50 Kg/sq cm. Panel mounting facility.

Panel mounting fixtures are supplied only if expressly requested, indicate whether KM or hexagonal. Complete with connector FT 299, they allow for full location orientation for ease of reading. They may be used for working pressures up to 400 bar.

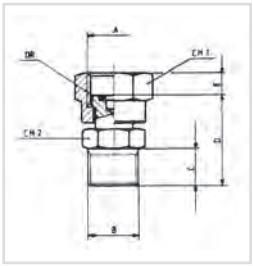
| ORDER CODE | PORTS SIZE | MAX WORKING PRESSURE (BAR) | NETT. PRICE | |
|---|---|---|---|---|
| | | | £ STERLING | € EUROS |
| FT292 | 1/4" | 400 | £42.94 | € 57.97 |

# FT299 PRESSURE GAUGE SWIVEL ADAPTORS - 400 BAR RATED

www.flowfitonline.com
TECH. DATA SHEET
PG012







Adaptors FT 299 allow the connection of a pressure gauge direct to the system. They provide for correct dial orientation. The adaptor has a built in 'O-ring' seal for use with pressure gauges with sealing nipple to DIN 16288.

The oil flow is restricted to the gauge dampen any pressure shock surges.

A gasket, supplied as current product and inserted in the rotating nut, impedes any blow-by between fitting and pressure gauge.

| ORDER CODE | PORT A | PORT B | MAX WORKING PRESSURE (BAR) | NETT. PRICE | |
|---|---|---|---|---|---|
| | | | | £ STERLING | € EUROS |
| FT299-88 | 1/8" | 1/8" | 400 | £8.92 | € 12.04 |
| FT299-44 | 1/4" | 1/4" | 400 | £6.76 | € 9.13 |
| FT299-42 | 1/4" | 1/2" | 400 | £7.81 | € 10.54 |
| FT299-24 | 1/2" | 1/4" | 400 | £11.82 | € 15.95 |
| FT299-22 | 1/2" | 1/2" | 400 | £17.10 | € 23.08 |

1/2" MONOBLOCK CONTROL VALVES GALTECH UP TO 90 L/MIN....33, 73
1/2" PORTS MAX FLOW 45L/MIN MONOBLOCK HDM11/S SERIES C/W MAIN RELIEF VALVE....16, 61
1/2" PORTS MAX FLOW 45L/MIN MONOBLOCK HDM11/S SERIES C/W MAIN RELIEF VALVE....65, 107, 111
1/2" PORTS MAX FLOW 70L/MIN MONOBLOCK HDM 18 SERIES C/W MAIN RELIEF VALVE....16, 17, 61, 62, 65
1/2" PORTS MAX FLOW 70L/MIN MONOBLOCK HDM 18 SERIES C/W MAIN RELIEF VALVE....66, 107
1/2" PORTS MAX FLOW 70L/MIN MONOBLOCK HDM 18 SERIES C/W MAIN RELIEF VALVE....111
1/4" MONOBLOCK CONTROL VALVES GALTECH UP TO 20 L/MIN....31, 72
10 DANM ELECTROMAGNETIC CLUTCHES....324, 326
100L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES....356
100MM BASE ENTRY PRESSURE GAUGES....538
100MM REAR ENTRY PRESSURE GAUGES....539
12 WAY SOLENOID DIVERTER VALVES....71
120 RELIEF VALVE CARTRIDGE....49, 93
12CM³ DOUBLE ACTING HANDPUMP....269
12CM³ SINGLE ACTING HANDPUMP....266
12VDC SINGLE ACTING HYDRAULIC TRAILER KITS....273
14 DANM ELECTROMAGNETIC CLUTCHES....328, 330
140 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP....238
14L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES....355
165L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES....357
2 BUTTON DOUBLE ACTING 4 WIRE PENDANT....134
2 BUTTON SINGLE ACTING 3 WIRE PENDANT....133
2 WAY BALL VALVES....72
2 WAY BALL VALVES WITH FIXING HOLES....72
2 WAY CARTRIDGE ELECTRIC VALVES....116
2 WAY FLOW DIVIDERS....68
20 RELIEF VALVE CARTRIDGE....48, 92
21 DANM ELECTROMAGNETIC CLUTCHES....332
210 - 250 BAR VARIABLE DISPLACEMENT PISTON PUMPS 250 BAR....239
210 - 286 BAR VARIABLE DISPLACEMENT PISTON PUMPS 286 BAR....239
22L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES....355
24VDC SINGLE ACTING HYDRAULIC TRAILER KITS....273
25CM³ DOUBLE ACTING HANDPUMP....270
25CM³ SINGLE ACTING HANDPUMP....267
3 PORT FLOW CONTROL VALVE EXCESS TO TANK FLANGEABLE ON DANFOSS MOTORS OMP/OMR....224
3 PORT FLOW CONTROL VALVE WITH EXCESS BACK TO TANK....67
3 PORT FLOW CONTROL VALVE WITH EXCESS TO TANK WITH CHECK VALVE....67
3 PORT FLOW CONTROLVALVE EXCESS TO TANK FLANGEABLE ON DANFOSS MOTORS OMP/OMR....68
3 WAY BALL VALVES....73
3 WAY BALL VALVES WITH FIXING HOLES....73
3 WAY DIVERTER VALVES....74
3 WAY SOLENOID DIVERTER VALVES....28
3 WAYS SINGLE PILOT OPERATED CHECK VALVES, IN LINE....40
3/4" MONOBLOCK CONTROL VALVES GALTECH UP TO 120 L/MIN....34
3/4" MONOBLOCK CONTROL VALVES GALTECH UP TO 120 L/MIN....73
3/4" PORTS MAX FLOW 160L/MIN MONOBLOCK SD18 SERIES C/W MAIN RELIEF VALVE....17, 62, 66, 108, 112
3/8" MONOBLOCK CONTROL VALVES GALTECH UP TO 40 L/MIN....32, 72
3/8" PORTS MAX FLOW 40L/MIN MONOBLOCK HDM140 SERIES C/W MAIN RELIEF VALVE....15, 60, 64, 106, 110
3/8" PORTS MAX FLOW 45L/MIN MONOBLOCK HDM11/P SERIES C/W MAIN RELIEF VALVE....15, 61, 64, 106, 110
35 RELIEF VALVE CARTRIDGE....48, 92
350 BAR VARIABLE DISPLACEMENT PISTON PUMPS 350 BAR....239
39L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES....355
4 BUTTON DOUBLE ACTING 6 WIRE PENDANT....135
4 WAY DIVERTER VALVES....74
4 WAYS SINGLE PILOT OPERATED CHECK VALVES, IN LINE...78
40MM BASE ENTRY PRESSURE GAUGES....535
40MM REAR ENTRY PRESSURE GAUGES....535
45CM³ DOUBLE ACTING HANDPUMP....270
45CM³ SINGLE ACTING HANDPUMP....267
5.5 HP LOGSPLITTER KIT 7.7 TON FORCE....295
50 DANM ELECTROMAGNETIC CLUTCHES....334
50MM BASE ENTRY PRESSURE GAUGES....536
50MM REAR ENTRY PRESSURE GAUGES....535
58L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES....356
6 WAY SOLENOID DIVERTER VALVES....28
63MM BASE ENTRY PRESSURE GAUGES....536
63MM REAR ENTRY PRESSURE GAUGES....537
6CM³ DOUBLE ACTING HANDPUMP....269
6CM³ SINGLE ACTING HANDPUMP....266
70 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP....238
75L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES....356
80 RELIEF VALVE CARTRIDGE....49, 93
9 HP LOGSPLITTER KIT 10 TON FORCE....296
9 WAY SOLENOID DIVERTER VALVES....71
90° DEGREE ANGLE GAUGE ISOLATOR NEEDLE VALVES....79, 539
90° DEGREE PRESSURE COMPENSATED 90 FLOW REGULATOR VALVES....64
90° DEGREE ROTATING COUPLING....78
95000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES....319
96000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES....320
97500 SERIES CAST IRON SPEED REDUCTION GEARBOXES....321

**A**

AIR BREATHERS....402
ALUMINIUM HYDRAULIC PTO GEARBOXES AND PUMP ASSEMBLIES....312
ALUMINIUM OIL TANKS....349
ALUMINIUM OIL TANKS AB 12 NR....351
ALUMINIUM OIL TANKS AB 20....351
ALUMINIUM OIL TANKS AB 3,5....350
ALUMINIUM OIL TANKS AB 30 NR....352
ALUMINIUM OIL TANKS AB 44....352
ALUMINIUM OIL TANKS AB 6,5....350
ALUMINIUM OIL TANKS AB 70....353
ALUMINUIM HYDRAULIC PTO GEARBOXES AND PUMP ASSEMBLIES....312
ANGLED FILLER BREATHER....532

**B**

BALL VALVES....72
BARREL FLOW CONTROL VALVES NO CHECK....83
BARREL FLOW CONTROL VALVES WITH CHECK....83
BDR TYPE BOLT ON VALVES....223
BDS TYPE BOLT ON VALVES....223
BELL HOUSINGS AND DRIVE COUPLINGS FOR ELECTRIC MOTORS....245
BDR TYPE....223
BDS TYPE....223
BELL HOUSINGS AND DRIVE COUPLINGS FOR ELECTRIC MOTORS, PETROL AND DIESEL ENGINES....245
BIDIRECTIONAL CHECK VALVE....60, 105
BOLT ON HYDRAULIC VALVES TO SUIT FLOWFIT AND M+S HYDRAULIC MOTORS....222
BONDED SEALS....466
BRAKE CYLINDER (SINGLE ACTING)....291
BRAKE UNCLAMPING VALVE, FLANGEABLE TO DANFOSS MOTORS OMP/OMR....57, 102
BRAKE UNCLAMPING VALVE, FLANGEABLE TO DANFOSS MOTORS OMS....58, 102
BRAKES FOR HYDRAULIC MOTORS....205
BREATHER PLUGS....502
BSP 60° CONED PLUG....461
BSP FBFFX....472
BSP FBSPORX....469
BSP FBSPORX....491
BSP FBSPORX45....469
BSP FBSPORX45....492
BSP FBSPORX90....470
BSP FBSPORX90....492
BSP FBSPORX90BL....470
BSP FIXED FEMALE X BSP FIXED FEMALE....447
BSP MALE 60° CONE X BSP FIXED FEMALE BUSH....446
BSP MALE CONE SEAT X BSP SWIVEL FEMALE 90° COMPACT ELBOW....459
BSP MALE FOR BONDED SEAL X BSP SWIVEL FEMALE 90° COMPACT ELBOW....459
BSP MALE FORGED TEE....448
BSP MALE TEE CONE SEATING....448
BSP MALE TEE FOR BONDED SEAL....452
BSP MALE X BSP FIXED FEMALE EXTENDED....445
BSP MALE X BSP MALE....426
BSP MALE X BSP MALE 45°POSITIONAL FORGED ELBOW....455
BSP MALE X BSP MALE 90° POSITIONAL FORGED ELBOW....454
BSP MALE X BSP MALE BULKHEAD WITH LOCKNUT....428
BSP MALE X BSP MALE EXTENDED BULKHEAD WITH LOCKNUT....428
BSP MALE X BSP MALE X BSP SWIVEL FEMALE BRANCH TEE....451
BSP MALE X BSP SWIVEL FEMALE....440
BSP MALE X BSP SWIVEL FEMALE 45° FORGED COMPACT ELBOW....458
BSP MALE X BSP SWIVEL FEMALE 90° FORGED COMPACT ELBOW....456
BSP MALE X BSP SWIVEL FEMALE 90° SWEPT ELBOW....464
BSP MALE X BSP SWIVEL FEMALE X BSP MALE BRANCH TEE....453
BSP MALE X BSP SWIVEL FEMALE X BSP MALE BRANCH TEE REDUCING ON BRANCH....451
BSP MALE X BSPT MALE....429
BSP MALE X JIC MALE....430
BSP MALE X JIC SWIVEL FEMALE....441
BSP MBSPP....471, 493
BSP MBSPPBKHD....471
BSP MBSPT....468
BSP SOCKET HEADED PLUG WITH 3869 SEAL....462
BSP SOLID PLUG....461
BSP SWIVEL BLANKING CAP....462
BSP SWIVEL FEMALE TEE....453
BSP SWIVEL FEMALE X BSP SWIVEL FEMALE....444
BSP SWIVEL FEMALE X BSP SWIVEL FEMALE 90° COMPACT ELBOW....461
BSP SWIVEL FEMALE X BSP SWIVEL FEMALE 90° FORGED COMPACT ELBOW....458
BSP SWIVEL FEMALE X PUSH-IN 90° SWEPT....464
BSP SWIVEL FEMALE X PUSH-IN STRAIGHT....465
BSPT SOLID PLUG....463
BVR TYPE....224
BVR TYPE MOTOR MOUNTED PRESSURE COMPENSATED FLOW CONTROL VALVE....224

**C**

CARTRIDGE SCREWED-IN HEATERS....362
CARTRIDGE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT....363
CAST IRON PTO GEAR BOXES WITH GROUP 3 PUMPS....313
CETOP 3 AND 5 HIGH PRESSURE FILTERS FDM-1 UPTO 315 BAR....383
CETOP 3 CHECK VALVES....91
CETOP 3 COUNTER BALANCE VALVE....92
CETOP 3 FLOW CONTROL C/W CHECK VALVE....92
CETOP 3 NG6 1 STATION MANIFOLD....133
CETOP 3 NG6 MODULAR CHECK VALVE....91
CETOP 3 NG6 MODULAR COUNTER BALANCE VALVE....92
CETOP 3 NG6 MODULAR FLOW CONTROL VALVE WITH CHECK....92
CETOP 3 NG6 MODULAR PILOT OPERATED CHECK VALVE....91
CETOP 3 NG6 MODULAR REDUCING VALVE....90
CETOP 3 NG6 MODULAR RELIEF VALVE....90
CETOP 3 NG6 SOLENOID DIRECTIONAL CONTROL VALVES....88
CETOP 3 NG6 SPRING CENTERED 3 POSITION DOUBLE ACTING SOLENOID DIRECTIONAL CONTROL VALVE....88
CETOP 3 NG6 SPRING OFFSET 2 POSITION SINGLE ACTING SOLENOID DIRECTIONAL CONTROL VALVE....88
CETOP 3 NG6 STEEL COVER PLATE....96
CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD....93
CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD WITH RELIEF VALVE....94
CETOP 3 NG6 STEEL SUBPLATE WITH BASE PORTS....96
CETOP 3 NG6 STEEL SUBPLATE WITH SIDE PORTS....96
CETOP 3 PILOT OPERATED CHECK VALVES....91
CETOP 3 PRESSURE REDUCING VALVES....90
CETOP 3 RELIEF VALVES....90
CETOP 3 SEQUENCE VALVES....93
CETOP 3 VALVES....87
CETOP 5 CHECK VALVES....100
CETOP 5 COUNTER BALANCE VALVE....101
CETOP 5 FLOW CONTROL C/W CHECK VALVE....101
CETOP 5 NG10 MODULAR CHECK VALVE....100
CETOP 5 NG10 MODULAR FLOW CONTROL VALVE....101
CETOP 5 NG10 MODULAR PILOT OPERATED CHECK VALVE....100
CETOP 5 NG10 MODULAR REDUCING VALVE....99
CETOP 5 NG10 MODULAR RELIEF VALVE....99
CETOP 5 NG10 SOLENOID DIRECTIONAL CONTROL VALVES....97
CETOP 5 NG10 STEEL COVER PLATE....105
CETOP 5 NG10 STEEL PARALLEL CIRCUIT MANIFOLD....104
CETOP 5 NG10 STEEL PARALLEL CIRCUIT MANIFOLD WITH RELIEF VALVE....104
CETOP 5 NG10 STEEL SUBPLATE WITH BASE PORTS....104
CETOP 5 NG10 STEEL SUBPLATE WITH SIDE PORTS....104
CETOP 5 PILOT OPERATED CHECK VALVES....100
CETOP 5 PRESSURE REDUCING VALVES....99
CETOP 5 RELIEF VALVES....99
CETOP 5 SEQUENCE VALVES....101
CETOP 7 COUNTER BALANCE VALVE....108
CETOP 7 FLOW CONTROL C/W CHECK VALVE....108
CETOP 7 PILOT OPERATED CHECK VALVES....107
CETOP 7 PRESSURE REDUCING VALVES....107
CETOP 7 RELIEF VALVES....106
CETOP 8 CHECK VALVES....111
CETOP 8 COUNTER BALANCE VALVE....112
CETOP 8 FLOW CONTROL C/W CHECK VALVE....111
CETOP 8 PILOT OPERATED CHECK VALVES....111
CETOP 8 PRESSURE REDUCING VALVES....110
CETOP 8 RELIEF VALVES....110
CETOP MANIFOLDS....94
CF - DOME SHAPED THREADED OIL LEVEL INDICATOR....406

CHECK VALVES....59, 104
CLEAN OIL TRANSFER SYSTEMS 12V....416
CLEAN OIL TRANSFER SYSTEMS 240V....416
CLOGGING INDICATORS....386
CM2T....468
COIL FOR LET DOWN VALVE....132
COMPACT DOUBLE PILOT OPERATED CHECK VALVE....39, 77
CRIMPING MACHINES: OVERVIEW....486
CUSTOM BUILT POWER UNITS....174
CUTTING MACHINES: OVERVIEW....488
CYLINDRICAL DOUBLE PILOT OPERATED CHECK VALVE....38, 76

**D**

DC PUMPS VISCOMAT DC....414
DETAILS FOR INSTALLATION HF600....163
DIESEL ENGINE....179
DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KITS....249
DIFFERENTIAL DUAL CROSS RELIEF VALVES....53, 98
DIFFERENTIAL TYPE RELIEF VALVES....50, 95
DIFFUSERS....374
DIN 24˚....484
DIN 24˚ FDHORX45....483
DIN 24˚ FDLORX....496
DIN 24˚ FDLORX45....481, 497
DIN 24˚ FDLORX90....497
DIN 24˚ MDH....499
DIN 24˚ MDL....482, 497
DIN 24° FDHORX....483, 498
DIN 24° FDHORX45....498
DIN 24° FDHORX90....484, 499
DIN 24° FDLORX....480
DIN 24° FDLORX90....481
DIRECT ACTING REDUCING VALVE WITH CHECK VALVE....58, 103
DIRECT ACTING SEQUENCE VALVES....69
DIRECT OPERATED RELIEF VALVE....113
DIVERTER VALVES....74
DOUBLE ACTING HANDPUMP AND CYLINDER KITS....272
DOUBLE ACTING HANDPUMP ASSEMBLIES....268
DOUBLE ACTING HYDRAULIC CIRCUIT POWER PACKS....152
DOUBLE ACTING HYDRAULIC CYLINDER....278
DOUBLE ACTING PLOUGH OUTSIDE DRILLS OVERTURNING VALVES FOR CYLINDER WITH MEMORY AND WITHOUT MEMORY....81
DOUBLE ACTING PLOUGH OVERTURNING VALVE BY DOWN MOULDBOARD LOAD SHIFTING
DOUBLE ACTING PLOUGH OVERTURNING VALVE BY UP MOULDBOARD LOAD SHIFTING....80
DOUBLE ACTING PLOUGH OVERTURNING VALVES WITH RELIEF VALVE....80
DOUBLE ACTING PLOUGH OVERTURNING VALVES....80
DOUBLE ACTING SEMI-ROTARY HAND PUMPS....415
DOUBLE OVERCENTRE VALVE FLANGEABLE, CLOSED CENTRE....45
DOUBLE OVERCENTRE VALVE FLANGEABLE, CLOSED CENTRE....83
DOUBLE OVERCENTRE VALVES....43, 80
DOUBLE OVERCENTRE VALVES FLANGEABLE....44, 81
DOUBLE OVERCENTRE VALVES FLANGEABLE BY SCREW....46, 85
DOUBLE OVERCENTRE VALVES FOR CENTRE CLOSED....47, 89
DOUBLE OVERCENTRE VALVES TYPE A....44, 80
DOUBLE PILOT OPERATED CHECK VALVE WITH ADJUSTABLE BANJO UNION....37, 74
DOUBLE PILOT OPERATED CHECK VALVES....36, 74
DOUBLE PILOT OPERATED CHECK VALVES - TYPE A....37, 75
DOUBLE PILOT OPERATED CHECK VALVES FLANGEABLE....37, 75
DOUBLE PILOT OPERATED CHECK VALVES FLANGEABLE BY SCREW....38, 76
DOUBLE PILOT OPERATED CHECK VALVES FOR 12MM PIPE MOUNTING (DIN 2353)....36, 74
DOUBLE PILOT OPERATED CHECK VALVES TO WELD....39, 77
DOUBLE PILOT OPERATED CHECK VALVES WITH LATERAL JOINS....39, 76
DOUBLE PILOT OPERATED CHECK VALVES WITH MANUAL SHUT-OFF....38, 76
DOUBLE RELIEF VALVES....52, 96
DOWTY SEALS....466
DRAIN FILLING PLUGS....511
DRAIN PLUG....511
DRUM AND TANK TRANSFER UNITS....416
DUAL CROSS RELIEF VALVE FLANGEABLE ON DANFOSS MOTORS OMP/OMR BY SCREWS....54, 99
DUAL CROSS RELIEF VALVE FLANGEABLE ON DANFOSS MOTORS OMS-OMP/OMR-OMT....55, 100
DUAL CROSS RELIEF VALVE FLANGEABLE N DANFOSS MOTORS OMS-OMP/OMR-OMT....225
DUAL CROSS RELIEF VALVE FLANGEABLE ON SAMHYDRAULIK MOTORS AG - AR....56, 100
DUAL CROSS RELIEF VALVE FLANGEABLE ON AMHYDRAULIK MOTORS AG - AR....226
DUAL CROSS RELIEF VALVE WITH ANTI-CAVITATION AND SINGLE ADJUSTMENT....57, 101
DUAL CROSS RELIEF VALVES....53, 54, 97, 99
DUAL CROSS RELIEF VALVES WITH ANTI-CAVITATION....56, 101
DUAL CROSS RELIEF VALVES WITH PILOT CHECK VALVE....57, 101

**E**

EFG6K....490
ELB BRAKES....221
ELBOW ADAPTORS....454
ELBOW CONNECTORS FOR PUMP PORT CONNECTIONS TYPE 'N'....234
ELECTRIC FLOAT LEVEL SWITCHES 2 HOLE MOUNT....398
ELECTRIC FLOATING LEVEL GAUGES....399
ELECTRIC LEVEL INDICATORS....397
ELECTRIC MOTOR PUMP SET....255
ELECTRIC MOTORS....250
ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLIES....336, 337
ELECTRO- HYDRAULIC PROPORTIONAL RELIEF & FLOW CONTROL VALVE....117
ELECTRO-HYDRAULIC PROPORTIONAL PILOT RELIEF VALVE....116
ELECTRO-HYDRAULIC ON-OFF INTERNAL PILOT VERSION VALVE....116
ELECTRO-HYDRAULIC PROPORTIONAL PILOT RELIEF VALVE....116
ELECTRO-HYDRAULIC PROPORTIONAL RELIEF AND FLOW CONTROL VALVE....117
ELECTRO-HYDRAULIC PROPORTIONAL RELIEF VALVE....117
ELECTRO-HYDRAULIC PROPORTIONAL VALVES....116
ELECTRO-HYDRAULIC PROPORTIONAL RELIEF VALVE....117
ELECTRO-HYDRAULIC PROPORTIONAL VALVES....116
ELECTROMAGNETIC CLUTCHES....323
END STROKE VALVES....76
END STROKE VALVES, NORMALLY CLOSED....76
END STROKE VALVES, NORMALLY OPEN....76
ENGINE COUPLINGS....245
EPM HYDRAULIC MOTOR....215
EPMM HYDRAULIC MOTOR....214
EPMS HYDRAULIC MOTOR....218
EPMT HYDRAULIC MOTOR....219
EPMV HYDRAULIC MOTOR....220
EPRM HYDRAULIC MOTOR....216
ET-ELECTRIC DC MOTOR PUMP SET....167
EXTERNAL SINGLE PILOT OPERATED CHECK VALVES....42, 79

**F**

F100-XD INLINE HIGH PRESURE MAX 80-100BAR....379
F280-D1 INLINE HIGH PRESSURE MAX 280 BAR....382
FA-1 RETURN LINE SPIN-ON....368
FA-1 SUCTION SPIN-ON FILTERS....376
FA-2 TANK TOP RETURN LINE SPIN-ON....369
FA-4 INLINE PRESSURE AND RETURN SPIN ON....375
FB-1 SERIES AIR BREATHER FILTERS....402
FCR-7 TANK TOP TETURN LINE....373
FD-3 INLINE MEDIUM PRESSURE MAX 100 BAR....380
FDM-1 CETOP MOUNTABLE HIGH PRESSURE MAX 315 BAR....383
FEMALE THREADED PLUG....526
FEMALE THREADED PLUG WITH BREATHER....526
FEMALE THREADED PLUG WITH BREATHER AND DIPSTICK....527
FILLER BREATHER AND AIR FILTER....405
FILLER BREATHERS....402
FILLING AND BREATHER PLUGS WITH....533
FILLING AND BREATHER PLUGS WITH LEVEL DIPSTICK ON INCLINED FLANGE....533
FILLING PLUG....501
FILLING PLUG AND BREATHER....502
FILLING PLUG ON INCLINED FLANGE....532
FILLING PLUG WITH BREATHER....501
FILLING PLUG WITH BREATHER AND LOCK-HOLDER....502, 504, 506
FILLING PLUG WITH BREATHER AND MILLED HEAD....509, 515
FILLING PLUG WITH BREATHER FOR SIDE APPLICATIONS....532
FILLING PLUG WITH DIPSTICK....518
FILLING PLUG WITH DIPSTICK AND BREATHER....520
FILLING PLUG WITH DIPSTICK AND BREATHER HOLE....501
FILLING PLUG WITH FLANGE TO BE WELDED....529
FILLING PLUG WITH LOCK-HOLDER....529
FILLING PLUG WITH THREADED MOUNT
FILLING PLUGS....526
FILLING PLUGS ON INCLINED FLANGE....532
FILTRATION....367
FILTRATION TROLLEY....413
FILTREC ACCESSORIES....385
FILTREC CLOGGING INDICATORS....386
FILTREC F100-XD INLINE HIGH PRESSURE MAX 80-100 BAR....379
FILTREC F160-XD INLINE MEDIUM PRESSURE MAX 160 BAR....381
FILTREC F280-D1 INLINE HIGH PRESSURE MAX 280 BAR....382
FILTREC FA-1 RETURN LINE SPIN-ON....368
FILTREC FA-1 SUCTION SPIN-ON....376
FILTREC FA-2 TANK TOP RETURN LINE SPIN-ON....369
FILTREC FA-4 INLINE PRESSURE AND RETURN SPIN-ON....375
FILTREC FB-1 SERIES AIR BREATHER FILTERS....402
FILTREC FCR-7 TANK TOP RETURN LINE....373
FILTREC FD-3 INLINE MEDIUM PRESSURE MAX 100 BAR....380
FILTREC FDM-1 CETOP MOUNTABLE....383
FILTREC FILLER BREATHERS....402
FILTREC FL SERIES FLUID LEVEL TEMPERATURE GAUGES....396
FILTREC FR-1 TANK TOP RETURN LINE....370
FILTREC FR-8 TANK TOP RETURN LINE....372
FILTREC FS-1 SUCTION STRAINERS....377
FILTREC FS-7 IN TANK MOUNTED SUCTION STRAINERS....378
FILTREC FT SERIES FILLER BREATHER FILTERS....402
FILTREC HIGH PRESSURE FILTERS....382
FILTREC IN TANK MOUNTED SUCTION STRAINERS FS-7....378
FILTREC INLINE HIGH PRESSURE FILTERS 80-315 BAR....383
FILTREC INLINE MEDIUM PRESSURE FILTERS....379
FILTREC INLINE PRESSURE AND RETURN SPIN ON FA4....375
FILTREC LEVEL INDICATORS....525
FILTREC LOW PRESSURE INLINE FILTER....375
FILTREC MEDIUM PRESSURE FILTERS....379
FILTREC RETURN LINE FILTERS....368
FILTREC RETURN LINE FILTERS FA-1....368
FILTREC SUCTION FILTERS....378
FILTREC SUCTION LINE FILTERS....376
FILTREC SUCTION SPIN-ON FA-1....376
FILTREC SUCTION STRAINERS....377
FILTREC TANK TOP RETURN LINE FCR-7....373
FILTREC TANK TOP RETURN LINE FILTERS....369
FILTREC TANK TOP RETURN LINE FR-1....370
FILTREC TANK TOP RETURN LINE FR-8....372
FILTREC TANK TOP RETURN LINE SPIN ON FA-2....369
FILTREC TECHNICAL FILTRATION....367
FIXED SETTING THROTTLE CHECK VALVES....64
FL SERIES FLUID LEVEL TEMPERATURE GAUGES 760....396
FLANGE COUPLINGS....339
FLANGED LEVEL INDICATOR WITH FLOAT SYSTEM....523
FLANGES FOR 10 DANM ELECTROMAGNETIC CLUTCHES....325, 327
FLANGES FOR 14 DANM ELECTROMAGNETIC CLUTCHES....329
FLANGES FOR 21 DANM ELECTROMAGNETIC CLUTCHES....335
FLANGES TO SUIT SERIES 30500 MECHANICAL CLUTCH....303
FLAT-FACE QUICK RELEASE COUPLINGS....421
FLOATING LEVEL GAUGE BSP AND 3 HOLE MOUNT....397
FLOW CONTROL VALVES....63
FLOW CONTROL VALVES WITHOUT CHECK....65
FLOW CONTROLS BOLT ONTO HYDRAULIC MOTORS....222
FLOW 250 SLICE VALVE 1" SERVICE PORTS MAX FLOW 250L/MIN C/W MAIN RELIEF AND MOUNTING FEET. INLET 1 1/4" AND OUTLET 1 1/2"....21, 68, 114
FLOW DIVIDERS....235, 236
FLOW REGULATOR VALVES....63
FLOW REGULATOR VALVES WITH CHECK....65
FLOWFIT 12VDC DOUBLE ACTING, DOUBLE NG6 (CETOP 3) SOLENOID VALVE POWER PACKS....124
FLOWFIT 12VDC DOUBLE ACTING, NG6 (CETOP 3) SOLENOID VALVE POWER PACKS....122
FLOWFIT 12VDC SINGLE ACTING HYDRAULIC POWER PACKS....120
FLOWFIT 2 WAY CARTRIDGE ELECTRIC VALVES....116
FLOWFIT 24VDC DOUBLE ACTING, DOUBLE NG6 (CETOP 3) SOLENOID VALVE POWER PACKS....130
FLOWFIT 24VDC DOUBLE ACTING, NG6 (CETOP 3) SOLENOID VALVE POWER PACKS....128
FLOWFIT 24VDC SINGLE ACTING HYDRAULIC POWER PACKS....126
FLOWFIT BELL HOUSINGS....245
FLOWFIT BELL HOUSINGS AND DRIVE COUPLING ENGINE KITS....249
FLOWFIT CETOP 3 NG6 MODULAR CHECK VALVE....91
FLOWFIT CETOP 3 NG6 MODULAR COUNTER BALANCE VALVE....92
FLOWFIT CETOP 3 NG6 MODULAR FLOW CONTROL VALVE WITH CHECK....92
FLOWFIT CETOP 3 NG6 MODULAR PILOT OPERATED CHECK VALVE....91
FLOWFIT CETOP 3 NG6 MODULAR REDUCING VALVE....90
FLOWFIT CETOP 3 NG6 MODULAR RELIEF VALVE....90
FLOWFIT CETOP 3 NG6 SOLENOID DIRECTIONAL CONTROL VALVES....88
FLOWFIT CETOP 3 NG6 SPRING CENTERED 3 POSITION DOUBLE ACTING SOLENOID DIRECTIONAL CONTROL VALVE....88
FLOWFIT CETOP 3 NG6 SPRING OFFSET 2 POSITION SINGLE ACTING SOLENOID DIRECTIONAL CONTROL VALVE....88
FLOWFIT CETOP 3 NG6 STEEL COVER PLATE....96
FLOWFIT CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD....93
FLOWFIT CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD WITH RELIEF VALVE....94
FLOWFIT CETOP 3 NG6 STEEL SUBPLATE WITH BASE PORTS....96

FLOWFIT CETOP 3 NG6 STEEL SUBPLATE WITH SIDE PORTS....96
FLOWFIT CETOP 5 NG10 MODULAR CHECK VALVE....100
FLOWFIT CETOP 5 NG10 MODULAR FLOW CONTROL VALVE....101
FLOWFIT CETOP 5 NG10 MODULAR PILOT OPERATED CHECK VALVE....100
FLOWFIT CETOP 5 NG10 MODULAR REDUCING VALVE....99
FLOWFIT CETOP 5 NG10 MODULAR RELIEF VALVE....99
FLOWFIT CETOP 5 NG10 SOLENOID DIRECTIONAL CONTROL VALVES....97
FLOWFIT CETOP 5 NG10 STEEL COVER PLATE....105
FLOWFIT CETOP 5 NG10 STEEL PARALLEL CIRCUIT MANIFOLD WITH RELIEF VALVE....104
FLOWFIT CETOP 5 NG10 STEEL PARALLEL CIRCUIT....102
FLOWFIT CETOP 5 NG10 STEEL SUBPLATE WITH SIDE PORTS....104
FLOWFIT CETOP 5 VALVES....97
FLOWFIT CETOP VALVES....87
FLOWFIT CETOP 5 NG10 STEEL SUBPLATE WITH BASE PORTS....104
FLOWFIT CUSTOM BUILT WORKSHEET....174
FLOWFIT DIVERTER VALVE HANDLEVER MICROSWITCH....86
FLOWFIT DRIVE COUPLINGS....245
FLOWFIT ELECTRIC MOTOR BELL HOUSINGS....246
FLOWFIT ELECTRIC MOTOR DRIVE COUPLINGS....247
FLOWFIT FILLER BREATHERS....402
FLOWFIT HONDA PETROL POWER UNIT RECOIL START....137
FLOWFIT HONDA PETROL POWER UNIT RECOIL START WITH LEVER VALVE....139
FLOWFIT HYDRAULIC 12V ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLY....337
FLOWFIT HYDRAULIC 24V ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLY....338
FLOWFIT HYDRAULIC CYLINDERS....275
FLOWFIT HYDRAULIC FLAT FACE QUICK RELEASE COUPLINGS MALE & FEMALE ENDS....421
FLOWFIT HYDRAULIC ISO A QUICK RELEASE COUPLINGS MALE & FEMALE ENDS....419
FLOWFIT HYDRAULIC MOTORS....191
FLOWFIT HYDRAULIC QUICK RELEASE COUPLINGS....418, 419
FLOWFIT HYDRAULIC TRAILER BRAKE QUICK RELEASE COUPLINGS....423
FLOWFIT LOG SPLITTER KITS....284, 295
FLOWFIT LONCIN PETROL POWER UNIT RECOIL START....137
FLOWFIT LONCIN PETROL POWER UNIT RECOIL START WITH LEVER VALVE....140
FLOWFIT MOBILE ENGINE DRIVEN HYDRAULIC POWER UNITS ON WHEELS....136
FLOWFIT MOBILE ENGINE DRIVEN HYDRAULIC POWER UNITS....136
FLOWFIT MOBILE ENGINE DRIVEN HYDRAULIC POWER UNITS ON WHEELS....136
FLOWFIT PETROL ENGINES BELL HOUSINGS ONLY....248
FLOWFIT POWERPACK ACCESSORIES....132
FLOWFIT REVERSIBLE MECHANICAL CLUTCH AND HYDRAULIC PUMP ASSEMBLIES....304
FLOWFIT SDV06- 6 WAY SOLENOID DIVERTERS....84
FLOWFIT SDV10-6WAY SOLENOID DIVERTERS....85
FLOWFIT SDV3- 3 WAY SOLENOID DIVERTERS....83
FLOWFIT SOLENOID DIVERTER VALVES....82
FLOWFIT WELDLESS STEEL PRIMED TANKS....347
FLOWFIT WELDLESS STEEL TANKS....344, 345
FLOWFIT WELDLESS STEEL TANKS COMPLETE WITH ACCESSORIES....357
FLUID TRANSFER....412
FMC - MAGNETIC FILTER ROD....510
FMC/LS - MAGNETIC FILTER WITH DIPSTICK AND BREATHER....510
FOLD LEVERS FOR HAND PUMPS....263
FOLDING HYDRAULIC CRUTCH....292
FOOT HANDPUMP....263
FR-1 TANK TOP RETURN LINE....370
FR-8 TANK TOP RETURN LINE....372
FS-1 SUCTION STRAINERS....377
FS-7 IN TANK MOUNTED SUCTION STRAINERS....378
FT SERIES FILLER BREATHER FILTERS....402
FT292 PUSH-BUTTON GAUGE ISOLATOR VALVES....540
FT299 PRESSURE GAUGE SWIVEL ADAPTORS - 400 BAR RATED....540

**G**

GATES HYDRAULIC HOSE, FITTINGS & MACHINERY....467
GAUGE ISOLATOR 90°....540
GAUGE ISOLATOR IN LINE....539
GAUGE ISOLATOR VALVES....539
GEAR MOTORS....227
GEAR MOTORS GROUP 2....228
GEAR MOTORS GROUP 3....229
GEAR PUMPS....230
GF - STEEL MOUNTING FLANGE....406
GLV - VERTICAL LEVEL INDICATOR WITH DOUBLE THREAD....524
GLVE - VERTICAL LEVEL INDICATOR WITH DOUBLE ELECTRICAL CONTACT....525
GLVX - VERTICAL LEVEL INDICATOR WITH DOUBLE THREAD, WITH PYREX GLASS AND PROTECTION....524
GROUP 1 - 9L/MIN TO 17.64L/MIN....305
GROUP 1 + GROUP 1 TANDEM PUMPS....231
GROUP 1 BEARING SUPPORT....315
GROUP 2 - 19.8L/MIN TO 46.8L/MIN....306
GROUP 2 + GROUP 1 TANDEM PUMPS....231, 232
GROUP 2 + GROUP 2 TANDEM PUMPS....232
GROUP 2 BEARING SUPPORT....315
GROUP 2 BEARING SUPPORT REINFORCED....316
GROUP 3 - 52.2L/MIN TO 79.2L/MIN....306
GROUP 3 + GROUP 1 TANDEM PUMPS....231, 233
GROUP 3 + GROUP 2 TANDEM PUMPS....231, 232
GROUP 3 + GROUP 3 TANDEM PUMPS....233
GROUP 3 BEARING SUPPORT....317
GROUP 3 CAST IRON BEARING SUPPORT....317
GROUP 3 FLANGE FOR 14 DANM ELECTROMAGNETIC CLUTCH....331
GROUP 3 FLANGE FOR 21 DANM ELECTROMAGNETIC CLUTCH....333
GTSF - LEVEL INDICATOR UNIT WITH BREATHER PLUG....518

**H**

HAND OPERATED PUMPS FOR OIL DRUMS....415
HAND PUMP LEVERS....263
HANDLEVERS....263
HANDPUMP AND POWERPACK TRAILER KITS....271
HANDPUMP DOUBLE ACTING....261
HANDPUMP SINGLE ACTING....258
HANDPUMP TRAILER KITS....271
HANDPUMPS AND POWERPACK TRAILER KITS....271
HATZ 1B20 4.2HP DIESEL ENGINE WITH 12 VOLT START....179
HATZ 1B20 4.2HP DIESEL ENGINE WITH RECOIL START....179
HATZ 1B30 6.3HP 4.6 KW DIESEL ENGINE WITH RECOIL START....179
HATZ 1B30 6.3HP DIESEL ENGINE WITH 12 VOLT START....180
HATZ 1B40 9.2HP DIESEL ENGINE WITH 12 VOLT START....180
HATZ 1B40 9.2HP DIESEL ENGINE WITH RECOIL START....180
HATZ 1D50Z 10.2HP DIESEL ENGINE WITH 12 VOLT START....181
HATZ 1D50Z 10.2HP DIESEL ENGINE WITH HANDLE START....181
HATZ 1D81Z 13.7HP DIESEL ENGINE WITH 12 VOLT START....181
HATZ 1D81Z 13.7HP DIESEL ENGINE WITH HANDLE START....182
HATZ 2G40 20HP DIESEL ENGINE WITH 12 VOLT START....182
HATZ 2L41C 33.2 HP DIESEL ENGINE WITH 12 VOLT START....182
HATZ 3L41C 49.9 HP DIESEL ENGINE WITH 12 VOLT START....183
HATZ 4L41C 66.4 HP DIESEL ENGINE WITH 12 VOLT START....183
HATZ DIESEL ENGINES....179
HDS11 SLICE VALVE 3/8" PORTS MAX FLOW 45L/MIN C/W MAIN RELIEF AND MOUNTING FEET....19, 63, 67, 109, 113
HDS15 SLICE VALVE 1/2"PORTS MAX FLOW 60L/MIN C/W MAIN RELIEF AND MOUNTING FEET....19, 63, 67, 109, 113
HDS20 SLICE VALVE 1/2" PORTS (A+B), 3/4" PORTS (P+T) MAX FLOW 80 L/MIN C/W MAIN RELIEF AND MOUNTING FEET....20, 68, 113
HDS30 SLICE VALVE 3/4" PORTS MAX FLOW 120L/MIN C/W MAIN RELIEF AND MOUNTING FEET....20, 68, 113
HF SERIES STEEL TANKS....359
HF10 FILTRATION UNIT....413
HF500 250 BAR POWER PACKS....155
HF600 350 BAR VARIABLE FLOW HIGH PRESSURE POWER PACKS....161
HF700 PETROL ENGINE DRIVEN POWER PACKS....170
HF800 HONDA PETROL ENGINE DRIVEN POWER PACKS....168
HF900 HATZ DIESEL ENGINE DRIVEN....172
HIGH PRESSURE 3-WAY DIVERTER VALVES, STEEL BODY....75
HIGH PRESSURE 6000 PST HYDRAULIC HOSE....490
HIGH PRESSURE BALL VALVES....72
HIGH PRESSURE POWER PACKS....161
HIGH PRESSURE POWER PACKS VARIABLE FLOW PUMP....161
HIGH-PRESSURE FILTERS....382
HKU & HKUS STEERING UNITS....221
HONDA 13 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP....184
HONDA 13 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW....189
HONDA 20 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP....185
HONDA 20 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW....189
HONDA 5.3 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP....184
HONDA 5.5 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW....186
HONDA 9 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP....184
HONDA 9 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW....188
HONDA PETROL ENGINE DRIVEN POWER PACKS....168
HONDA PETROL POWER UNIT RECOIL START....137
HONDA PETROL POWER UNIT RECOIL START WITH LEVER VALVE....139
HOSE BURST VALVES....60, 105
HYDRAULIC 11 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX240/GX270....243, 244
HYDRAULIC 22 GPM TWO STAGE HI-LOW PUMP C/W BELL HOUSING ENGINE KIT GX630....244
HYDRAULIC 8 GPM TWO STAGE HI-LOW EAR PUMP C/W BELL HOUSING ENGINE KIT GX120/GX160/GX200....243
HYDRAULIC ADAPTORS....425
HYDRAULIC CARTRIDGE VALVES....35
HYDRAULIC CETOP VALVES....87
HYDRAULIC CONTROL VALVES....13
HYDRAULIC CRUTCH (SINGLE ACTING)....292
HYDRAULIC CYLINDERS....275
HYDRAULIC ELECTRIC MOTOR PUMP SET 3.7KW 40V SINGLE PHASE (1PH) WITH 8GPM HI-LO PUMP....256
HYDRAULIC FLAT FACE QUICK RELEASE COUPLINGS....421
HYDRAULIC GEAR PUMP MODEL GP-CBN TECHNICAL DATA....241
HYDRAULIC HANDPUMPS....257
HYDRAULIC HOSE-REEL VALVE LEVER OPERATED C/W FLOW CONTROL....26, 69, 115
HYDRAULIC HOSE-REEL VALVE WITHOUT FLOW CONTROL....27, 70, 116
HYDRAULIC ISO A QUICK RELEASE COUPLINGS MALE & FEMALE ENDS....419
HYDRAULIC MOTOR....191
HYDRAULIC MOTOR BOLT ON VALVES....222
HYDRAULIC MOTOR PUMP SETS 240V AND 415V....256
HYDRAULIC MOTOR SERIES....205
HYDRAULIC MOTOR SERIES FFPM....193
HYDRAULIC MOTOR SERIES FFPMH....197
HYDRAULIC MOTOR SERIES FFPMM....192
HYDRAULIC MOTOR SERIES FFPMS....198
HYDRAULIC MOTOR SERIES FFPMSY....201
HYDRAULIC MOTOR SERIES FFPMT....202
HYDRAULIC MOTOR SERIES FFPMV....204
HYDRAULIC MOTOR SERIES FFPRM....195
HYDRAULIC POWER PACKS....142
HYDRAULIC POWER PACKS 250 BAR....155
HYDRAULIC POWER PACKS 350 BAR....161
HYDRAULIC POWER UNITS....141
HYDRAULIC PRIMED TANKS COMPLETE WITH ACCESSORIES....357
HYDRAULIC PROPORTIONAL VALVE....116
HYDRAULIC PTO GEARBOXES AND PUMP ASSEMBLIES....311
HYDRAULIC PTO GEARBOXES AND PUMP ASSEMBLIES....311
HYDRAULIC QUICK RELEASE COUPLINGS....418
HYDRAULIC SPECIFICATION 100MM BASE ENTRY PRESSURE GAUGE....538
HYDRAULIC SPECIFICATION 100MM REAR ENTRY PRESSURE GAUGE....539
HYDRAULIC SPECIFICATION 63MM BASE ENTRY PRESSURE GAUGE....536
HYDRAULIC SPECIFICATION 63MM REAR ENTRY PRESSURE GAUGE....537
HYDRAULIC STAINLESS STEEL TANKS....359
HYDRAULIC STEEL TANKS....344
HYDRAULIC TANKS....359
HYDRAULIC TANKS COMPLETE WITH ACCESSORIES....354, 357
HYDRAULIC TOP LINK (FIXED)....288
HYDRAULIC TOP LINK (RAPID HOOK)....289
HYDRAULIC TRAILER BRAKE QUICK RELEASE COUPLINGS....423
HYDRAULIC TWO STAGE HI-LO GEAR PUMPS....240

**I**

IFC - DOME-SHAPED LEVEL GAUGE....517
ILA - LEVEL INDICATOR....520
ILAF - LEVEL INDICATOR WITH BREATHER....521
ILAS - LEVEL INDICATOR WITH BREATHER....521
IN LINE GAUGE ISOLATOR NEEDLE VALVES....79
IN LINE MOUNTING RELIEF VALVE....51, 95, 96
IN LINE ROTATING COUPLING....78
IN TANK MOUNTED SUCTION STRAINERS....377
IN-LINE RETURN FILTERS....368
IN-LINE RETURN FILTERS FA-1....368
IN-LINE SUCTION FILTERS....376
INCLINED FILLING PLUG....532
INCLINED FLANGE....532
INCLINED FLANGE FOR SIDE APPLICATIONS....532
INDUSTRIAL POWER PACKS....155
INLINE HIGH PRESSURE FILTERS F280-D1 UPTO 280BAR....382
INLINE HIGH PRESSURE FILTERS F420-D1 SERIES....384
INLINE MEDIUM PRESSURE FILTERS F100 MAX WORKING UPTO 100BAR....379
INLINE MEDIUM PRESSURE FILTERS F160 UPTO 160BAR....381
INLINE MEDIUM PRESSURE FILTERS FD-3 UPTO 110BAR....380

INLINE PRESSURE AND RETURN SPIN ON....375
INLINE SPIN-ON FILTER FA-4....375
INSPECTION PORTHOLE OR LIQUID LEVEL....405
INTEGRATED CHECK VALVES....59, 104
ISO A QUICK RELEASE COUPLINGS....419
ISOLATOR VALVES....540

**J**
JC00-01 DOUBLE ACTING HOUSING....132
JIC 37˚ FJX....472
JIC 37˚ FJX....493
JIC 37˚ FJX45S....473
JIC 37˚ FJX45S....494
JIC 37˚ FJX90L....495
JIC 37˚ FJX90M....495
JIC 37˚ FJX90S....473
JIC 37˚ FJX90S....494
JIC 37˚ MJ....496
JIC 37° FJX90L....474
JIC 37° FJX90M....474
JIC 37° MJ....475
JIC MALE X BSP SWIVEL FEMALE....443
JIC MALE X JIC MALE....437
JIC MALE X JIC MALE 90° FORGED COMPACT ELBOW....455
JIC MALE X JIC MALE BULKHEAD WITH LOCKNUT....438
JIC MALE X JIC MALE X JIC SWIVEL FEMALE BRANCH FORGED TEE....450
JIC MALE X JIC MALE X UNF MALE POSITIONAL TEE....449
JIC MALE X JIC SWIVEL FEMALE....442
JIC MALE X JIC SWIVEL FEMALE 45° FORGED COMPACT ELBOW....457
JIC MALE X JIC SWIVEL FEMALE 90° COMPACT ELBOW....460
JIC MALE X JIC SWIVEL FEMALE 90° FORGED COMPACT ELBOW....457
JIC MALE X JIC SWIVEL FEMALE X JIC MALE BRANCH FORGED TEE....450
JIC MALE X JIC SWIVEL FEMALE X JIC MALE BRANCH TEE....452
JIC MALE X UNF MALE 90° POSITIONAL FORGED ELBOW....455
JIC MALE X UNF POSITIONAL MALE X JIC MALE TEE....450
JIC SOLID PLUG....463
JIC SWIVEL BLANKING CAP....464
JIS FJISX....475
JIS FKX....476

**K**
KMF METAL FILLER PLUG WITH FILTER....409
KNURLED OIL FILL PLUG....408
KNURLED OIL FILL PLUG WITH BREATHER HOLE....408
KOMPASS DIRECTIONAL CONTROL VALVES....114
KOMPASS HAND OPERATED DIRECTIONAL CONTROL VALVES....89
KOMPASS MANIFOLDS FOR CETOP VALVES....94
KOMPASS PRESSURE REDUCING VALVES....115
KOMPASS PUMPS....237
KOMPASS RELIEF VALVES....113
KOMPASS SUBPLATES FOR CETOP VALVES104, 106, 109, 113

**L**
LEVEL DIPSTICK ON INCLINED FLANGE....547
LEVEL GAUGES INDICATOR....396, 518
LEVEL INDICATOR UNIT WITH BREATHER PLUG....518
LEVEL INDICATOR WITH BREATHER....518
LEVEL SWITCHES....399
LEVER OPERATED DIVERTER VALVES 'DF' SERIES....29, 71
LEVER OPERATED TRANSFER PUMP....415
LGF68 - FLANGED LEVEL INDICATOR WITH FLOAT SYSTEM....523
LIGHT RELIEF VALVES....49, 94
LOCKABLE CLEANABLE FILLER BREATHER....404
LOCKABLE FILLER BREATHER....404
LOG SPLITTER KITS....294
LONCIN 13 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP....186
LONCIN 13 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW....189
LONCIN 4 STROKE PETROL ENGINES....178
LONCIN 5.5 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP....185
LONCIN 5.5 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW....187
LONCIN 9 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP....185
LONCIN 9 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW....188
LONCIN PETROL ENGINE DRIVEN POWER PACK....148, 152, 154
LONCIN PETROL POWER UNIT RECOIL START....137
LONCIN PETROL POWER UNIT RECOIL START WITH LEVER VALVE....140
LSB - OIL LEVEL INDICATOR....406
LSF - LEVEL INDICATOR WITH BREATHER....522

**M**
M&S HYDRAULIC MOTORS....213
M+S HYDRAULIC MOTOR SERIES EPM....215
M+S HYDRAULIC MOTOR SERIES EPMM....214
M+S HYDRAULIC MOTOR SERIES EPMS....218
M+S HYDRAULIC MOTOR SERIES EPMT....219
M+S HYDRAULIC MOTOR SERIES EPMV....220
M+S HYDRAULIC MOTOR SERIES EPRM....216
MAGNETIC DRAIN PLUG....509
MAGNETIC DRAIN PLUG WITH MILLED HEAD....509
MAGNETIC FILTER ROD....510
MAGNETIC FILTER WITH DIPSTICK AND BREATHER....510
MAGNETIC OIL - DRAIN PLUG WITH HEX SLOT....508
MAGNETIC PLUGS....508
MALE CHECK VALVES....59, 104
MALE X FIXED FEMALE & FIXED FEMALE/FEMALE ADAPTORS....445
MALE X MALE ADAPTORS....426
MALE X SWIVEL FEMALE ADAPTORS....440
MANIFOLD....102
MANUAL EMERGENCY VALVE....78
MARKING MACHINE....489
MC 1001....486
MC X 20....486
MCX 25....487
MCX 30....487
MCX 50....487
MECHANICAL CLUTCHES....299
MECHANICAL DRIVE END STROKE VALVE, NORMALLY CLOSED....77
MECHANICAL FLOW METERS....417
MEDIUM PRESSURE FILTERS....379
MEGACRIMP® INSERTION TOOL....489
MEGACRIMP® VERNIER CALIPER....489
METRIC MALE 1.5MM PITCH X BSP MALE....435
METRIC MALE 1.5MM PITCH X JIC MALE....436
METRIC MALE 1MM PITCH X BSP MALE....436
METRIC MSP....485
MINI-FLOW HYDRAULIC POWER PACK....164
MINTOR ACCESSORIES FOR HYDRAULIC COMPONENTS....501
MKX 25....488
MKX 30....488
MKX 50....488
MOBILE ENGINE DRIVEN HYDRAULIC POWER UNITS ON WHEELS....136
MONOBLOCK CONTROL VALVE C/W FLOW CONTROL....25, 69, 115
MONOBLOCK DIRECTIONAL CONTROL VALVES....30, 72
MONOBLOCK DIRECTIONAL CONTROL VALVES TYPE HDM....14, 60, 63, 106, 110
MOTOR (WITH RELAY)....132
MOTOR MOUNTED, LEVER OPERATED DIRECTIONAL CONTROL VALVES C/W 3 POSITION DETENT KIT....223
MOTOR MOUNTED, LEVER OPERATED DIRECTIONAL CONTROL VALVES C/W 3 POSITION DETENT KIT A ND INTEGRAL RELIEF VALVE....223
MOTOR PUMP SETS 240V AND 415V....256
MULTIPLE GEAR PUMPS....230
MULTIPLE TANDEM/TRIPLE HYDRAULIC PUMP KITS....234

**N**
NO-SKIVE FERRULES....491
NORMALLY CLOSED SOLENOID VALVES....116
NPTF MALE X BSP MALE....432
NPTF MALE X JIC MALE....434
NPTF MALE X NPTF FIXED FEMALE 90° COMPACT ELBOW....460
NPTF MALE X NPTF FIXED FEMALE BUSH....446
NPTF MALE X NPTF MALE....431
NPTF MP....500
NPTF SOLID PLUG....462

**O**
OBLÒ - INSPECTION PORTHOLE OR LIQUID-LEVEL Ø 100....516
OBLÒ - INSPECTION PORTHOLE OR LIQUID-LEVEL Ø 148....517
OIL DRAIN PLUG....407
OIL FILL PLUG WITH BREATHER HOLE....407
OIL FILL PLUGS....407
OIL FILLING PLUG AND BREATHER....408
OIL LEVEL GAUGES....525
OIL LEVEL INDICATOR IN TRANSPARENT THERMO PLASTIC525
OIL LEVEL SIGHT GLASS (PLASTIC)....405
OIL LEVEL SIGHT GLASSES (METAL)....405
OIL TANKS....344
OIL SUMPS FOR ALUMINIUM TANKS....353
ORFS MALE X BSP MALE 90° POSITIONAL FORGED ELBOW....454
ORFS MALE X ORFS MALE....427
ORFS MALE X ORFS MALE BULKHEAD ONLY....427
ORFS MALE X ORFS MALE X UNF MALE POSITIONAL TEE....448
ORFS MALE X ORFS SWIVEL FEMALE....444
ORFS MALE X ORFS SWIVEL FEMALE 45° FORGED COMPACT ELBOW....456
ORFS MALE X ORFS SWIVEL FEMALE 90 FORGED COMPACT ELBOW....456
ORFS MALE X ORFS SWIVEL FEMALE X ORFS MALE TEE....452
ORFS MALE X UNF MALE X ORFS MALE TEE....449
OVERCENTRE VALVES....43
OVERCENTRE VALVES....79
OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMP/OMR....47, 90, 224
OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMS....48, 91, 225

**P**
PETROL + DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KITS....248
PETROL AND DIESEL POWER PACKS....177
PETROL ENGINE BELL HOUSING AND DRIVE COUPLING KITS....245
PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP SETS....184
PETROL ENGINE DRIVEN HYDRAULIC HI-LOW GEAR PUMP SETS....186
PETROL ENGINE DRIVEN POWER PACKS....148, 152, 154
PILOT OPERATED RELIEF VALVE....113
PL - VERTICAL LEVEL INDICATOR....525
PLASTIC 8.0 LITRE TANK....133
PLE - VERTICAL LEVEL INDICATOR WITH ELECTRICAL CONTACT....526
PLOUGH OVERTURNING VALVES....79
PLT - VERTICAL LEVEL INDICATOR WITH THERMOMETER....525
PLUGS....405
PLUGS ON INCLINED FLANGE....532
PLUGS, CAPS & CRIMP NUTS....461
PM 6-12-25-45 BYB-S SINGLE ACTING HANDPUMPS....261
PMD 6-12-25-45 BYB-S DOUBLE ACTING HANDPUMPS....261
PMDVB 6-12-25-45 BYAB-S DOUBLE ACTING HANDPUMPS....262
PMO50 BYBS 50CM³ DOUBLE ACTING HANDPUMP FOR SINGLE ACTING CIRCUITS....260
PMO50S 50CM³ SINGLE ACTING HANDPUMP....258
PMO70 BYBS 70CM³ DOUBLE ACTING HANDPUMP FOR SINGLE ACTING CIRCUITS....260
PMO70S 70CM³ SINGLE ACTING HANDPUMP....259
PMP20 BYBS 20CM³ SINGLE ACTING HANDPUMP....259
PMP20S 20CM³ SINGLE ACTING HANDPUMP....258
PMP25E SINGLE ACTING HANDPUMPS....262
PNEUMATIC SPECIFICATION 40MM BASE ENTRY PRESSURE GAUGE....535
PNEUMATIC SPECIFICATION 40MM REAR ENTRY PRESSURE GAUGE....535
PNEUMATIC SPECIFICATION 50MM BASE ENTRY PRESSURE GAUGE....536
PNEUMATIC SPECIFICATION 50MM REAR ENTRY PRESSURE GAUGE....535
PO CHECKS....36
POWER AMPLIFIERS FOR PROPORTIONAL VALVES....118
POWER PACKS AND POWER UNITS....119
POWERPACK TRAILER KITS....273
POWERUNIT BUILD YOUR OWN....142
POWERWASH PWSP....485
PPSE15 BYB SINGLE ACTING HANDPUMPS....263
PRESSURE FILTERS....379, 382
PRESSURE GAUGE COVERS....536
PRESSURE GAUGE SWIVEL ADAPTORS....540
PRESSURE GAUGES....534
PRESSURE REDUCING VALVE, DIRECT ACTING POPPET....58
PRESSURE REDUCING VALVE, DIRECT ACTING POPPET....103
PRESSURISED BREATHER....404
PRS/F - EXTENSION FOR OIL WITH BREATHER....508
PTO GEAR BOXES WITH GROUP 3 PUMPS....313
PTO GEARBOXES....307
PUMP BEARING SUPPORTS....314
PUMPS AND MOTORS ELBOW CONNECTORS....234
PUMPS GROUP 1....231
PUMPS GROUP 2....232
PUMPS GROUP 3....233
PUSH IN FILLER BREATHER....411
PUSH-BUTTON GAUGE ISOLATOR VALVES....79
PUSHBUTTON END STROKE VALVES, NORMALLY CLOSED ..76
PUSHBUTTON END STROKE VALVES, NORMALLY OPENED ..76

**Q**
QRC'S....418
QUICK RELEASE COUPLINGS....418

**R**
R2A FERRULES....465
R2T FERRULES FOR NON-SKIVED R2T HOSE....465
READY BUILT IN STOCK SINGLE ACTING POWERUNIT....149
REGENERATIVE VALVE....70
RELIEF VALVES....48, 50, 91, 94
RETURN FILTERS....368
RETURN LINE SPIN-ON FA1....368
REVERSIBLE HYDRAULIC MECHANICAL CLUTCH AND PUMP ASSEMBLIES....305
RHK-TH-TUBE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT....364
RHK-TUBE SCREWED-IN HEATERS....364
ROTARY HYDRAULIC OPERATED LEVER VALVES....22, 69, 114
ROTARY VANE TYPE....415
ROTATING COUPLINGS....78
RUBBER PROTECTIVE GAUGE COVERS....536

**S**

SAE '0' RING BOSS MALE LESS '0' RING X BSP MALE ..... 438
SAE '0' RING BOSS MALE LESS '0' RING X JIC MALE ..... 439
SAE 45° FSX ..... 479
SAE FFORX ..... 476
SAE FFORX45S ..... 477
SAE FFORX905 ..... 478
SAE FFORX90L ..... 479
SAE FL ..... 480
SAE O RING BOSS MALE SOLID PLUG ..... 463
SAL FFORX90M ..... 478
SD25 SLICE VALVE 1"PORTS MAX FLOW 240L/MIN C/W MAIN RELIEF VALVE AND MOUNTING FEET ..... 21, 68, 114
SDV06 6 WAY SOLENOID DIVERTERS ..... 84
SDV10 6 WAY SOLENOID DIVERTERS ..... 85
SDV3 3 WAY SOLENOID DIVERTERS ..... 83
SELF 3000 NOZZLES ..... 417
SEQUENCE VALVES ..... 69
SEQUENCE, COUNTER BALANCE AND UNLOADING ..... 115
SERIE FB - 1 AIR BREATHER FILTERS ..... 402
SERIE FL - FLUID LEVEL TEMPERATURE GAUGES ..... 396
SERIE FT FILLER BREATHER FILTERS ..... 402
SERIE NS 1 WITH 1 SWITCH CONTACT ..... 399
SERIE NS 1-TE WITH TEMPERATURE SWITCH ..... 401
SERIE NS 1-VR WITH VARIABLE SWITCH CONTACT ..... 401
SERIE NS 2 WITH 2 SWITCH CONTACTS ..... 400
SERIES 100 - SINGLE ACTING HYDRAULIC CYLINDER ..... 276
SERIES 200 – DOUBLE ACTING HYDRAULIC CYLINDER ..... 278
SERIES 300 - DOUBLE ACTING HYDRAULIC CYLINDER (NO ENDS) ..... 282
SERIES 30100 MECHANICAL CLUTCH GROUP 1 AND GROUP 2 • 30KW ..... 300
SERIES 30300 MECHANICAL CLUTCH GROUP 2 AND GROUP 3 • 40KW ..... 301
SERIES 30500 MECHANICAL CLUTCH GROUP 3.5 AND GROUP 4 • 60KW ..... 302
SERIES 400 - DOUBLE ACTING HYDRAULIC CYLINDER ..... 284
SERIES 590 - TURN-OVER PLOUGH CYLINDER ..... 286
SERIES 600 - STANDARD HYDRAULIC TOP LINK ..... 287
SERIES 60000 PTO GEARBOX PUMP GROUP 2 • 10KW ..... 308
SERIES 610 - HYDRAULIC TOP LINK (FIXED) ..... 288
SERIES 620 - HYDRAULIC TOP LINK (RAPID HOOK) ..... 289
SERIES 630 - HYDRAULIC TOP LINK (RAPID HOOK) ..... 290
SERIES 700 - BRAKE CYLINDER (SINGLE ACTING) ..... 291
SERIES 70000 PTO GEARBOX PUMP GROUP 3 • 20KW ..... 309
SERIES 70012 CAST IRON PTO GEARBOX PUMP GROUP 3 • 37KW ..... 310
SERIES 710 - BRAKE CYLINDER (SINGLE ACTING) ..... 291
SERIES ALUMINIUM HOUSING SINGLE-PHASE 110V MULTI-MOUNT ASYNCHRONOUS MOTOR-DUAL CAPACITORS ..... 251
SERIES ALUMINIUM HOUSING SINGLE-PHASE 230V MULTI-MOUNT ASYNCHRONOUS MOTOR-DUAL CAPACITORS ..... 252
SERIES ALUMINIUM HOUSING THREE-PHASE MULTI-MOUNT ASYNCHRONOUS MOTOR ..... 253
SERIES UP100 HYDRAULIC POWER PACKS ..... 142
SHUTTLE VALVES ..... 62
SIGHT GLASSES ..... 405
SIGHT GLASSES, PLUGS AND BREATHERS ..... 405
SINGLE ACTING HANDPUMP ..... 258
SINGLE ACTING HANDPUMP AND CYLINDER KITS ..... 272
SINGLE ACTING HANDPUMP ASSEMBLIES ..... 265
SINGLE ACTING HYDRAULIC POWERUNIT PACKAGE ..... 149
SINGLE ACTING HYDRAULIC CIRCUIT POWER PACKS ..... 149
SINGLE ACTING HYDRAULIC CYLINDER ..... 276
SINGLE ACTING PLOUGH OVERTURNING VALVES ..... 79
SINGLE ACTING SPOOL TYPE 'G' ..... 13
SINGLE OVER CENTRE VALVES ..... 43, 79
SINGLE OVER CENTRE VALVES, 3 WAYS ..... 46, 86
SINGLE OVERCENTRE VALVE FLANGEABLE, CLOSED CENTRE ..... 44, 81
SINGLE OVERCENTRE VALVE FOR CLOSED CENTRE, TYPE A ..... 47, 90
SINGLE OVERCENTRE VALVES FLANEABLE BY SCREW ..... 45, 84
SINGLE OVERCENTRE VALVES FLANGEABLE ..... 44, 81
SINGLE OVERCENTRE VALVES FOR CLOSED CENTRE ..... 46, 88
SINGLE OVERCENTRE VALVES TYPE A ..... 43, 80
SINGLE PILOT OPERATED CHECK VALVE ..... 40, 77
SINGLE PILOT OPERATED CHECK VALVES WITH MANUAL SHUT-OFF ..... 42
SINGLE PILOT OPERATED CHECK VALVES FLANGEABLE ..... 41, 79
SINGLE PILOT OPERATED CHECK VALVES FLANGEABLE ..... 41, 79
SINGLE PILOT OPERATED CHECK VALVES FOR 12MM PIPE MOUNTING (DIN 2353) ..... 40
SINGLE PILOT OPERATED CHECK VALVES FOR 12MM PIPE MOUNTING (DIN 2353) ..... 78
SINGLE PILOT OPERATED CHECK VALVES TYPE A ..... 41, 78
SINGLE PILOT OPERATED CHECK VALVES WITH MANUAL SHUT-OFF ..... 42, 79
SINGLE PILOT OPERATED CHECK VALVES, HIGH PILOT ..... 41, 78
SLICE DIRECTIONAL CONTROL VALVES TYPE HDS ..... 18, 62, 67, 108, 112
SLNT - THREADED OIL LEVEL INDICATORS WITH CONTRAST SCREEN FOR CLEARER INDICATION OF THE OIL LEVEL ..... 405
SNUBBER COVERS ..... 536
SOLENOID CONTROLED RELIEF VALVE ..... 114
SOLENOID DIVERTER VALVES ..... 28, 70, 82, 116
SPEED REDUCTION GEARBOXES ..... 318
SPIN-ON AIR BREATHER ..... 402
SPLINED BARS SERIES 14000 ..... 343
SPLINED COUPLINGS ..... 339
SPLINED COUPLINGS SERIES 10000 ..... 340
SPLINED COUPLINGS SERIES 15000 ..... 341
SPLINED COUPLINGS SERIES 34100 ..... 342
SPLINED HALF COUPLINGS 34200 - 34300 34400-35500 ..... 342
SPLINED SLEEVES ..... 341
SPLINED SLEEVES SERIES 10200-10300-10400 ..... 342
SS SERIES 304 STAINLESS STEEL TANK ..... 359
STEEL & STAINLESS STEEL OIL TANKS ..... 358
STEEL OIL TANKS FOR HANDPUMPS ..... 264
STEEL FLOW DIVIDERS ..... 69
STEEL HYDRAULIC THREADED AIR BREATHERS ..... 402
STRAIGHT LEVERS FOR HAND PUMPS ..... 263
SUCTION FILTERS ..... 376
SUCTION LINE FILTERS ..... 376
SUCTION LINE SPIN-ON FILTER FA-1 ..... 376
SUCTION SPIN-ON FILTERS ..... 376
SUCTION STRAINERS ..... 377
SUCTION STRAINERS FS-1 ..... 377
SUPER DELUXE PORTABLE FILTRATION UNIT ..... 413
SWEPTS, PUSH-INS, HOSE-TAILS & FERRULES ..... 464
SWIVEL FEMALE X SWIVEL FEMALE ADAPTORS ..... 444

**T**

TANDEM GEAR PUMPS ..... 230
TANK HEATERS ..... 360, 361
TANK MOUNTED SUCTION STRAINERS ..... 378
TANK TOP MOUNTED RETURN LINE ..... 369
TANK TOP RETURN FILTER FCR-7 ..... 373
TANK TOP RETURN FILTER FR-1 ..... 370
TANK TOP RETURN FILTER FR-8 ..... 372
TANK TOP RETURN FILTERS ..... 369
TANK TOP RETURN SPIN-ON FILTERS FA-2 ..... 369
TANK TOP SUCTION FILTERS FS-7 ..... 378
TANK TRANSFER UNITS ..... 416
TC - FILLING PLUG ..... 512
TC - FILLING PLUG ..... 512
TC/F - FILLING PLUG ..... 513
TC/Z - FILLING PLUG ..... 511
TC/ZLG - VISUAL LEVEL INDICATOR WITH FLOAT SYSTEM ..... 523
TCAR - FILLING PLUG ..... 528
TCAR/LC - FILLING PLUG WITH LOCK-HOLDER ..... 529
TCARF - FILLING PLUG WITH THREADED MOUNT ..... 529
TCARI - INCLINED FILLING PLUG ..... 533
TCARS - FILLING PLUG WITH FLANGE TO BE WELDED ..... 528
TCAS HEX PLUG WITH DIPSTICK AND BREATHER HOLE ..... 409
TCE - DRAIN FILLING PLUG WITH HEX SLOT ..... 511
TCEM - MAGNETIC OIL DRAIN PLUG WITH HEX SLOT ..... 508
TCF - FILLING PLUG WITH BREATHER ..... 502
TCF/F - FILLING PLUG WITH BREATHER AND MILLED HEAD ..... 503
TCF/Z - FILLING PLUG WITH BREATHER ..... 502
TCFS - FILLING PLUG AND BREATHER ..... 503
TCI - FILLING PLUGS ON INCLINED FLANGE ..... 532
TCLA - FILLING PLUG WITH DIPSTICK ..... 518
TCLA/Z - FILLING PLUG WITH DIPSTICK ..... 519
TCLS - FILLING PLUG WITH DIPSTICK AND BREATHER HOLE ..... 520
TCLS/Z - FILLING PLUG WITH DIPSTICK AND BREATHER ..... 519
TCN - OIL FILL PLUGS ..... 407
TCNB LOW PROFILE PLUGS ..... 406
TCNS - OIL FILL PLUG WITH BREATHER HOLE ..... 407
TCSA - OIL FILL PLUG WITH BREATHER AND VANE ..... 408
TCSF - OIL FILL PLUG WITH BREATHER, VANE AND FILTER ..... 408
TCSF/Z - FILLING PLUG AND BREATHER ..... 504
TCZ - KNURLED OIL FILL PLUG ..... 408
TCZS - KNURLED OIL FILL PLUG WITH BREATHER HOLE ..... 408
TEES & CROSS ADAPTORS ..... 448
TFE/Z - FEMALE THREADED PLUG ..... 526
TFES - FEMALE THREADED PLUG WITH BREATHER ..... 526
TFES/Z - FEMALE THREADED PLUG WITH BREATHER ..... 527
TFES/ZA - PLUG WITH FEMALE THREAD, BREATHER AND DIPSTICK ..... 527
TFES/ZF - FEMALE THREADED PLUG WITH BREATHER ..... 527
TFS - BREATHER PLUGS ON INCLINED FLANGE ..... 532
THREADED OIL LEVEL INDICATORS ..... 405
TLA - VISUAL LEVEL INDICATOR ..... 514
TLA XP - VISUAL LEVEL INDICATOR IN STEEL WITH GLASS FOR HIGH PRESSURE ..... 516
TLA/F - VISUAL LEVEL INDICATOR WITH MILLED HEAD ..... 515
TLAX - VISUAL LEVEL INDICATOR WITH GLASS ..... 515
TLP - VISUAL LEVEL INDICATOR NON-THREADED ..... 514
TM DRAIN PLUG WITH MAGNET ..... 409
TMA ALUMINIUM DRAIN PLUG WITH MAGNET ..... 407
TMD - FILLER BREATHER WITH DOUBLE BREATHER HOLE ..... 410
TMDA FILLER BREATHER WITH LARGE BREATHER HOLE AND DIPSTICK ..... 410
TMDF - FILLER BREATHER WITH DOUBLE BREATHER HOLE AND FILTER ..... 410
TMDFA FILLER BREATHER WITH LARGE BREATHER HOLE, DIPSTICK AND FILTER ..... 410
TMV - BREATHER PLUG ..... 504
TOOLS ..... 489
TOP QUALITY • TOP OF THE RANGE DIN24339 HEAVY DUTY • HIGH SPECIFICATION TANKS ..... 359
TPF - PRESS-FIT FILLER BREATHER WITH LARGE BREATHER HOLE AND FILTER ..... 411
TRAILER KITS ..... 271
TRBF - HERMETIC FILLING PLUG ..... 530
TRBF/LG - VISUAL LEVEL INDICATOR WITH FLOAT SYSTEM ..... 522
TRBF/ZK - HERMETIC FILLING PLUG WITH KEY LOCK ..... 531
TRBFS - FILLING PLUG WITH BREATHER ..... 530
TRBFS/A - FILLING PLUG WITH BREATHER ..... 531
TRBFSC- FILLING PLUG WITH BREATHER AND LOCK-HOLDER ..... 530
TRTCSF/Z - BREATHER AND FILLING PLUG ..... 531
TSC/F - DRAIN PLUG ..... 513
TSCM - MAGNETIC DRAIN PLUG ..... 509
TSCM/F - MAGNETIC DRAIN PLUG WITH MILLED HEAD ..... 509
TSF - OIL FILLING PLUG WITH BREATHER ..... 506
TSF NEW VENT PLUG TO REDUCE OIL OIL DAMP ESCAPE ..... 411
TSFA - OIL FILLING PLUG AND BREATHER ..... 506
TSFO/R - BREATHER PLUG ..... 505
TSFT/N - OIL FILLING PLUG AND BREATHER ..... 507
TSN - OIL DRAIN PLUG ..... 407
TSS - BREATHER PLUG WITH VALVE ..... 507
TSVV - BREATHER PLUG WITH DOUBLE VALVE ..... 505
TURN-OVER PLOUGH CYLINDER ..... 286
TWO PUMP "HI-LOW" UNLOADING VALVES FLANGEABLE (BASE NG6-NG10 AND NG16 ..... 71
TWO PUMP "HI-LOW" UNLOADING VALVES ..... 71
TWO STAGE HI-LOW GEAR PUMP SETS ..... 242
TYPICAL LAYOUT OF UP100 POWERUNIT ..... 142

**U**

UNLOADING RELIEF VALVE ..... 114
UP100 POWERUNIT BUILD YOUR OWN ..... 143
UP100 READY BUILT IN STOCK ..... 147
UP100 READY BUILT IN STOCK DOUBLE ACTING CIRCUIT ..... 152
UP50 MINI-FLOW HYDRAULIC POWER PACK ..... 164

**V**

VARIABLE DISPLACEMENT PISTON PUMPS 250-350 BAR ..... 238
VARIABLE DISPLACEMENT SINGLE VANE PUMP ..... 238
VERTICAL LEVEL INDICATOR ..... 524
VERTICAL LEVEL INDICATOR WITH DOUBLE ELECTRICAL CONTACT ..... 525
VERTICAL LEVEL INDICATOR WITH DOUBLE THREAD ..... 524
VERTICAL LEVEL INDICATOR WITH DOUBLE THREAD, ..... 524
VERTICAL LEVEL INDICATOR WITH ELECTRICAL CONTACT ..... 525
VERTICAL LEVEL INDICATOR WITH SINGLE THREAD ..... 524
VERTICAL LEVEL INDICATOR WITH THERMOMETER ..... 525
VISCOMAT OIL TRANSFER PUMPS ..... 414
VISUAL LEVEL INDICATOR NON-THREADED ..... 514
VISUAL LEVEL INDICATOR WITH GLASS ..... 515
VISUAL LEVEL INDICATOR WITH MILLED HEAD ..... 515
VISUAL LEVEL INDICATORS ..... 514
VISUAL LEVEL INDICATORS WITH FLOAT SYSTEM ..... 522
VR IMMERSION HEATERS ..... 361
VR IMMERSION HEATERS WITH MAGNETIC CLAMPS ..... 361

**W**

WELD ON FILLER BREATHER ..... 528
WHITE DRIVE MOTORS ..... 206
WHITES DT SERIES HYDRAULIC MOTOR ..... 211
WHITES RE SERIES HYDRAULIC MOTOR ..... 211
WHITES WM SERIES HYDRAULIC MOTOR 8, 4CC 16MM SHAFT G 3/8" REAR PORTS, 3 HOLE ROUND MOUNT ..... 207
WHITES WM SERIES HYDRAULIC MOTOR 8,4CC 16MM SHAFT G 3/8" SIDE PORTS, 3 HOLE ROUND MOUNT ..... 208
WHITES WP SERIES HYDRAULIC MOTOR 25CC 25MM SHAFT 2-HOLE SAE A MOUNT C/W 1/2" OFFSET MANIFOLD PORTS ..... 209
WHITES WR SERIES HYDRAULIC MOTOR 40CC 25MM SHAFT 2-HOLE SAE A MOUNT C/W 1/2" OFFSET MANIFOLD PORTS ..... 210
WHITES WS SERIES HYDRAULIC MOTOR ..... 211
WIRING DIAGRAMS ..... 251

# FLOWFIT®

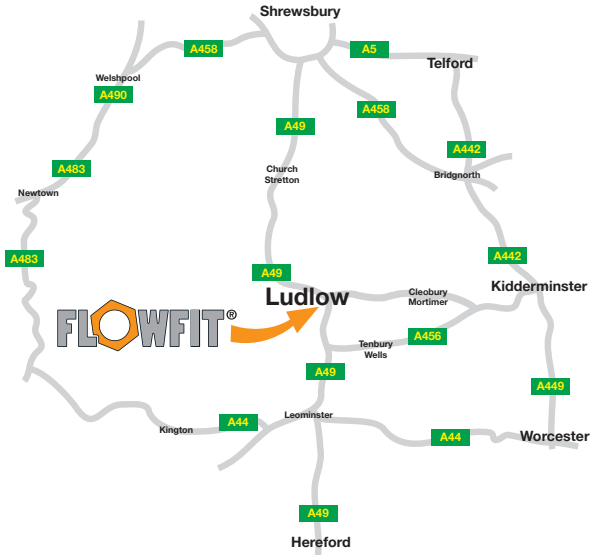
## ORDERING FROM US IS EASY...

### CALL:
**01584 876033**
MON–THURS 8:30AM–5:00PM
FRI 8:00AM–4:00PM
SAT 8:00AM–12:30PM

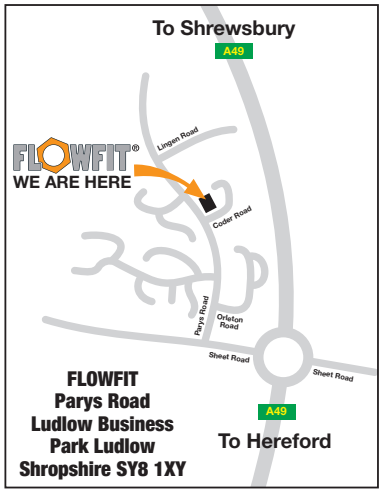
### CLICK:
**www.flowfitonline.com**
24 HOURS A DAY
7 DAYS A WEEK

### VISIT:
**Shop open 6 Days a week**
MON–THURS 8:30AM–5:00PM
FRI 8:00AM–4:00PM
SAT 8:00AM–12:30PM




## HOW TO FIND US




Harrier Fluid Power Ltd T/A Flowfit, Parys Road, Ludlow Business Park, Ludlow, Shropshire SY8 1XY
Telephone: +44 (0)1584 876 033 Fax: +44 (0)1584 876 044 Email: sales@flowfitonline.com

Every effort has been made to ensure that the information in this catalogue is correct.
However, we reserve the right to introduce changes without prior notice.
This catalogue supersedes all previous catalogues.

ISO 9001 REGISTERED FIRM

**www.flowfitonline.com**

HYDRAULIC VALVES
HYDRAULIC POWER UNITS
PETROL AND DIESEL POWER PACKS
HYDRAULIC MOTORS
GEAR PUMPS, BELL HOUSING AND ELECTIC MOTORS
HYDRAULIC CYLINDERS
LOG SPLITTER KITS
CLUTCHES AND GEARBOXES
SPLINED COUPLINGS
HYDRAULIC TANKS
FILTREC FILTERS
FLUID TRANSFER
HYDRAULIC QUICK RELEASE COUPLINGS
HYDRAULIC ADAPTORS
GATES HYDRAULIC HOSE
HYDRAULIC COMPONENTS
PRESSURE GAUGES