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2021  
CATALOGUE



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HYDRAULIC COMPONENTS & SYSTEMS

**Everything Hydraulic**



HYDRAULIC VALVES  
HYDRAULIC POWER UNITS  
PETROL AND DIESEL POWER PACKS  
HYDRAULIC MOTORS  
GEAR PUMPS  
BELL HOUSINGS & DRIVE COUPLINGS  
ELECTRIC MOTORS  
HYDRAULIC CYLINDERS  
LOG SPLITTER KITS  
CLUTCHES AND GEARBOXES  
HYDRAULIC TANKS  
HYDRAULIC HOSE CRIMPING MACHINES  
HYDRAULIC FILTERS  
FLUID TRANSFER  
QUICK RELEASE COUPLINGS  
HYDRAULIC ADAPTORS  
HYDRAULIC HOSE & FITTINGS  
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Thank you for your continued support and we hope you enjoy our latest new catalogue.

With warmest thanks

*Simon Parsonage*

CHIEF EXECUTIVE  
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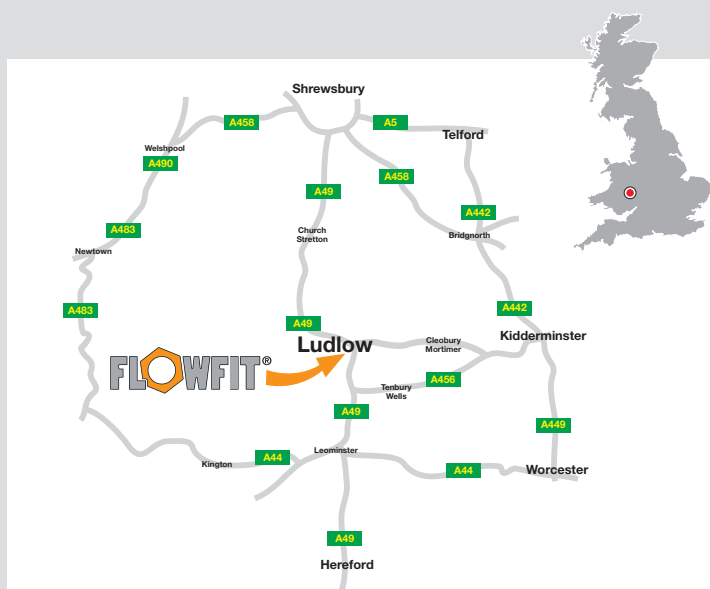


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FLOWFIT HYDRAULIC OIL, ISO 68	713	FLOWFIT TRAFFIC FILM REMOVER	714
FLOWFIT HEAVY DUTY ENGINE 15W40 OIL	713	FLOWFIT ANTI FREEZE	714

## SECTION 20 INDUSTRIAL CLEANING SUPPLIES

### INDUSTRIAL CLEANING SUPPLIES • 715

PRODUCT	PAGE	PRODUCT	PAGE
SPILL KITS	716	STANDARD DIMPLE ROLL	717
SPILL GRANULES	717	SPILL ABSORBENT SOCK	718
ECO-SUSTAINABLE ABSORBENT COMPOUND	717	SUPERIOR OIL-ONLY SOCK	718
STANDARD DIMPLE PAD	717		

## SECTION 21 INDEX

# HYDRAULIC DIRECTIONAL CONTROL VALVES



**FLOWFIT®**



**BUCHER**  
hydraulics

PRODUCT	PAGE
FLOWFIT MONOBLOCK DIRECTIONAL CONTROL VALVES	13
GALTECH MONOBLOCK DIRECTIONAL CONTROL VALVES	28
BUCHER MONOBLOCK DIRECTIONAL CONTROL VALVES	87
SOLENOID DIVERTER VALVES	118
LEVER OPERATED DIVERTER VALVES	119



**QUALITY PRODUCTS**



**FREE ADVICE**





## MONOBLOCK DIRECTIONAL CONTROL VALVE



The Flowfit range of Monoblock Valves are simple, compact and heavy duty designed varying up to 1 to 6 sections for open and closed centre hydraulic systems.

The valves are available with parallel or series circuit.

A wide variety of service port valve options.

The applications for these Flowfit Monoblock Valves are commonly used for wood splitters, tractors, farm equipments, small fishing vessels, earth moving machines, lifting equipments, aerial platforms, boom cranes.

**SPOOL OPTIONS:** Double acting, Single Acting, Motor spool and Float spool

**LEVER/CONTROL OPTIONS:** Cable Control, Joystick, Pilot Operation, Pneumatic Operation, Electro Over Pneumatic, Direct Acting, Electro- Hydraulic, Cross rod kit

**SPRING CAP OPTIONS:** Spring return to centre, 1 pos Detent, 3 pos Detent

**EXTRAS:** Service port reliefs, High pressure carry-over, Electric dump valve



Please note valves will be supplied in original natural cast iron state and not painted yellow and black.

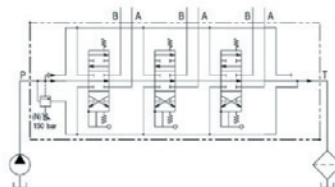
TECHNICAL DATA	GM08	GM10	GM10 90L	GM16
Number of Spools	1-6	1-6	1-6	1-3
Flow Rate	45 L/Min	45 L/Min	90 L/Min	160 L/Min
Max Operating Pressure	315 Bar	315 Bar	315 Bar	250 Bar
Fluid	Mineral Based Oil			
Operating Temperature	-20° to +80°			
Viscosity- Operating Range	From 15 to 75 mm2/s			

TECHNICAL DATA	GM08	GM10	GM10 90L	GM16
Inlet P and Carry Over C	3/8" BSP	1/2" BSP	1/2" BSP	3/4" BSP
Ports A and B	3/8" BSP	1/2" BSP	1/2" BSP	3/4" BSP
Outlet T	3/8" BSP	3/4" BSP	3/4" BSP	1" BSP



### 3/8" MONOBLOCK CONTROL VALVES, 45 L/MIN

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**DCV23**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ011699	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return, Lever Operated Hydraulic Monoblock Valve	300	£35.12	€ 39.69
MANUFACTURING ORDER CODE: - SD4-OT-PTAG-G3/8-300BAR				
FLOWFIT 1 BANK, 3/8" BSP, 45 L/MIN DOUBLE ACTING MONOBLOCK VALVE X 5				
FF011699/5	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return, Lever Operated Hydraulic Monoblock Valve	300	£137.81	€ 155.73

## FM08 SERIES



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ002766	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return, Lever Operated Hydraulic Monoblock Valve	250	£35.12	€ 39.69

MANUFACTURING ORDER CODE: -  
45L FW08/1-P(X-100)/1CP8L/PSL1

## GM08 SERIES



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45100	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	315	£45.59	€ 51.52

MANUFACTURING ORDER CODE: -  
45L GM08/1-P(X-100)/18L/AET-PSL3

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45200	Flowfit 2 Bank, 3/8" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	315	£63.51	€ 71.77

MANUFACTURING ORDER CODE: -  
45L GM08/2-P(X-100)/18L/18L/AET-PSL2

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45300	Flowfit 3 Bank, 3/8" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	315	£93.79	€ 105.98

MANUFACTURING ORDER CODE: -  
45L GM08/3-P(X-100)/18L/18L/18L/AET-PSL2

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45400	Flowfit 4 Bank, 3/8" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve MANUFACTURING ORDER CODE: - 45L GM08/4-P(X-100) /18L/18L/18L/18L/AET-PSL2	315	£118.09	€ 133.45

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45500	Flowfit 5 Bank, 3/8" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve MANUFACTURING ORDER CODE: - 45L GM08/5-P(X-100) /18L/18L/18L/18L/18L/AET-PSL2	315	£143.44	€ 162.09

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45600	Flowfit 6 Bank, 3/8" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve MANUFACTURING ORDER CODE: - 45L GM08/6-P(X-100) /18L/18L/18L/18L/18L/18L/AET-PSL2	315	£174.52	€ 197.21

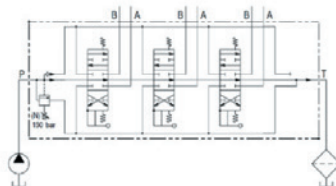
Please note valves will be supplied in original natural cast iron state and not painted yellow and black.

## FLOWFIT®

### 1/2" MONOBLOCK CONTROL VALVES, 45 L/MIN

#### GM10 SERIES

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**DCV23**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
35001	Flowfit 1 Bank, 1/2" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve, Without HPCO option	315	£41.67	€ 47.09

MANUFACTURING ORDER CODE: -  
45L FW10/1-P(X-100)/1CP8L/PSL3



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45101	Flowfit 1 Bank, 1/2" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	315	£49.32	€ 55.73

MANUFACTURING ORDER CODE: -  
45L GM10/1-P(X-100)/18L/AET-PSL3 45101



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45201	Flowfit 2 Bank, 1/2" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	315	£67.26	€ 76.01

MANUFACTURING ORDER CODE: -  
45L GM10/2-P(X-100)/18L/18L/AET-PSL3 45201



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45301	Flowfit 3 Bank, 1/2" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	315	£97.07	€ 109.69

MANUFACTURING ORDER CODE: -  
45L GM10/3-P(X-100)/18L/18L/AET-PSL3 45301



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45401	Flowfit 4 Bank, 1/2" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve <b>MANUFACTURING ORDER CODE: - 45L GM10/4-P(X-100)/18L/18L/18L/18L/AET-PSL3 45040043</b>	315	£121.76	€ 137.59



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45501	Flowfit 5 Bank, 1/2" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve <b>MANUFACTURING ORDER CODE: - 45L GM10/5-P(X-100) /18L/18L/18L/18L/18L/AET-PSL3 45516</b>	315	£147.11	€ 166.23



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
45601	Flowfit 6 Bank, 1/2" BSP, 45 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve <b>MANUFACTURING ORDER CODE: - 45L GM10/6-P(X-100) /18L/18L/18L/18L/18L/18L/AET-PSL3 45060042</b>	315	£178.50	€ 201.71

## GM08 & GM10 SPARES

### HANDLEVERS





PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30054989	Hydraulic Control Valve Hand Lever, M10 X 200mm, Black Knob, For GM08, GM10 & GT10 Series	£1.92	€ 2.17	ZZ003186	Flowfit Rocker Switch On/Off Detent 2 Position Handlever Microswitch for Solenoid Hydraulic Diverters, M10 Thread Type, 250mm Length	£75.12	€ 84.88
ZZ003185	Flowfit Push Button On/Off Handlever Microswitch for Solenoid Hydraulic Diverters, M10 Thread Type, 250mm Length	£67.52	€ 76.29				



## MAIN RELIEF VALVES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30054917	Type-X Direct Operated PRV for 45-50L	£17.81	€ 20.12	30054913	Type-V PRV Blanking Plug, O'Ring & Back-up Ring for 45-50L	£5.63	€ 6.36
							


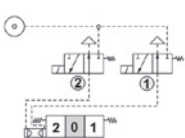



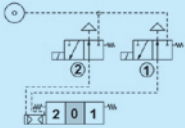

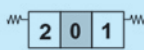



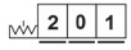
## SPOOLS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30013501	Type-1 Double Acting Spool for 45L GM	£15.34	€ 17.33	30013507	Type-3 Single Acting Spool for 45L GM	£16.35	€ 18.47
							
30013503	Type-2 Motor Acting Spool for 45L GM	£15.34	€ 17.33	30013508	Type-4 Single Acting Spool for 45L GM	£16.35	€ 18.47
							

## LEVER PIVOT BOXES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30055071	L Kit Standard Lever Box for 45L-50L	£6.13	€ 6.93	30024052	Cap (Spring Cap) 45L-50L	£2.55	€ 2.88
							

## POSITIONER KITS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30075420	 <p>Type-8EP3 Kit, 12V On/Off Electro Pneumatic Kit 45L-50L</p> 	£76.87	€ 86.86	30054944	 <p>Type-8 Kit with S.R.I.N.P Double Acting for 45L-50L</p> 	£13.13	€ 14.83
30075330	 <p>Type-8EP3 Kit, 24V On/Off Electro Pneumatic Kit 45L-50L</p> 	£76.87	€ 86.86	30054945	 <p>Type-8T Kit with S.R.I.N.P Single Acting for 45L-50L</p> 	£13.13	€ 14.83
30075329	 <p>Type-8P Kit, On/Off Pneumatic Kit 45L-50L</p> 	£33.75	€ 38.13	30056176	 <p>Type-11 Kit Detent in All Positions for 45L-50L</p> 	£16.87	€ 19.07

## TANK OUTLET AND PORT PLUGS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30054927	 <p>Type-AEK Carryover Closed Centre Fitting for 45L GM</p>	£7.50	€ 8.47	30054926	 <p>Type-AE1 Carryover Fitting 1/2" for 45L GM-GMB</p>	£8.44	€ 9.54
30056002	 <p>Type-AE Carryover Fitting 3/8" for 45L GM-GMB</p>	£7.13	€ 8.06	10590	 <p>1/2" BSP Red Plastic Protection Plug</p>	£0.25	€ 0.28

## CABLE CONTROL

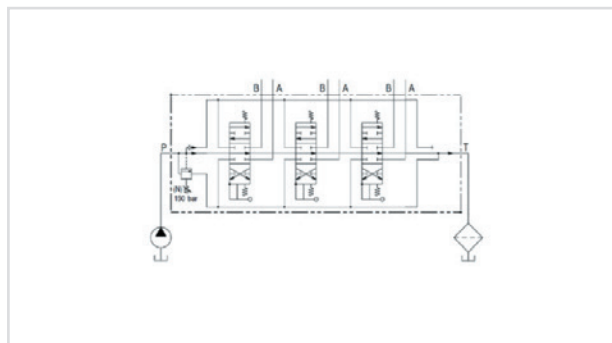
PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30075328	TQ Kit Flexible Cable Connection for 45L-50L	£14.61	€ 16.50	30055092	Type-CG Remote Control Cable, 2.5 Metre	£33.73	€ 38.11
30055086	Type-CG Remote Control Cable, 1 Metre	£24.73	€ 27.94	30055093	Type-CG Remote Control Cable, 3 Metres	£38.06	€ 43.01
30055088	Type-CG Remote Control Cable, 1.5 Metre	£26.97	€ 30.48	30055094	Type-CG Remote Control Cable, 3.5 Metres	£44.96	€ 50.81
30055090	Type-CG Remote Control Cable, 1.75 Metre	£28.13	€ 31.79	30055095	Type-CG Remote Control Cable, 4 Metres	£49.46	€ 55.88
30055091	Type-CG Remote Control Cable, 2 Metres	£29.22	€ 33.02	30056017	Type-JS100 Remote Control Lever Assembly	£40.88	€ 46.19



# 1/2" MONOBLOCK CONTROL VALVES, 90 L/MIN

## GM10 SERIES

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TECH. DATA SHEET  
**DCV24**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
90100	Flowfit 1 Bank, 1/2" BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve  MANUFACTURING ORDER CODE: - 90L GM10/1-P(X-100)/18L/AET-PSL4	315	£88.92	€ 100.48

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
90200	Flowfit 2 Bank, 1/2" BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve  MANUFACTURING ORDER CODE: - 90L GM10/2-P(X-100)/18L/18L/AET-PSL4	315	£108.53	€ 122.64

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
90300	Flowfit 3 Bank, 1/2" BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve  MANUFACTURING ORDER CODE: - 90L GM10/3-P(X-100)/18L/18L/18L/AET-PSL4	315	£149.28	€ 168.68

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
90400	Flowfit 4 Bank, 1/2" BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve  MANUFACTURING ORDER CODE: - 90L GM10/4-P(X-100)/18L/18L/18L/18L/AET-PSL4	315	£191.25	€ 216.11

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
90500	Flowfit 5 Bank, 1/2" BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve MANUFACTURING ORDER CODE: - 90L GM10/5-P(X-100) /18L/18L/18L/18L/18L/AET-PSL4	315	£234.29	€ 264.74

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
90600	Flowfit 6 Bank, 1/2" BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve MANUFACTURING ORDER CODE: - 90L GM10/6-P(X-100) /18L/18L/18L/18L/18L/AET-PSL4	315	£277.32	€ 313.37

Please note valves will be supplied in original natural cast iron state and not painted yellow and black.

## GM10 SPARES

### HANDLEVERS

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30054989	Hydraulic Control Valve Hand Lever, M10 X 200mm, Black Knob, For GM08, GM10 & GT10 Series	£1.92	€ 2.17

### MAIN RELIEF VALVES

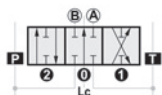
PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30054912	Type-X Direct Operated PRV for 80L-90L-100L-120L-150L	£22.50	€ 25.43

### HANDLEVERS

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
ZZ003185	Flowfit Push Button On/Off Handlever Microswitch for Solenoid Hydraulic Diverters, M10 Thread Type, 250mm Length	£67.52	€ 76.29
ZZ003186	Flowfit Rocker Switch On/Off Detent 2 Position Handlever Microswitch for Solenoid Hydraulic Diverters, M10 Thread Type, 250mm Length	£75.12	€ 84.88


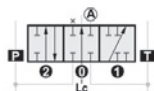
### SPOOLS


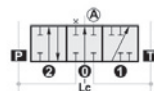
PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30013568	Type-1 Double Acting Spool for 90L GM	£20.43	€ 23.09
30013571	Type-2 Motor Spool for 90L GM	£20.43	€ 23.09






## SPOOLS CONT.

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30013573	Type-3 Single Acting Spool for 90L GM	£21.47	€ 24.26
			



PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30013574	Type-4 Single Acting Spool for 90L GM	£21.47	€ 24.26
			

## LEVER PIVOT BOXES

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30055098	L Kit Standard Lever Box for 90L GM-100L GS-150L GS		
		£7.16	€ 8.09

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30024070	Cap (Spring Cap) 90L-100L- 120L-150L		
		£4.25	€ 4.81

## POSITIONER KITS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30054947	Type-8T Kit with S.R.I.N.P Single Acting for 90L	£16.87	€ 19.07	30054946	Type-8 Kit with S.R.I.N.P Double Acting for 90L	£16.87	€ 19.07
							

## TANK OUTLET AND PORT PLUGS

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30054929			
	Type-AE1 Carryover Fitting 1/2" for 90L GM	£9.19	€ 10.38
30054930			
	Type-AE2 Carryover Fitting 3/4" for 90L GM	£9.57	€ 10.81

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
10590			
	1/2" BSP Red Plastic Protection Plug	£0.25	€ 0.28

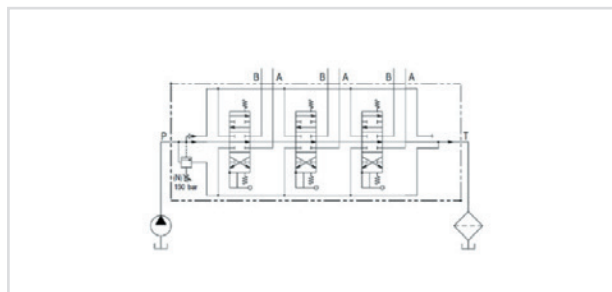
## CABLE CONTROL

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30075398	 TQ Kit Flexible Cable Connection for 90L	£24.37	€ 27.54	30055092	 Type-CG Remote Control Cable, 2.5 Metre	£33.73	€ 38.11
30055086	 Type-CG Remote Control Cable, 1 Metre	£24.73	€ 27.94	30055093	 Type-CG Remote Control Cable, 3 Metres	£38.06	€ 43.01
30055088	 Type-CG Remote Control Cable, 1.5 Metre	£26.97	€ 30.48	30055094	 Type-CG Remote Control Cable, 3.5 Metres	£44.96	€ 50.81
30055090	 Type-CG Remote Control Cable, 1.75 Metre	£28.13	€ 31.79	30055095	 Type-CG Remote Control Cable, 4 Metres	£49.46	€ 55.88
30055091	 Type-CG Remote Control Cable, 2 Metres	£29.22	€ 33.02	30056017	 Type-JS100 Remote Control Lever Assembly	£40.88	€ 46.19



## 3/4" MONOBLOCK CONTROL VALVES, 80 L/MIN

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TECH. DATA SHEET  
**DCV25**

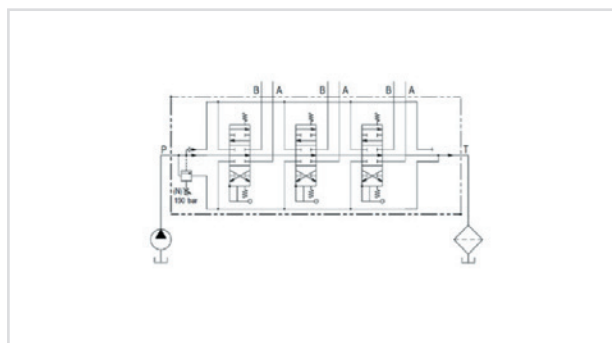


PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min, Auto Kick Out, Log Splitter Hydraulic Monoblock Valve	250	£52.95	€ 59.84



## 3/4" MONOBLOCK CONTROL VALVES, 120 L/MIN GT16 SERIES

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TECH. DATA SHEET  
**DCV25**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
12010012	Flowfit 1 Bank, 3/4" BSP, 160 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve, Without HPCO	250	£79.68	€ 90.04

MANUFACTURING ORDER CODE: -  
120L GT16/1-P(X-100)/1CP8L-PSL4

## 3/4" MONOBLOCK CONTROL VALVES, 160 L/MIN GM16 SERIES



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
16100	Flowfit 1 Bank, 3/4" BSP, 160 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	250	£255.94	€ 289.21

MANUFACTURING ORDER CODE: -  
160L GM16/1-P(X-100)/18L/AET-PSL6



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
16200	Flowfit 2 Bank, 3/4" BSP, 160 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve MANUFACTURING ORDER CODE: - 160L GM16/2-P(X-100)/18L/18L/AET-PSL6	250	£325.12	€ 367.39

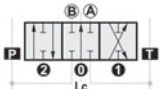



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
16300	Flowfit 3 Bank, 3/4" BSP, 160 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve MANUFACTURING ORDER CODE: - 160L GM16/3-P(X-100)/18L/18L/18L/AET-PSL6	250	£433.50	€ 489.86

## HANDLEVERS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30056012	Hydraulic Control Valve Hand Lever, M12 X 225mm, Black Knob	£3.33	€ 3.76	ZZ003186	Flowfit Rocker Switch On/Off Detent 2 Position Handlever Microswitch for Solenoid Hydraulic Diverters, M10 Thread Type, 250mm Length	£75.12	€ 84.88
ZZ003185	Flowfit Push Button On/Off Handlever Microswitch for Solenoid Hydraulic Diverters, M10 Thread Type, 250mm Length	£67.52	€ 76.29				

## SPOOLS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
30013615	Type-1 Double Acting Spool for 160L GM	£28.59	€ 32.31	30013616	Type-2 Motor Spool for 160L GM	£28.59	€ 32.31
							

## MAIN RELIEF VALVES

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30054912	Type-X Direct Operated PRV for 80L-90L-100L-120L-150L	£22.50	€ 25.43



## LEVER PIVOT BOXES

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30 05 6010	L Kit Standard Lever Box for GM160L for 160L GM-250L GS	£10.31	€ 11.65

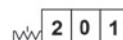
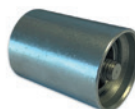


## POSITIONER KITS

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30 05 6011	Type-8T Kit with S.R.I.N.P Single Acting for 160L-250L	£28.13	€ 31.79

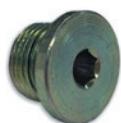


PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30 05 6008	Type-11 Kit Detent in all Positions for 160L-250L	£39.38	€ 44.49



## TANK OUTLET AND PORT PLUGS

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
30054994	Type-AET Open Centre Fitting for 160L GM	£4.68	€ 5.29
30054932	G3/4" Carry Over Plug 160L GM	£11.25	€ 12.71



PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
10731	3/4" BSP Red Plastic Protection Plug	£0.35	€ 0.40





# MONOBLOCK DIRECTIONAL CONTROL VALVES



- High technical performances granting larger application range.
- Special high resistance cast-iron body, suitable for high working 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 leakages.
- Interchangeability 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 JIC thread must be used.
- Before painting the control valve, do not use diluents or any products that could damage rubber parts.

	Q35	Q15	GMV15	Q25	Q45	Q65	Q75	Q95
<b>Working sections maximum</b>	1	1	4	8	1	6	6	
<b>Oil temperature range</b>	-30 ÷ 80 °C							
<b>Recommended oil temperature</b>	30° ÷ 60 °C							
<b>Recommended filtration</b>	26/23µm ISO DIS 4406							
<b>Hydraulic fluid</b>	Mineral oil							
<b>Viscosity</b>	10 ÷ 400 mm²/s							

<b>Weight (lbs)</b>	<b>1 Working section</b>	1.85 (4.1)	1.20 (2.6)	—	3.00 (6.6)	3.40 (7.5)	5.70 (12.6)	5.70 (12.6)
	<b>2 Working sections</b>	—	—	2.50 (5.5)	4.50 (9.9)	—	7.60 (16.8)	7.60 (16.8)
	<b>3 Working sections</b>	—	—	3.15 (6.9)	5.60 (12.3)	—	10.40 (22.9)	10.40 (22.9)
	<b>4 Working sections</b>	—	—	3.80 (8.4)	7.30 (16.1)	—	12.40 (27.3)	12.40 (27.3)
	<b>5 Working sections</b>	—	—	—	8.90 (19.6)	—	14.50 (32.0)	14.8 (32.6)
	<b>6 Working sections</b>	—	—	—	10.1 (22.3)	—	16.60 (36.6)	18.3 (40.4)
	<b>7 Working sections</b>	—	—	—	11.0 (24.3)	—	—	—
	<b>8 Working sections</b>	—	—	—	13.6 (30.0)	—	—	—

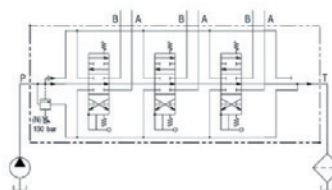
<b>Max working pressure (PSI)</b>	from 1 up to 2 sections	300 (4350)	250 (3625)	280 (4060)	350 (5075)	350 (5075)	350 (5075)	350 (5075)
	3 sections	—	—	280 (4060)	320 (4640)	—	300 (4350)	300 (4350)
	from 4 up to 8 sections	—	—	280 (4060)	300 (4350)	—	270 (3915)	270 (3915)
<b>Max back pressure (PSI)</b>		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, 25 L/MIN

## GMV15 SERIES

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**DCV22**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
015020103007000	Galtech 2 Bank, 1/4 BSP, 25 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	280	£112.35	€ 126.96
MANUFACTURING ORDER CODE: - GMV15AF1S(N)-2X103RN/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
015030103001000	Galtech 3 Bank, 1/4 BSP, 25 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	280	£149.10	€ 168.48
MANUFACTURING ORDER CODE: - GMV15AF1S(N)-3X103RN/A1/M1-F3D				

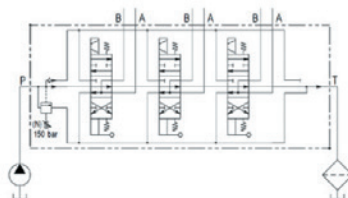


PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
015040103001000	Galtech 4 Bank, 1/4 BSP, 25 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	280	£185.85	€ 210.01
MANUFACTURING ORDER CODE: - GMV15AF1S(N)-4X103RN/A1/M1-F3D				



## 1/4" SOLENOID CONTROL MONOBLOCK VALVES, 20 L/MIN GMV15 SERIES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006113	Galtech GMV15 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	£383.53	€ 433.39
MANUFACTURING ORDER CODE:- GMV15-F75N-2X103/A1D41/M1-F3D- 12V-2E				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006203	Galtech GMV15 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	£383.53	€ 433.39
MANUFACTURING ORDER CODE:- GMV15-F75N-2X111/A1D41/M1-F3D- 12V-2E				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006201	Galtech GMV15 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	£383.53	€ 433.39
MANUFACTURING ORDER CODE:- GMV15-F75N-2X103/A1D41/M1-F3D- 24V-2E				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006204	Galtech GMV15 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	£383.53	€ 433.39
MANUFACTURING ORDER CODE:- GMV15-F75N-2X111/A1D41/M1-F3D- 24V-2E				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006114	Galtech GMV15 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	£557.85	€ 630.38
MANUFACTURING ORDER CODE:- GMV15-F75N-3X103/A1D41/M1-F3D- 12V-3E				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006205	Galtech GMV15 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	£557.85	€ 630.38
MANUFACTURING ORDER CODE:- GMV15-F75N-3X111/A1D41/M1-F3D- 12V-3E				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006202	Galtech GMV15 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	£557.85	€ 630.38
MANUFACTURING ORDER CODE:- GMV15-F75N-3X103/A1D41/M1-F3D- 24V-3E				

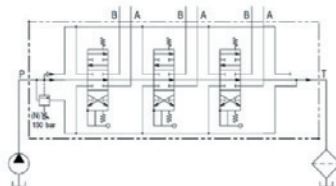


PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006206	Galtech GMV15 3 Bank, 1/4" BSP, 20 L/min Double Acting Motor Spool 3 Positions, Spring Return with 24VDC, Electro Solenoid Control C/W Manual Over-Ride	280	£557.85	€ 630.38
MANUFACTURING ORDER CODE:- GMV15-F75N-3X111/A1D41/M1-F3D- 24V-3E				



## MONOBLOCK CONTROL VALVES, 3/8" P+T, 1/4" A+B, 20 L/MIN Q15 SERIES

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**DCV22**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
015010103001000	Galtech 1 Bank, 1/4 BSP, 20 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve, With 81-200 Bar Pressure Relief Valve	250	£62.48	€ 70.60
MANUFACTURING ORDER CODE: - Q15-F7S(N)-103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006199	Galtech 1 Bank, 1/4 BSP, 20 L/Min Single Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	250	£62.48	€ 70.60
MANUFACTURING ORDER CODE: - Q15 F7S(N)-101/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006197	Galtech 1 Bank, 1/4 BSP, 20 L/Min Double Acting Motor Spool 3 Positions Detent, Spring Return Hydraulic Monoblock Valve	250	£62.48	€ 70.60
MANUFACTURING ORDER CODE: - Q15 F7S(N)-111/A1/R3-F3D				

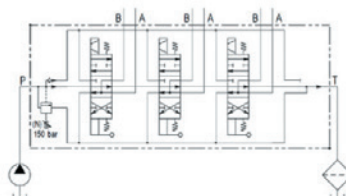




# 1/4" SOLENOID CONTROL MONOBLOCK VALVES, 20 L/MIN

## Q15 SERIES

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**DCV22**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006112	Galtech 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	£206.66	€ 233.53

MANUFACTURING ORDER CODE: -  
Q15 F1 S (N)-103/A1D41/M1-F3D-12V-1E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006207	Galtech 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	£206.66	€ 233.53

MANUFACTURING ORDER CODE: -  
Q15 F1 S (N)-111/A1D41/M1-F3D-12V-1E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006200	Galtech 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	£206.66	€ 233.53

MANUFACTURING ORDER CODE: -  
Q15 F1 S (N)-103/A1D41/M1-F3D-24V-1E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006208	Galtech 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	£206.66	€ 233.53



MANUFACTURING ORDER CODE: -  
Q15 F1 S (N)-111/A1D41/M1-F3D-24V-1E

## GMV15 & Q15 SPARES


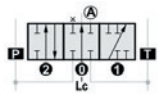

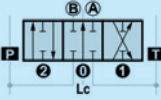

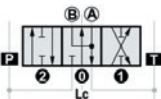

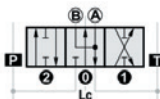


### HANDLEVERS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
060002286299	 Hydraulic Control Valve Hand Lever, M8 X 164mm, Black Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96	060002942399	 Hydraulic Control Valve Hand Lever, M8 X 214mm, Black Knob with Lens, For Galtech GMV15, Q15, Q25 & Q45 Series	£4.49	€ 5.08
060003052899	 Hydraulic Control Valve Hand Lever, M8 X 184mm, Black Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96	060002945199	 Hydraulic Control Valve Hand Lever, M8 X 174mm, Black Knob with Lens, For Galtech GMV15, Q15, Q25 & Q45 Series	£4.49	€ 5.08
060002892299	 Hydraulic Control Valve Hand Lever, M8 X 204mm, Black Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96	060293033599	 Hydraulic Control Valve Hand Lever, M8 X 160mm, Red Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96
060002742199	 Hydraulic Control Valve Hand Lever, M8 X 324mm, Black Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£2.47	€ 2.79	060293049299	 Hydraulic Control Valve Hand Lever, M8 X 180mm, Red Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£4.49	€ 5.08
060002287699	 Hydraulic Control Valve Hand Lever, M8 X 84mm, Black Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96	060003033699	 Hydraulic Control Valve Hand Lever, M8 X 200mm, Red Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£5.99	€ 6.76

## GMV15 & Q15 MAIN RELIEF VALVE SPARES

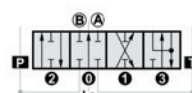
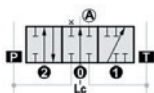
PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
70001520000000	 VLP 15S-B Relief Valve Cartridge, 0-120 Bar, For Galtech GMV15 & Q15 Series	£11.48	€ 12.97
70001510000000	 VLP 15S-N Relief Valve Cartridge, 100-280 Bar, For Galtech GMV15 & Q15 Series	£11.48	€ 12.97
060003199099	 VLP 15S Relief Valve Blanking Plug, For Galtech GMV15 & Q15 Series	£3.58	€ 4.05

## SPOOLS GMV15

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
KR15101-102	 Single Acting Spool, Select A or B Port, SE101-102, With Negative Overlap, For Galtech GMV15 & Q15 Series	£21.90	€ 24.75
			
060103206599	 Double Acting Spool, A & B Closed, 103 SI RN, Negative Overlap, For Galtech GMV15 Series	£21.90	€ 24.75
			
KR15111RN	 Double Acting Motor Spool, A & B to T, P Closed, 111RN with Negative Overlap, 2 Parts Spool & Pin, For Galtech GMV15 Series	£21.90	€ 24.75
			
060103206699	 Double Acting Motor Spool, A & B to T, P Closed, 111RN with Negative Overlap, For Galtech GMV15 Series	£21.90	€ 24.75
			
KR15116-126	 Double Acting Spool with Floating 4th DE116-126, For Galtech GMV15 & Q15 Series	£21.90	€ 24.75
			

## SPOOLS Q15

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR15101-102	Single Acting Spool, SE101-102, With Negative Overlap, 101= Effort on A, 102= Effort on B, For Galtech GMV15 & Q15 Series	£21.90	€ 24.75	KR15116-126	Double Acting Spool with Floating 4th, DE116-126, For Galtech GMV15 & Q15 Series	£21.90	€ 24.75
060103189499	Double Acting Motor Spool, 111 With Positive Overlap, For Galtech Q15 Series	£19.92	€ 22.51				

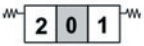

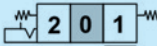

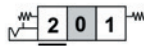

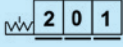
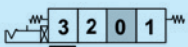


## GMV15 & Q15 LEVER PIVOT BOXES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
01610A1-A2/10	Lever Pivot Box, Aluminium Standard, C/W Screws & Retainer, For Galtech GMV15 & Q15 Series	£10.35	€ 11.70	01610A1-2/10Z1	Lever Pivot Box, Aluminium Floating 4th, For Galtech GMV15 & Q15 Series	£17.52	€ 19.80
060003160199	Lever Pivot Box, Aluminium Standard, No Screws & Retainer, For Galtech GMV15 & Q15 Series	£9.53	€ 10.77				



## GMV15 & Q25 POSITIONER KITS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
01530M1	M1 Three Position, Spring Centred in 0 Position, For Galtech GMV15 & Q15 Series	£3.90	€ 4.40	01744R4	R4 Two Position, Detent 0-1, For Galtech GMV15 & Q15 Series	£26.29	€ 29.71
							
01741R1	R1 Three Position, Spring Centred in 0, Detent in 1, For Galtech GMV15 & Q15 Series	£10.35	€ 11.70	01745R5	R5 Two Position, Detent 0-2, For Galtech GMV15 & Q15 Series	£26.29	€ 29.71
							
01742R2	R2 Three Position, Spring Centred in 0, Detent in 2, For Galtech GMV15 & Q15 Series	£10.35	€ 11.70	01748R8	R8 Two Position (1 & 2), With Spring Return Centred in 0 Position, (3) 4th Position Floating with Detent, Mounting with Z1 Side Control & Spool 116, For Galtech GMV15 & Q15 Series	£11.94	€ 13.49
							
01743R3	R3 Three Position, Detent, For Galtech GMV15 & Q15 Series	£13.26	€ 14.99	01750R10/Z1	Two Position (1 & 2), With Spring Return Centred in 0 Position, (3) 4th Position Floating with Detent, Mounting with Spool 126, For Galtech GMV15 & Q15 Series	£23.90	€ 27.00
							


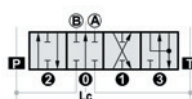

## GMV15 & Q25 TANK OUTLET AND PORT PLUGS



PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
060002792199	3/8" BSP Port, Blanking Plug for the Outlet, For Galtech GMV15 & Q15 Series	£0.68	€ 0.77	3XTAP719150	1/4" BSP, Blanking Plug for Single Acting Spools, For Galtech GMV15 & Q15 Series	£0.95	€ 1.07
251001	1/8" BSP, High Pressure Carry Over Plug, DIN 906 (F6D) Closed Centre, For Galtech GMV15 & Q15 Series	£0.68	€ 0.77	10588	1/4" BSP Red Plastic Protection Plug	£0.15	€ 0.17

## SINGLE ACTING KIT COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR15101-102	Single Acting Spool, SE101-102, With Negative Overlap, For Galtech GMV15 Series	£21.90	€ 24.75	3XTAP719150	1/4" BSP, Blanking Plug for Single Acting Spools, For Galtech GMV15 & Q15 Series	£0.95	€ 1.07
							

## 4TH POSITION FLOAT KITS, LEVER IN A -116 SPOOL - COMPONENTS

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
KR15116-126	Double Acting Spool with Floating 4th, DE116-126, For Galtech GMV15 & Q15 Series	£21.90	€ 24.75
			
01610A1-2/10Z1	Lever Pivot Box, Aluminium Floating 4th, For Galtech GMV15 & Q15 Series	£17.52	€ 19.80
			

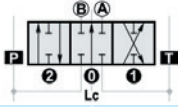
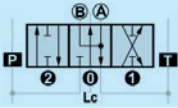


PART NO		NETT PRICE	
		£ STERLING	€ EUROS
01748R8	Two Position (1 & 2), With Spring Return Centred in 0 Position, (3) 4th Position Floating with Detent, Mounting with Z1 Side Control & Spool 116, For Galtech GMV15 & Q15 Series	£11.94	€ 13.49
			

## 4TH POSITION FLOAT KITS, LEVER IN B-126 SPOOL, COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR15116-126	Double Acting Spool with Floating 4th, DE116-126, For Galtech GMV15 & Q15 Monoblock Valves, For Galtech GMV15 & Q15 Series	£21.90	€ 24.75	01750R10/Z1	Two Position (1 & 2), With Spring Return Centred in 0 Position, (3) 4th Position Floating with Detent, Mounting with Spool 126, For Galtech GMV15 & Q15 Series	£23.90	€ 27.00
							
01610A1-A2/10	Lever Pivot Box, Aluminium Standard, C/W Screws & Retainer, For Galtech GMV15 & Q15 Series	£10.35	€ 11.70				
							



## D41 DIRECT ELECTRIC CONTROL COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
X0601032073	D41 Direct Electric Kit, 103 Double Acting, Ports Closed, Solenoid not included, For Galtech GMV15 & Q15 Series	£68.13	€ 76.99	ZEB212	D41 12V DC Solenoid Coil, Hirschmann not included, For Galtech GMV15 & Q15 Series	£54.50	€ 61.58
							
X0601032168	D41 Direct Electric Kit, 111 Double Acting Motor Spool, A & B to T Port, P Port Closed, Solenoid not included, For Galtech GMV15 & Q15 Series	£68.13	€ 76.99	ZEB224	D41 24V DC Solenoid Coil, Hirschmann not included, For Galtech GMV15 & Q15 Series	£54.50	€ 61.58
							
01610A1-A2/10	Lever Pivot Box, Aluminium Standard, C/W Screws & Retainer, For Galtech GMV15 & Q15 Series	£10.35	€ 11.70	640006	Hirschmann 3 Pin & E DIN 43650 A PG11 Black Connector	£8.19	€ 9.25
							

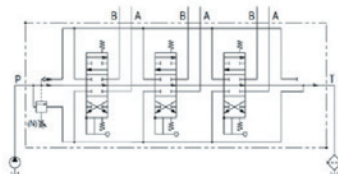
## D41 SPARES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
060193156599	Clips to suit X0601032073 D41 Electric Kit, For Galtech GMV15 & Q15 Series	£3.66	€ 4.14				
							



## 3/8" MONOBLOCK CONTROL VALVES, 40 L/MIN Q25 SERIES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
025010103001000	Galtech 1 Bank, 3/8 BSP, 40 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve  MANUFACTURING ORDER CODE: - Q25/1-F1S(N150)-1x103/A1/M1-F3D	350	£65.08	€ 73.54



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
025020103001000	Galtech 2 Bank, 3/8 BSP, 40 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve  MANUFACTURING ORDER CODE: - Q25/2-F1S(N150)-2x103/A1/M1-F3D	350	£94.26	€ 106.51



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
025030103001000	Galtech 3 Bank, 3/8 BSP, 40 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve  MANUFACTURING ORDER CODE: - Q25/3-F1S(N150)-3x103/A1/M1-F3D	320	£124.94	€ 141.18



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
025040103001000	Galtech 4 Bank, 3/8 BSP, 40 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£158.39	€ 178.98
MANUFACTURING ORDER CODE: - Q25/4-F1S(N150)-4x103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
025050103001000	Galtech 5 Bank, 3/8 BSP, 40 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£188.83	€ 213.38
MANUFACTURING ORDER CODE: - Q25/5-F1S(N150)-5x103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
025060103001000	Galtech 6 Bank, 3/8 BSP, 40 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£224.43	€ 253.60
MANUFACTURING ORDER CODE: - Q25/6-F1S(N150)-6x103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
025070103001000	Galtech 7 Bank, 3/8 BSP, 40 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£259.37	€ 293.09
MANUFACTURING ORDER CODE: - Q25/7-F1S(N150)-7x103/A1/M1-F3D				



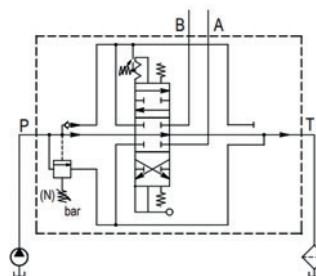
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
025080103001000	Galtech 8 Bank, 3/8 BSP, 40 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£291.12	€ 328.97
MANUFACTURING ORDER CODE: - Q25/8-F1S(N150)-8x103/A1/M1-F3D				



## ADDITIONAL MONOBLOCK CONTROL VALVES

### Q25 SERIES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ001069	Galtech 1 Bank, 3/8" BSP, 40 L/Min, Pos. 1 & 2, Port A & B, Auto Kick Out Log Splitter Valve	350	£121.28	€ 137.04

MANUFACTURING ORDER CODE: -  
Q25 F1S(N)-103/A1/R3K-F3D



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015478	Galtech 1 Bank, 3/8" BSP, 40 L/Min, Pos. 2, Port B, Auto Kick Out Log Splitter Valve	350	£121.28	€ 137.05

Manufacturing Order Code:  
Q25 F1S(N)-103/A1/R2K-F3D



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015479	Galtech 1 Bank, 3/8" BSP, 40 L/Min, Pos. 1, Port A, Auto Kick Out Log Splitter Valve	350	£121.28	€ 137.05

Manufacturing Order Code:  
Q25 F1S(N)-103/A1/R1K-F3D



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
025010103293000	Galtech 1 Bank, 3/8" BSP, 40 L/Min, With Microswitch, Spring Return Hydraulic Monoblock Valve	350	£118.19	€ 133.55

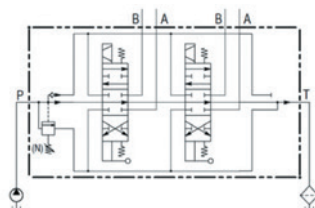
MANUFACTURING ORDER CODE:  
- Q25/1-F1S-103A1M1-B4-F3D



## 3/8" SOLENOID CONTROL MONOBLOCK VALVES, 40 L/MIN

### Q25 SERIES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006118	Galtech 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	275	£207.10	€ 234.03

MANUFACTURING ORDER CODE: -  
Q25 F1S(N)-103/A1D1/M1-F3D 12V-1E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015501	Galtech 1 Bank, 3/8" BSP, 40 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 12VDC, Electro Solenoid Control C/W Manual Over-Ride	275	£207.10	€ 234.03

MANUFACTURING ORDER CODE:  
Q25 F1S(N)-111/A1D1/M1-F3D-12V-1E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006231	Galtech 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	275	£207.10	€ 234.03

MANUFACTURING ORDER CODE: -  
Q25 F1S(N)-103/A1D1/M1-F3D 24V-1E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015502	Galtech 1 Bank, 3/8" BSP, 40 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 24VDC, Electro Solenoid Control C/W Manual Over-Ride	275	£207.10	€ 234.03

MANUFACTURING ORDER CODE:  
Q25 F1S(N)-111/A1D1/M1-F3D-24V-1E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006119	Galtech 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	275	£383.53	€ 433.39
MANUFACTURING ORDER CODE: - Q25 F1S(N)-2X103/A1D1/M1-F3D-12V-2E				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015503	Galtech 2 Bank, 3/8" BSP, 40 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 12VDC, Electro Solenoid Control C/W Manual Over-Ride	275	£383.53	€ 433.39
MANUFACTURING ORDER CODE: - Q25 F1S(N)-2X111/A1D1/M1-F3D-12V-2E				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006232	Galtech 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	275	£383.53	€ 433.39
MANUFACTURING ORDER CODE: - Q25 F1S(N)-2X103/A1D1/M1-F3D-24V-2E				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015504	Galtech 2 Bank, 3/8" BSP, 40 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 24VDC, Electro Solenoid Control C/W Manual Over-Ride	275	£383.53	€ 433.39
MANUFACTURING ORDER CODE: - Q25 F1S(N)-2X111/A1D1/M1-F3D-24V-2E				





PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006120	Galtech 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	275	£557.85	€ 630.38

MANUFACTURING ORDER CODE: -  
Q25 F1S(N)-3X103/A1D1/M1-F3D-12V-3E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015505	Galtech 3 Bank, 3/8" BSP, 40 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 12VDC, Electro Solenoid Control C/W Manual Over-Ride	275	£557.85	€ 630.38

MANUFACTURING ORDER CODE: -  
Q25 F1S(N)-3X111/A1D1/M1-F3D-12V-3E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006233	Galtech 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	275	£557.85	€ 630.38

MANUFACTURING ORDER CODE: -  
Q25 F1S(N)-3X103/A1D1/M1-F3D-24V-3E



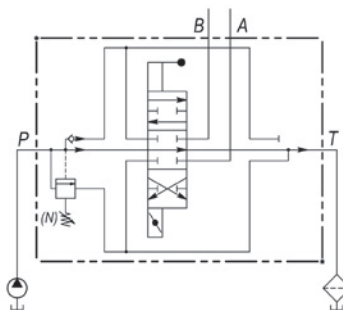
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015506	Galtech 3 Bank, 3/8" BSP, 40 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 24VDC, Electro Solenoid Control C/W Manual Over-Ride	275	£557.85	€ 630.38

MANUFACTURING ORDER CODE: -  
Q25 F1S(N)-3X111/A1D1/M1-F3D-24V-3E



## 3/8" ROTARY HYDRAULIC OPERATED LEVER VALVE, 40 L/MIN Q25 SERIES

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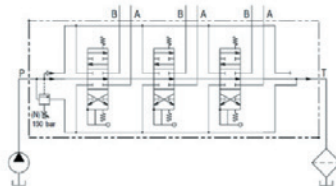
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ002054	Galtech 1 Bank, 3/8" BSP, 40 L/Min Rotary Control Hydraulic Monoblock Valve, Q25	350	£131.25	€ 148.31

MANUFACTURING ORDER CODE: -  
Q25 F1S(N)-103/RTLS-F3D



## 1/2" MONOBLOCK CONTROL VALVES, 60 L/MIN Q45 SERIES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
045010103001000	Galtech 1 Bank, 1/2 BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	350	£68.23	€ 77.10

MANUFACTURING ORDER CODE: -  
Q45F1S(N)-1x103/A1/M1-F3D



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
045020103001000	Galtech 2 Bank, 1/2 BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	350	£96.72	€ 109.29

MANUFACTURING ORDER CODE: -  
Q45F1S(N)-2x103/A1/M1-F3D



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
045030103001000	Galtech 3 Bank, 1/2 BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	320	£127.79	€ 144.40
MANUFACTURING ORDER CODE: - Q45F1S(N)-3x103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
045040103001000	Galtech 4 Bank, 1/2 BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£162.06	€ 183.12
MANUFACTURING ORDER CODE: - Q45F1S(N)-4x103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
045050103001000	Galtech 5 Bank, 1/2 BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£192.80	€ 217.87
MANUFACTURING ORDER CODE: - Q45F1S(N)-5x103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
045060103001000	Galtech 6 Bank, 1/2 BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£228.96	€ 258.73
MANUFACTURING ORDER CODE: - Q45F1S(N)-6x103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
045070103001000	Galtech 7 Bank, 1/2 BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£259.41	€ 293.14
MANUFACTURING ORDER CODE: - Q45F1S(N)-7x103/A1/M1-F3D				



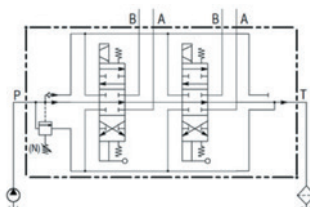
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
045080103001000	Galtech 8 Bank, 1/2" BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£291.43	€ 329.31

MANUFACTURING ORDER CODE: -  
Q45F1S(N)-8x103/A1/M1-F3D



## 1/2" SOLENOID CONTROL MONOBLOCK VALVE, 60 L/MIN Q45 SERIES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015509	Galtech 1 Bank, 1/2" BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	275	£213.33	€ 241.06

MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-103/A1D1/M1-F3D 12V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015507	Galtech 1 Bank, 1/2" BSP, 60 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	275	£213.33	€ 241.06

MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-111/A1D1/M1-F3D 12V



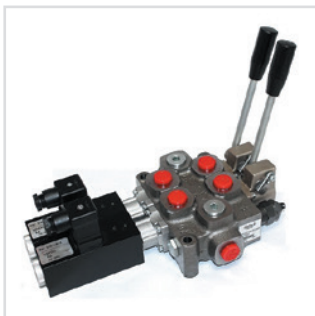
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015510	Galtech 1 Bank, 1/2" BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	275	£213.33	€ 241.06

MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-103/A1D1/M1-F3D 24V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015508	Galtech 1 Bank, 1/2" BSP, 60 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	275	£213.33	€ 241.06

MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-111/A1D1/M1-F3D 24V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015513	Galtech 2 Bank, 1/2" BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	275	£383.54	€ 433.40

MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-2X103/A1D1/M1-F3D 12V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015512	Galtech 2 Bank, 1/2" BSP, 60 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	275	£383.54	€ 433.40

MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-2X111/A1D1/M1-F3D 12V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015514	Galtech 2 Bank, 1/2" BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	275	£383.54	€ 433.40

MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-2X103/A1D1/M1-F3D 24V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015511	Galtech 2 Bank, 1/2" BSP, 60 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	275	£383.54	€ 433.40

MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-2X111/A1D1/M1-F3D 24V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS

ZZ015518	Galtech 3 Bank, 1/2" BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	275	£557.85	€ 630.37
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MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-3X103/A1D1/M1-F3D 12V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS

ZZ015515	Galtech 3 Bank, 1/2" BSP, 60 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	275	£557.85	€ 630.37
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MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-3X111/A1D1/M1-F3D 12V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS

ZZ015517	Galtech 3 Bank, 1/2" BSP, 60 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	275	£557.85	€ 630.37
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MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-3X103/A1D1/M1-F3D 24V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS

ZZ015516	Galtech 3 Bank, 1/2" BSP, 60 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	275	£557.85	€ 630.37
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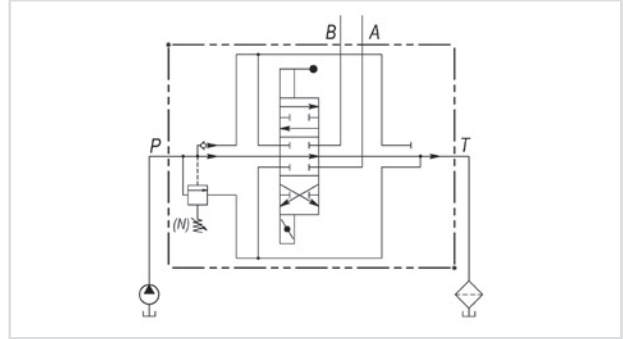
MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-3X111/A1D1/M1-F3D 24V





## 1/2" ROTARY HYDRAULIC OPERATED LEVER VALVE, 60 L/MIN Q45 SERIES

www.flowfitonline.com  
TECH. DATA SHEET  
**DCV22**



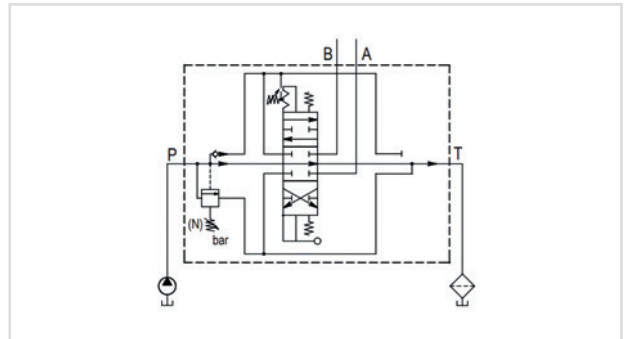
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ001867	Galtech 1 Bank, 1/2" BSP, 60 L/Min Rotary Control Hydraulic Monoblock Valve, Q45	350	£138.06	€ 156.01

MANUFACTURING ORDER CODE: -  
Q45 AD1-F1S(N)-103/RTLS-F3D



## ADDITIONAL MONOBLOCK VALVES Q45 SERIES

www.flowfitonline.com  
TECH. DATA SHEET  
**DCV22**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015550	Galtech 1 Bank, 1/2" BSP, 60 L/Min Auto Kick Out, Pos. 1 Port A, Log Splitter Hydraulic Monoblock Valve	350	£121.28	€ 137.05

MANUFACTURING ORDER CODE: -  
Q45 F1S(N)-103/A1/R1K-F3D



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015551	Galtech 1 Bank, 1/2" BSP, 60 L/Min Auto Kick Out, Pos.2 Port B, Log Splitter Hydraulic Monoblock Valve	350	£121.28	€ 137.05
MANUFACTURING ORDER CODE: - Q45 F1S(N)-103/A1/R2K-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015552	Galtech 1 Bank, 1/2" BSP, 60 L/Min Auto Kick Out, Pos.1 & 2 Port A & B, Log Splitter Hydraulic Monoblock Valve	350	£121.28	€ 137.05
MANUFACTURING ORDER CODE: - Q45 F1S(N)-103/A1/R3K-F3D				

## Q25 & Q45 SPARES

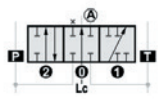
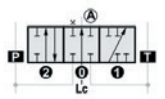
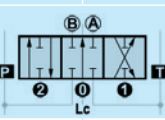

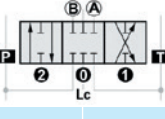

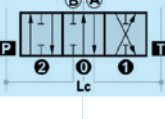



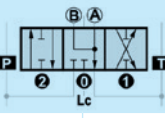
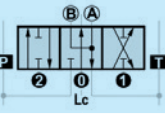
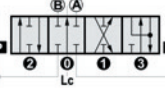
### HANDLEVERS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
060002286299	 Hydraulic Control Valve Hand Lever, M8 X 164mm, Black Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96	060293033599	 Hydraulic Control Valve Hand Lever, M8 X 160mm, Red Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96
060003052899	 Hydraulic Control Valve Hand Lever, M8 X 184mm, Black Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96	060293049299	 Hydraulic Control Valve Hand Lever, M8 X 180mm, Red Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96
060002892299	 Hydraulic Control Valve Hand Lever, M8 X 204mm, Black Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96	060003033699	 Hydraulic Control Valve Hand Lever, M8 X 200mm, Red Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£5.99	€ 6.76
060002742199	 Hydraulic Control Valve Hand Lever, M8 X 324mm, Black Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£2.47	€ 2.79	060002287699	 Hydraulic Control Valve Hand Lever, M8 X 84mm, Black Knob, For Galtech GMV15, Q15, Q25 & Q45 Series	£1.73	€ 1.96
060002942399	 Hydraulic Control Valve Hand Lever, M8 X 214mm, Black Knob with Lens, For Galtech GMV15, Q15, Q25 & Q45 Series	£4.49	€ 5.08	060002894599	 Hydraulic Control Valve Hand Lever, To Suit D41 Solenoid Kits, 7mm X 113mm, Not Threaded, For Galtech Q25 & Q45 Series	£1.65	€ 1.86
060002945199	 Hydraulic Control Valve Hand Lever, M8 X 174mm, Black Knob with Lens, For Galtech GMV15, Q15, Q25 & Q45 Series	£4.49	€ 5.08	060002934999	 Hydraulic Control Valve Hand Lever, To Suit D41 Solenoid Kits, 7mm X 201mm, Not Threaded, For Galtech Q25 & Q45 Series	£1.73	€ 1.96

## Q25 & Q45 MAIN RELIEF VALVE SPARES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
700035205000000	 VLP 35S-B Relief Valve Cartridge, 10-80 Bar, For Galtech Q25 & Q45 Series	£8.60	€ 9.72	4COP120420	 M8 Black Anti-Tamper for VLP35-65-105, For Galtech Q25 & Q45 Series	£3.24	€ 3.67
700035105000000	 VLP 35S-N Relief Valve Cartridge, 81 - 200 Bar, For Galtech Q25 & Q45 Series	£8.60	€ 9.72	060202608199	 5-100 X VLP 35 S-B PRV Spring Only, For Galtech Q25 & Q45 Series	£3.24	€ 3.67
700035305000000	 VLP 35S-R Relief Valve Cartridge, 201 - 380 Bar, For Galtech Q25 & Q45 Series	£8.60	€ 9.72	060202441299	 80-380 X VLP 35 S-R PRV Spring Only, For Galtech Q25 & Q45 Series	£3.24	€ 3.67
060002788899	 VLP Relief Valve Blanking Plug, For Galtech Q25 & Q45 Series	£3.39	€ 3.83				

## Q25 & Q45 SPOOLS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR30101-102	Single Acting Spool, Select A or B, 101 = Effort on A, 102 = Effort on B, For Galtech Q25 & Q45 Series	£11.94	€ 13.49	060103218099	Single Acting Spool, 101-102, No Eyelet, For Galtech Q25 & Q45 Series	£25.49	€ 28.81
							
KR30103	Double Acting Spool, A & B Closed 103, For Galtech Q25 & Q45 Series	£11.94	€ 13.49	060192721799	Spool Retainer Only, For Galtech Q25 & Q45 Series	£1.91	€ 2.16
							
KR30106	Double Acting Spool, All Ports in 0 Position 106, For Galtech Q25 & Q45 Series	£11.94	€ 13.49	OR70113	Spool Seal O-Ring for Spool Retainer 70 SH, NBR, 2,62 X 13,95, For Galtech Q25 & Q45 Series	£0.96	€ 1.08
							
KR30107-108	Double Acting Spool, A to T & B Closed in 0 Position 107-108, For Galtech Q25 & Q45 Series	£11.94	€ 13.49	061213212399	Connection Adaptor for Thread to Spool, For Galtech Q25 & Q45 Series	£6.69	€ 7.56
							
KR30111	Double Acting Motor Spool, A & B to T, P Closed, DE111, For Galtech Q25 & Q45 Series	£11.94	€ 13.49	KR30103K	Auto Kick-Out Spool, 103 DE, For Galtech Q25 & Q45 Series	£14.33	€ 16.20
							
KR30114	Double Acting Spool, A & B to T, Through Passage Closed in 0 114, For Galtech Q25 & Q45 Series	£11.94	€ 13.49	KR30111K	Auto Kick-Out Spool, 111 DE, For Galtech Q25 & Q45 Series	£14.33	€ 16.20
							
KR30116-126	Double Acting Spool with Floating 4th, DE116-126, For Galtech Q25 & Q45 Series	£14.33	€ 16.20				
							

## Q25 & Q45 LEVER PIVOT BOXES




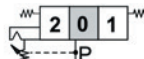

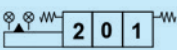
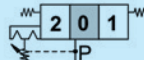
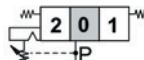
PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
03600A1-A2	Lever Pivot Box, Aluminium Standard, C/W Screws & Retainer, For Galtech Q25 & Q45 Series	£7.17	€ 8.10	03614A3	Plastic End Cap, To Replace Lever Pivot Box, For Galtech Q25 & Q45 Series	£2.39	€ 2.71
060003236799	Lever Pivot Box, Aluminium Standard, No Screws & Retainer, For Galtech Q25 & Q45 Series	£7.17	€ 8.10	03614A3/03	Aluminium End Cap, To Replace Lever Pivot Box, For Galtech Q25 & Q45 Series	£4.78	€ 5.40
03610A1-A2/10	Lever Pivot Box, Aluminium, C/W Spring Clip, For Galtech Q25 & Q45 Series	£9.57	€ 10.81	03640A35-12	Joystick Assembly, A35-12, For Galtech Q25 & Q45 Series	£47.82	€ 54.03
03610A1-A2/Z1	Lever Pivot Box, Floating 4th Position, Use with R8 Positioner, For Galtech Q25 & Q45 Series	£11.35	€ 12.83	03640A35-34	Joystick Assembly, A35-34, For Galtech Q25 & Q45 Series	£47.82	€ 54.03
03610A1-A2/PM	Lever Pivot Box, Aluminium, M10 Threaded with Bellow, A1-A2, For Galtech Q25 & Q45 Series	£12.75	€ 14.40	03622A8/03	Cable Control Kit, Aluminium Lever End, For Galtech Q25 & Q45 Series	£9.57	€ 10.81
03610A1-A2/PMF	Lever Pivot Box, Plastic, With M10 Thread for Handlever, For Galtech Q25 & Q45 Series	£11.15	€ 12.60	03617A4	Direct Control Connection Kit on Spool For Stiff Remote Control, For Galtech Q25 & Q45 Series	£9.00	€ 10.17
03624A1-A2/S	Lever Pivot Box, C/W Safety Lever, For Galtech Q25 & Q45 Series	£31.82	€ 35.95				






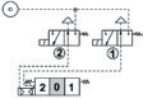

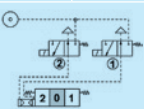
## Q25 & Q45 POSITIONER KITS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
03730M1	M1 Three Position, Spring Centred in 0 Position, Plastic End Cap, For Galtech Q25 & Q45 Series	£7.57	€ 8.55	03745R5	R5 Two Position Detent 0-2, For Galtech Q25 & Q45 Series	£14.34	€ 16.21
							
03730M1/03	Three Position, Spring Centred in 0 Position, Aluminium End Cap, For Galtech Q25 & Q45 Series	£8.76	€ 9.90	03746R6	R6 Two Position Detent 1-2, For Galtech Q25 & Q45 Series	£14.34	€ 16.21
							
03732M2	M2 Two Position, Spring 0-1, Centre in 0, Plastic End Cap, For Galtech Q25 & Q45 Series	£7.57	€ 8.55	03748R8	R8 Floating 4th Position Kit with Detent 116, For Galtech Q25 & Q45 Series	£13.56	€ 15.32
							
03741R1	R1 Three Position, Spring Centred in 0, Detent in 1, For Galtech Q25 & Q45 Series	£14.34	€ 16.21	03750R10/Z1	Floating 4th Position Kit with Detent 126, For Galtech Q25 & Q45 Series	£19.92	€ 22.51
							
03742R2	R2 Three Position, Spring Centred in 0, Detent in 2, For Galtech Q25 & Q45 Series	£14.34	€ 16.21	03799RTLD	Three Position Rotary Control Lever Right in 2 Position, For Galtech Q25 & Q45 Series	£35.86	€ 40.52
							
03743R3	R3 Three Position Detent, For Galtech Q25 & Q45 Series	£14.34	€ 16.21	03799RTLD/03	Three Position Rotary Control Lever Aluminium Right in 2 Position, For Galtech Q25 & Q45 Series	£36.66	€ 41.42
							
03744R4	R4 Two Position Detent 0-1, For Galtech Q25 & Q45 Series	£14.34	€ 16.21	03799RTLS	Three Position Rotary Control Lever Left in 2 Position, For Galtech Q25 & Q45 Series	£35.86	€ 40.52
							

## POSITIONER KITS CONT.

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
03799RTLS/03	Three Position Rotary Control Lever Aluminium Left in 2 Position, For Galtech Q25 & Q45 Series	£36.66	€ 41.42	03742R2K	Detent Kit in Position 2 with Auto Kick-Out, For Galtech Q25 & Q45 Series	£51.00	€ 57.63
							
							
03753M1-B4	Watertight Microswitch Kit M1-B4, For Galtech Q25 & Q45 Series	£35.06	€ 39.62	03743R3K	Detent Kit in Position 1-2 with Auto Kick-Out, For Galtech Q25 & Q45 Series	£51.00	€ 57.63
							
							
03741R1K	Detent Kit in Position 1 with Auto Kick-Out, For Galtech Q25 & Q45 Series	£51.00	€ 57.63				
							
							

## POSITIONER KITS PNEUMATIC

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
03661P1-N	Three Position, Pneumatic Control, Spring Centred in 0, For Galtech Q25 & Q45 Series	£35.06	€ 39.62	03692D3-F-24DC	Three Position, 24V DC Electro-Pneumatic Control, Spring Centred in 0, For Galtech Q25 & Q45 Series	£131.48	€ 148.57
							
							
03691D3-F-12DC	Three Position, 12V DC Electro-Pneumatic Control, Spring Centred in 0, For Galtech Q25 & Q45 Series	£131.48	€ 148.57				
							
							

## Q25 & Q45 TANK OUTLET AND PORT PLUGS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
060002792199	 3/8" BSP Port, Blanking Plug for the Outlet, For Galtech Q25 & Q45 Series	£0.68	€ 0.77	02566F6D	 3/8" HPCO Plug, For Galtech Q25, Q30 & Q45 Series	£6.81	€ 7.70
060002278399	 High Pressure Carry Over Connector, 3/8" BSP, For Galtech Q25 & Q45 Series	£3.41	€ 3.86	02567F16D	 3/8" Closed Centre Plug, F16D, For Galtech Q25, Q30 & Q45 Valves	£8.17	€ 9.23
060002530099	 3/8" Closed Centre Plug, For Galtech Q25 & Q45 Series	£3.41	€ 3.86	5CON001	 Weather Pack, 2P Male Case With Female End For Microswitch	£4.78	€ 5.40
060002792099	 1/2" BSP Port, Blanking with O-Ring, For Galtech Q25 & Q45 Series	£0.67	€ 0.76	10996	 3/8" BSP Red Plastic Protection Plug	£0.20	€ 0.23
060002564799	 High Pressure Carry Over Connector, 1/2" BSP, For Galtech Q25 & Q45 Series	£3.41	€ 3.86	10590	 1/2" BSP Red Plastic Protection Plug	£0.25	€ 0.28
060002997699	 1/2" Closed Carry Over Plug, For Galtech Q25 & Q45 Series	£3.41	€ 3.86				

## Q25 & Q45 SINGLE ACTING KIT COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR30101-102	Single Acting Spool, Select A or B, 101-102, For Galtech Q25 & Q45 Series	£11.94	€ 13.49	060002792099	1/2" BSP Port, Blanking with O-Ring, For Galtech Q45 Series	£0.67	€ 0.76
060002792199	3/8" BSP Port, Blanking Plug for the Outlet, For Galtech Q25 Series	£0.68	€ 0.77				

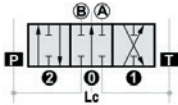
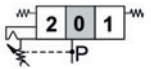
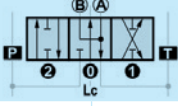
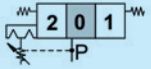
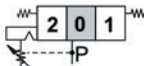
## 4TH POSITION FLOAT KITS, POS. 1 TO 3 - 116 SPOOL - COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR30116-126	Double Acting Spool with Floating 4th, DE116-126, For Galtech Q25 & Q45 Series	£14.33	€ 16.20	03748R8	Floating 4th Position Kit with Detent 116, For Galtech Q25 & Q45 Series	£13.56	€ 15.32

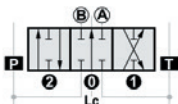

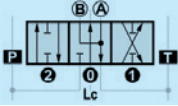
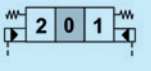
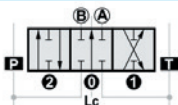
## 4TH POSITION FLOAT KITS, POS. 2 TO 3 - 126 SPOOL - COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR30116-126	Double Acting Spool with Floating 4th, DE116-126, For Galtech Q25 & Q45 Series	£14.33	€ 16.20	03750R10/Z1	Floating 4th Position Kit with Detent 126, For Galtech Q25 & Q45 Series	£18.97	

## AUTO KICK-OUT SPOOL CONTROL KIT 103-R1K - COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR30103K	Auto Kick-Out Spool, 103 DE, For Galtech Q25 & Q45 Series	£14.33	€ 16.20	03742R2K	Detent Kit in Position 2 with Auto Kick-Out, For Galtech Q25 & Q45 Series	£51.00	€ 57.63
							
KR30111K	Auto Kick-Out Spool, 111 DE, For Galtech Q25 & Q45 Series	£14.33	€ 16.20	03743R3K	Detent Kit in Position 1-2 with Auto Kick-Out, For Galtech Q25 & Q45 Series	£51.00	€ 57.63
							
03741R1K	Detent Kit in Position 1 with Auto Kick-Out, For Galtech Q25 & Q45 Series	£51.00	€ 57.63				
							

## ON/OFF & PROPORTIONAL HYDRAULIC PILOT CONTROL KIT - COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
060103179099	Double Acting Spool, A & B Closed, 103 DE H1, With High Pressure Hydraulic Control, For Galtech Q25 & Q45 Series	£7.89	€ 8.91	03779H1	Hydraulic Spool Control Kit H1, For High Pressure Hydraulic Control, For Galtech Q25 & Q45 Series	£63.75	€ 72.03
							
060103179199	Double Acting Motor Spool, A & B to T, P Closed, DE111 H1 with High Pressure Hydraulic Control, For Galtech Q25 & Q45 Series	£7.89	€ 8.91	03785H5	Hydraulic Spool Control Kit H5, For Low Pressure Hydraulic Control, For Galtech Q25 & Q45 Series	£47.81	€ 54.02
							
KR30103	Double Acting Spool, A & B Closed 103, For Galtech Q25 & Q45 Series	£11.94	€ 13.49				
							

## D41 DIRECT ELECTRIC CONTROL - COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
X060102905099	D41 Electric Kit, Single Acting Spool, In A Port 101 SE & Solenoid Tube Only, For Galtech Q25 & Q45 Series 	£71.72	€ 81.04	060002888099	Ring to suit Q25 & Q45 D41 Kits 	£8.55	€ 9.66
X060102894199	D41 Electric Kit, Single Acting Spool, In B Port 102 SE & Solenoid Tube Only, For Galtech Q25 & Q45 Series 	£71.72	€ 81.04	ZEB012	12V DC Solenoid Coil D41, C/W Connector, For Galtech Q25 & Q45 Series 	£63.75	€ 72.03
X060102889799	D41 Electric Kit, Double Acting Spool, A & B Port Closed in 0 Position 103-203 DE & Solenoid Tube Only, For Galtech Q25 & Q45 Series 	£71.72	€ 81.04	ZEB024	24V DC Solenoid Coil D41, C/W Connector, For Galtech Q25 & Q45 Series 	£63.75	€ 72.03
X060102894299	D41 Electric Kit, Double Acting Motor Spool, A & B to T Port in 0 Position, 111 DE & Solenoid Tube Only, For Galtech Q25 & Q45 Series 	£71.72	€ 81.04	ZE001	D41 Solenoid Control Tube Only, For Galtech Q25 & Q45 Series 	£49.59	€ 56.04
060003070099	Lever Pivot Box, Cast Iron, A1 for D41 Direct Electric Kit, For Galtech Q25 & Q45 Series 	£17.21	€ 19.45	060102889799	103 Spool Only to Suit D41 Electric Kit P-T 	£22.97	€ 25.96
060002894599	Hydraulic Control Valve Hand Lever, To Suit D41 Solenoid Kits, 7mm X 113mm, Not Threaded, For Galtech Q25 & Q45 Series 	£1.65	€ 1.86	640006	Hirschmann 3 Pin & E DIN 43650 A PG11 Black Connector 	£8.19	€ 9.25
060002934999	Hydraulic Control Valve Hand Lever, To Suit D41 Solenoid Kits, 7mm X 201mm, Not Threaded, For Galtech Q25 & Q45 Series 	£1.73	€ 1.96				



## D41 DIRECT ELECTRIC CONTROL - KITS


PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
02571103/71	D41 Electric Kit, Double Acting Spool, A & B Port Closed in 0 Position 103-203 DE & Solenoid Tube Only, With 12V DC Solenoid Coil For Galtech Q25 & Q45 Series	£135.46	€ 153.07	02577111/71	D41 Electric Kit, Double Acting Motor Spool, A & B to T Port in 0 Position, 111 DE & Solenoid Tube Only, With 12V DC Solenoid Coil For Galtech Q25 & Q45 Series	£135.46	€ 153.07
02571103/72	D41 Electric Kit, Double Acting Spool, A & B Port Closed in 0 Position 103-203 DE & Solenoid Tube Only, With 24V DC Solenoid Coil For Galtech Q25 & Q45 Series	£135.46	€ 153.07	02577111/72	D41 Electric Kit, Double Acting Motor Spool, A & B to T Port in 0 Position, 111 DE & Solenoid Tube Only, With 24V DC Solenoid Coil For Galtech Q25 & Q45 Series	£135.46	€ 153.07

## D9 DIRECT ELECTRIC CONTROL - COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
X060103012699	Single Acting Spool, In A Port or B Port, 101-102 SE & Solenoid Tube Only, D9, For Galtech Q25 & Q45 Series	£87.65	€ 99.05	ZDB212	12V DC Solenoid Coil D9, C/W Connector, 2 off Required with Each Spool Kit, For Galtech Q25 & Q45 Series	£20.44	€ 23.10
X060102998299	Double Acting Spool, A & B Port Closed in 0 Position, 103-203 DE & Solenoid Tube Only, D9, For Galtech Q25 & Q45 Series	£87.65	€ 99.05	ZDB224	24V DC Solenoid Coil D9, C/W Connector, 2 off Required with Each Spool Kit, For Galtech Q25 & Q45 Series	£20.44	€ 23.10
X060103000499	Double Acting Motor Spool, A & B to T in 0 Position 111-211 DE & Solenoid Tube Only, D9, For Galtech Q25 & Q45 Series	£87.65	€ 99.05				

## SINGLE CABLE CONTROL KITS - COMPONENTS

### CABLE FOR GALTECH Q25 & Q45 VALVES

	PART NO	LENGTH	NETT PRICE	
			£ STERLING	€ EUROS
	4CAV701000	1 Metre	£19.04	€ 21.51
	4CAV701500	1.5 Metre	£19.45	€ 21.97
	4CAV702000	2 Metre	£21.19	€ 23.94
	4CAV702500	2.5 Metre	£23.03	€ 26.02
	4CAV703000	3 Metre	£24.78	€ 28.00
	4CAV703500	3.5 Metre	£26.53	€ 29.98
	4CAV704000	4 Metre	£28.29	€ 31.96
	4CAV704500	4.5 Metre	£30.04	€ 33.95

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
03715M1-U2	Three Position, Spring Centred in 0, Direct Connection to the Spool Side for the Cable Control, For Galtech Q25 & Q45 Series	£11.15	€ 12.60	060002286299	Hydraulic Control Valve Lever, M8 X 160mm, For Galtech Q25 & Q45 Series	£1.73	€ 1.96
03630SL	Remote Control Lever Pivot Assembly for Cable End, For Galtech Q25 & Q45 Series	£19.92	€ 22.51	03622A8/03	Cable Control Kit, Aluminium Lever End, For Galtech Q25 & Q45 Series	£9.37	€ 10.58


## DUAL JOYSTICK CONTROL KITS FOR CABLES - COMPONENTS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
03631SL/A35-34	Remote Dual Axis Joystick Control, SL/A35-34, For Galtech Q25 & Q45 Series	£95.62	€ 108.05	03640A35-34	Joystick Assembly, A35-34, For Galtech Q25 & Q45 Valves	£47.82	€ 54.04
03640A35-12	Joystick Assembly, A35-12, For Galtech Q25 & Q45 Valves	£47.82	€ 54.04				

## GALTECH CABLE KITS TO SUIT VALVES

### CABLE KIT TO SUIT Q25, Q30, Q45 VALVES

Kits Includes: Cable • Valve Connection • Lever Command • Valve Not Included

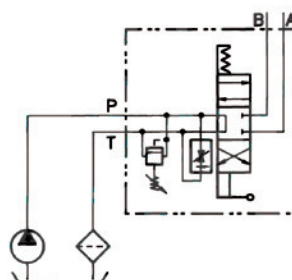
	PART NO	LENGTH	TO SUIT	NETT PRICE	
				£ STERLING	€ EUROS
	Q25-1-MTR-CABLE-KIT	1 Metre Cable	Q25, Q30 & Q45 Valves	£60.69	€ 68.58
	Q25-1.5-MTR-CABLE-KIT	1.5 Metre Cable	Q25, Q30 & Q45 Valves	£61.32	€ 69.29
	Q25-2-MTR-CABLE-KIT	2 Metre Cable	Q25, Q30 & Q45 Valves	£63.37	€ 71.61
	Q25-2.5-MTR-CABLE-KIT	2.5 Metre Cable	Q25, Q30 & Q45 Valves	£64.16	€ 72.50
	Q25-3-MTR-CABLE-KIT	3 Metre Cable	Q25, Q30 & Q45 Valves	£67.62	€ 76.41
	Q25-3.5-MTR-CABLE-KIT	3.5 Metre Cable	Q25, Q30 & Q45 Valves	£68.36	€ 77.24
	Q25-4-MTR-CABLE-KIT	4 Metre Cable	Q25, Q30 & Q45 Valves	£71.82	€ 81.16
	Q25-4.5-MTR-CABLE-KIT	4.5 Metre Cable	Q25, Q30 & Q45 Valves	£69.72	€ 78.78



## 1/2" MONOBLOCK CONTROL VALVES

### Q35 SERIES

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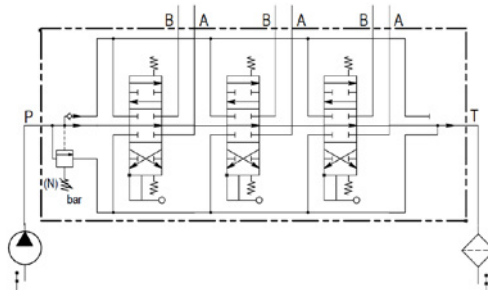
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ002059	Galtech 1 Bank, 1/2" BSP, 50 L/Min Double Acting 3 Position, Detent with Flow Control, Hydraulic Monoblock Valve	300	£306.56	€ 346.41

MANUFACTURING ORDER CODE: -  
Q25/1-F1S(N150)-1x103/A1/M1-F3D



## 1/2" MONOBLOCK CONTROL VALVES, 90 L/MIN Q75 SERIES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
055010103001000	Galtech 1 Bank, 1/2 BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	350	£87.12	€ 98.45
MANUFACTURING ORDER CODE: - Q75/1-F1S(N)-1X103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
055020103001000	Galtech 2 Bank, 1/2 BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	350	£130.83	€ 147.84
MANUFACTURING ORDER CODE: - Q75/2-F1S(N)-2X103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
055030103001000	Galtech 3 Bank, 1/2 BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£171.00	€ 193.23
MANUFACTURING ORDER CODE: - Q75/3-F1S(N)-3X103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
055040103001000	Galtech 4 Bank, 1/2 BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	270	£211.48	€ 238.97
MANUFACTURING ORDER CODE: - Q75/4-F1S(N)-4X103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
055050103001000	Galtech 5 Bank, 1/2 BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	270	£245.48	€ 277.39
MANUFACTURING ORDER CODE: - Q75/5-F1S(N)-5X103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
055060103001000	Galtech 6 Bank, 1/2 BSP, 90 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	270	£298.61	€ 337.43
MANUFACTURING ORDER CODE: - Q75/6-F1S(N)-6X103/A1/M1-F3D				

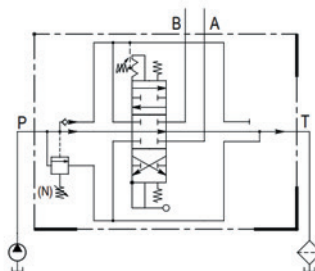


## ADDITIONAL MONOBLOCK CONTROL VALVES

### AUTO KICK OUT LOG SPLITTER VALVES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ001855	Galtech 1 Bank, 1/2" BSP, 90 L/Min, Kick Out in Position 1 & 2, Auto Kick Out Log Splitter Hydraulic Monoblock Valve, Q75	350	£152.15	€ 171.93
MANUFACTURING ORDER CODE: - Q75 F1S(N)-103/A1/R3K-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015521	Galtech 1 Bank, 1/2" BSP, 90 L/Min Auto Kick Out, Pos.1 Port A, Log Splitter Hydraulic Monoblock Valve, Q75	350	£152.15	€ 171.93
MANUFACTURING ORDER CODE: - Q75 F1S(N)-103/A1/R1K-F3D				



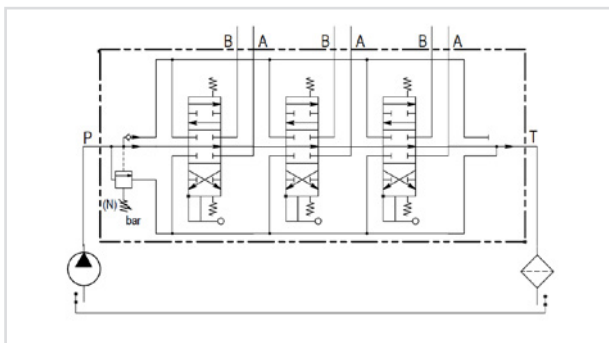
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015522	Galtech 1 Bank, 1/2" BSP, 90 L/Min Auto Kick Out, Pos.2 Port B, Log Splitter Hydraulic Monoblock Valve, Q75	350	£152.15	€ 171.93

MANUFACTURING ORDER CODE: -  
Q75 F1S(N)-103/A1/R2K-F3D



## 1/2" SOLENOID CONTROL MONOBLOCK VALVES, 90 L/MIN Q75 SERIES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006218	Galtech 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, Q75	300	£266.12	€ 300.72

MANUFACTURING ORDER CODE: -  
Q75 F1S(N)103/A1D41/M1-F3D 12V-1E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015525	Galtech 1 Bank, 1/2" BSP, 90 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 12VDC, Electro Solenoid Control C/W Manual Over-Ride	300	£266.12	€ 300.72

MANUFACTURING ORDER CODE: -  
Q75 F1S(N)-111/A1D41/M1-F3D-12V-1E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006221	Galtech 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, Q75	300	£266.12	€ 300.72

MANUFACTURING ORDER CODE: -  
Q75 F1S(N)103/A1D41/M1-F3D 24V-1E





PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015526	Galtech 1 Bank, 1/2" BSP, 90 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 24VDC, Electro Solenoid Control C/W Manual Over-Ride	300	£266.12	€ 300.72

MANUFACTURING ORDER CODE: -  
Q75 F1S(N)-111/A1D41/M1-F3D-24V-1E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006219	Galtech 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, Q75	300	£491.65	€ 555.57

MANUFACTURING ORDER CODE: -  
Q75 F1S 2X (N)103/A1D41/M1-F3D-12V-2E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015527	Galtech 2 Bank, 1/2" BSP, 90 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 12VDC, Electro Solenoid Control C/W Manual Over-Ride	300	£491.65	€ 555.57

MANUFACTURING ORDER CODE: -  
Q75 F1S(N)-111/A1D41/M1-F3D-12V-2E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ006222	Galtech 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, Q75	300	£491.65	€ 555.57

MANUFACTURING ORDER CODE: -  
Q75 F1S 2X (N)103/A1D41/M1-F3D-24V-2E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015528	Galtech 2 Bank, 1/2" BSP, 90 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 24VDC, Electro Solenoid Control C/W Manual Over-Ride	300	£491.65	€ 555.57

MANUFACTURING ORDER CODE: -  
Q75 F1S(N)-111/A1D41/M1-F3D-24V-2E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS

ZZ006220	Galtech 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, Q75	300	£713.59	€ 806.36
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MANUFACTURING ORDER CODE: -  
Q75 F1S 2X (N)103/A1D41/M1-F3D-12V-3E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS

ZZ015529	Galtech 3 Bank, 1/2" BSP, 90 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 12VDC, Electro Solenoid Control C/W Manual Over-Ride	300	£713.59	€ 806.36
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MANUFACTURING ORDER CODE: -  
Q75 F1S(N)-111/A1D41/M1-F3D-12V-3E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS

ZZ006223	Galtech 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, Q75	300	£713.59	€ 806.36
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MANUFACTURING ORDER CODE: -  
Q75 F1S 3X (N)103/A1D41/M1-F3D-24V-3E



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS

ZZ015530	Galtech 3 Bank, 1/2" BSP, 90 L/Min, Double Acting Motor Spool 3 Positions, Spring Return with 24VDC, Electro Solenoid Control C/W Manual Over-Ride	300	£713.59	€ 806.36
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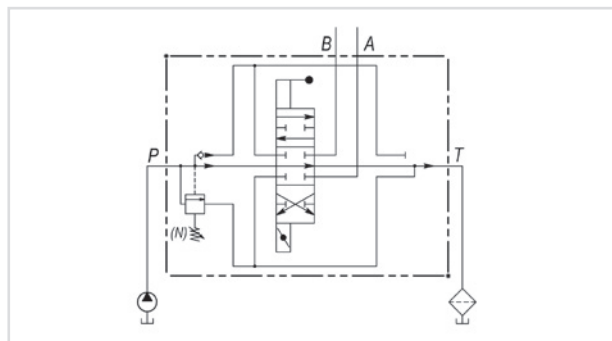
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Q75 F1S(N)-111/A1D41/M1-F3D-24V-3E



## 1/2" ROTARY HYDRAULIC OPERATED LEVER VALVE, 90 L/MIN

### Q75 SERIES

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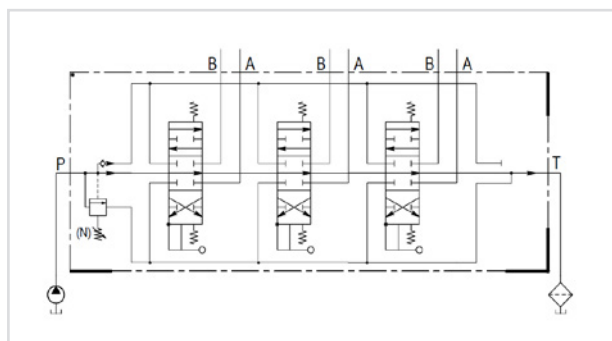
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ002055	Galtech 1 Bank, 1/2" BSP, 90 L/Min Rotary Control Hydraulic Monoblock Valve, Q75	350	£208.95	€ 236.11
MANUFACTURING ORDER CODE: - Q75 F1S(N)-103/RTLS-F3D				



## 3/4" MONOBLOCK CONTROL VALVES, 120 L/MIN

### Q95 SERIES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
095010103001000	Galtech 1 Bank, 3/4" BSP, 120 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	350	£101.92	€ 115.17
MANUFACTURING ORDER CODE: - Q95/1F1S(N)-1X103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
095020103001000	Galtech 2 Bank, 3/4" BSP, 120 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	350	£147.41	€ 166.57
MANUFACTURING ORDER CODE: - Q95/2F1S(N)-2X103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
095030103001000	Galtech 3 Bank, 3/4 BSP, 120 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	300	£193.27	€ 218.40
MANUFACTURING ORDER CODE: - Q95/3F1S(N)-3X103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
095040103001000	Galtech 4 Bank, 3/4 BSP, 120 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	270	£237.35	€ 268.21
MANUFACTURING ORDER CODE: - Q95/4F1S(N)-4X103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
095050103001000	Galtech 5 Bank, 3/4 BSP, 120 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	270	£274.39	€ 310.06
MANUFACTURING ORDER CODE: - Q95/5F1S(N)-5X103/A1/M1-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
095060103001000	Galtech 6 Bank, 3/4 BSP, 120 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return Hydraulic Monoblock Valve	270	£332.24	€ 375.43
MANUFACTURING ORDER CODE: - Q95/6F1S(N)-6X103/A1/M1-F3D				

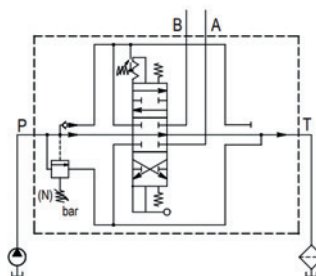


## ADDITIONAL MONOBLOCK CONTROL VALVES

### AUTO KICK OUT LOG SPLITTER VALVES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ001852	Galtech 1 Bank, 3/4" BSP, 120 L/Min, Kick Out in Position 1 & 2, Auto Kick Out Log Splitter Hydraulic Monoblock Valve, Q95	350	£174.20	€ 196.84
MANUFACTURING ORDER CODE: - Q95 F1S(N)-103/A1/R3K-F3D				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015523	Galtech 1 Bank, 3/4" BSP, 120 L/Min Auto Kick Out, Pos.1 Port A, Log Splitter Hydraulic Monoblock Valve, Q95	350	£174.20	€ 196.84
MANUFACTURING ORDER CODE: - Q95 F1S(N)-103/A1/R1K-F3D				

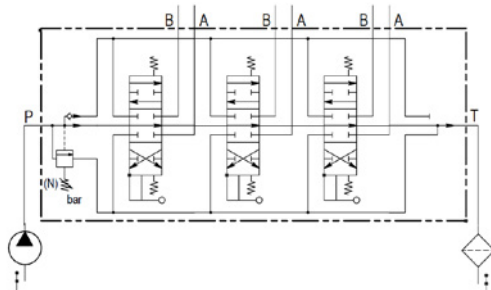


PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015524	Galtech 1 Bank, 1/2" BSP, 120 L/Min Auto Kick Out, Pos.2 Port B, Log Splitter Hydraulic Monoblock Valve, Q95	350	£174.20	€ 196.84
MANUFACTURING ORDER CODE: - Q95 F1S(N)-103/A1/R2K-F3D				



## 3/4" SOLENOID CONTROL MONOBLOCK VALVE, 100 L/MIN Q95 SERIES

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PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015532	Galtech 1 Bank, 3/4" BSP, 100 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	300	£258.39	€ 291.99

MANUFACTURING ORDER CODE: -  
Q95-F1S(N)101/A1/D41-F3D-12V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015533	Galtech 1 Bank, 3/4" BSP, 100 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	300	£258.39	€ 291.99

MANUFACTURING ORDER CODE: -  
Q95 F1S(N)-111/A1/D41-F3D 12V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015534	Galtech 1 Bank, 3/4" BSP, 100 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	300	£258.39	€ 291.99

MANUFACTURING ORDER CODE: -  
Q95-F1S(N)101/A1/D41-F3D-24V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015535	Galtech 1 Bank, 3/4" BSP, 100 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	300	£258.39	€ 291.99

MANUFACTURING ORDER CODE: -  
Q95 F1S(N)-111/A1/D41-F3D 24V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015536	Galtech 2 Bank, 3/4" BSP, 100 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	300	£469.76	€ 530.83

MANUFACTURING ORDER CODE: -  
Q95-F1S(N)2X101/A1/D41-F3D-12V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015537	Galtech 2 Bank, 3/4" BSP, 100 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	300	£469.76	€ 530.83

MANUFACTURING ORDER CODE: -  
Q95 F1S(N)-2X111/A1/D41-F3D 12V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015538	Galtech 2 Bank, 3/4" BSP, 100 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	300	£469.76	€ 530.83

MANUFACTURING ORDER CODE: -  
Q95-F1S(N)-2X101/A1/D41-F3D-24V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015539	Galtech 2 Bank, 3/4" BSP, 100 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	300	£469.76	€ 530.83

MANUFACTURING ORDER CODE: -  
Q95 F1S(N)-2X111/A1/D41-F3D 24V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015540	Galtech 3 Bank, 3/4" BSP, 100 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	300	£675.63	€ 763.46

MANUFACTURING ORDER CODE: -  
Q95-F1S(N)3X101/A1/D41-F3D-12V





PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015541	Galtech 3 Bank, 3/4" BSP, 100 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 12V DC Electro Solenoid Control C/W Manual Over-Ride	300	£675.63	€ 763.46

MANUFACTURING ORDER CODE: -  
Q95 F1S(N)-3X111/A1/D41-F3D 12V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015542	Galtech 3 Bank, 3/4" BSP, 100 L/Min Double Acting Cylinder Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	300	£675.63	€ 763.46

MANUFACTURING ORDER CODE: -  
Q95-F1S(N)-3X101/A1/D41-F3D-24V



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ015543	Galtech 3 Bank, 3/4" BSP, 100 L/Min Double Acting Motor Spool 3 Positions, Spring Return with 24V DC Electro Solenoid Control C/W Manual Over-Ride	300	£675.63	€ 763.46

MANUFACTURING ORDER CODE: -  
Q95 F1S(N)-3X111/A1/D41-F3D 24V



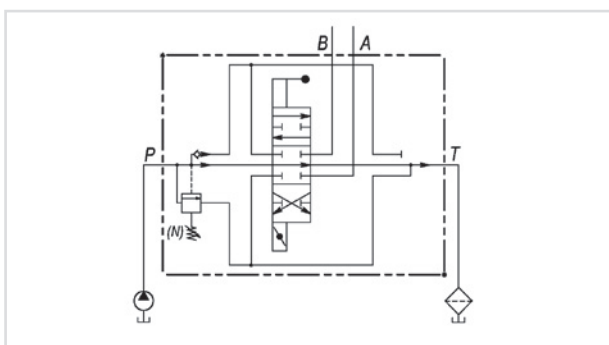
## 3/4" ROTARY HYDRAULIC OPERATED LEVER VALVE, 120 L/MIN Q95 SERIES

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**DCV22**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ002056	Galtech 1 Bank, 3/4" BSP, 120 L/Min Rotary Control Hydraulic Monoblock Valve, Q95	350	£225.31	€ 254.60

MANUFACTURING ORDER CODE: -  
Q95 F1S(N)-103/RTLS-F3D

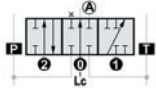
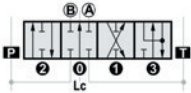


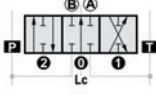
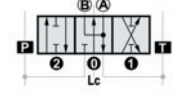
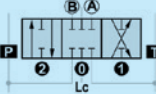

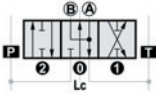


## Q75 & Q95 SPARES

HANDLEVERS											
PART NO		DESCRIPTION	NETT PRICE		PART NO		DESCRIPTION	NETT PRICE			
			£ STERLING	€ EUROS				£ STERLING	€ EUROS		
060002763599			Hydraulic Control Valve Hand Lever, M10 X 66mm, For Galtech Q75 & Q95 Series, Black Knob	£2.05	€ 2.31	060002814899			Hydraulic Control Valve Hand Lever, M10 X 357mm, For Galtech Q75 & Q95 Series, Black Knob	£5.99	€ 6.76
060002734499			Hydraulic Control Valve Hand Lever, M10 X 154mm, For Galtech Q75 & Q95 Series, Black Knob	£2.05	€ 2.31	060002986699			Hydraulic Control Valve Hand Lever, M10 X 219mm, For Galtech Q75 & Q95 Series, Black Knob with Lens	£7.88	€ 8.90
060002701399			Hydraulic Control Valve Hand Lever, M10 X 209mm, For Galtech Q75 & Q95 Series, Black Knob"	£2.05	€ 2.31						

Q75 & Q95 MAIN RELIEF VALVES											
PART NO		DESCRIPTION		NETT PRICE		PART NO		DESCRIPTION		NETT PRICE	
				£ STERLING	€ EUROS					£ STERLING	€ EUROS
700065205000000				£15.50	€ 17.51	060002788899				£3.39	€ 3.83
700065105000000				£15.50	€ 17.51	4COP120420				£3.24	€ 3.67
700065305000000				£15.50	€ 17.51	060202475599				£4.13	€ 4.66




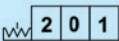





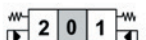
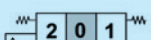



## Q75 & Q95 SPOOLS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR80101-102	Single Acting Spool, 101 = A Port, 102 = B Port, For Q75 & Q95 Series	£15.66	€ 17.69	KR80116-126	Double Acting Spool with Floating 4th, DE116-126, For Q75 & Q95 Series	£15.66	€ 17.69
							
KR80103	Double Acting Spool, A & B Closed DE 103, For Q75 & Q95 Series	£15.66	€ 17.69	KR80103K	Auto Kick-Out Spool, 103 DE, For Q75 & Q95 Series	£15.66	€ 17.69
							
060102879199	Double Acting Spool, 103-203, No Eyelet	£15.66	€ 17.69	060102996799	Double Acting Spool, 111-211 SI, For Q75 & Q95 Series C/W Eyelet	£15.66	€ 17.69
							
KR80106	Double Acting Spool, All Ports Closed in 0 Position 104-105-106, For Q75 & Q95 Series	£15.66	€ 17.69	061212313899	Eyelet for Spools	£9.43	€ 10.65
							
KR80111	Double Acting Motor Spool, A & B to T, P Closed, DE111, For Q75 & Q95 Series	£15.66	€ 17.69				
							




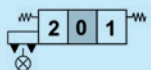



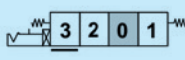
## Q75 & Q95 LEVER PIVOT BOXES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
08600A1-A2	Lever Pivot Box, Aluminium Standard, C/W Screws & Retainer, For Q75 & Q95 Series	£9.38	€ 10.60	08637A35-12	Joystick Assembly A35-12, For Q75 & Q95 Series	£70.43	€ 79.59
08614A3	A3 Plastic End Cap, To Replace Lever Pivot Box, For Q75 & Q95 Series	£3.13	€ 3.54	08637A35-34	Joystick Assembly A35-34, For Q75 & Q95 Series	£70.43	€ 79.59
08617A4	A4 Direct Control Connection on Spool for Steel Remote Control, For Q75 & Q95 Series	£8.61	€ 9.73	08622A8	A8 Direct Connection on Spool for Remote Flexible Cable Control, For Q75 & Q95 Series	£9.38	€ 10.60
08619A5	A5 Spherical Roller Cam Connection Kit, For Q75 & Q95 Series	£12.52	€ 14.14	060002854299	Lever Pivot Box to suit Q75, Q95, Q80 to 130 Valve, For Q75 & Q95 Series	£15.66	€ 17.69
08620A6	A6 Eyelet Connection on Spool End, For Q75 & Q95 Series	£7.83	€ 8.85				


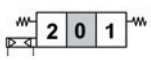

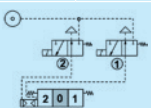

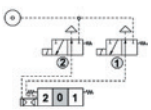
## Q75 & Q95 POSITIONER KITS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
08730M1	M1 Three Position, Spring Centred in 0 Position, For Q75 & Q95 Series	£3.91	€ 4.41	08742R2	R2 Three Position, Spring Centred in 0 Position, Detent in 2, For Q75 & Q95 Series	£14.09	€ 15.92
							
08732M2	M2 Two Position, Spring 0-1 Centred in 0 Position, For Q75 & Q95 Series	£6.26	€ 7.07	08743R3	R3 Three Position, Detent, For Q75 & Q95 Series	£14.09	€ 15.92
							
08733M3	M3 Two Position, Spring 0-2 Centred in 0 Position, For Q75 & Q95 Series	£6.26	€ 7.07	08744R4	R4 Two Position, Detent 0-1, For Q75 & Q95 Series	£12.52	€ 14.14
							
08741R1	R1 Three Position, Spring Centred in 0 Position, Detent in 1, For Q75 & Q95 Series	£14.05	€ 15.88	08745R5	R5 Two Position, Detent 0-2, For Q75 & Q95 Series	£12.52	€ 14.14
							
08741R1K	R1K Three Position, Detent in 1 Position, With Auto Adjustment Release 101-103, Use Spools 103 & 111 Only, For Q75 & Q95 Series	£57.75	€ 65.26	08785H5	H5 Three Position Hydraulic Remote, For Q75 & Q95 Series	£66.54	€ 75.19
							
08742R2K	R2K Three Position, Detent in 2 Position, With Auto Adjustment Release, Use Spools 103 & 111 Only, For Q75 & Q95 Series	£57.75	€ 65.26	08746R6	R6 Two Position, Detent 1-2, For Q75 & Q95 Series	£12.52	€ 14.14
							
08743R3K	R3K Three Position, Detent in 1 & 2 Position, With Auto Adjustment Release, Use Spools 103 & 111 Only, For Q75 & Q95 Series	£57.75	€ 65.26	08799RTLD	Three Position Rotary Control Lever Right in 2 Position, For Q75 & Q95 Series	£39.06	€ 44.14
							



## POSITIONER KITS CONT.

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
08799RTLS	Three Position Rotary Control Lever Left in 2 Position, For Q75 & Q95 Series	£39.06	€ 44.14
			
08753M1-B1	Three Position, Spring Centred in 0 Position with Black Microswitch Control, For Q75 & Q95 Series	£25.83	€ 29.19
			
08715M1-U2	Three Position, Spring Centred in 0 Position Direct Connection to the Spool Side for the Cable Control, For Q75 & Q95 Series	£18.05	€ 20.40
			
08750R10/Z1	Floating 4th Position Kit with Detent, For Q75 & Q95 Series	£21.91	€ 24.76
			




## POSITIONER KITS PNEUMATIC

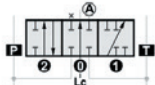
PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
08561P1-N	P1-N Three Position, Pneumatic Control, Spring Centred in 0, For Q75 & Q95 Series	£39.06	€ 44.14
			
08591D3-O-12DC	Three Position, 12V DC Electro-Pneumatic Control, Spring Centred in 0, For Q75 & Q95 Series	£82.19	€ 92.88
			
08592D3-O-24DC	D3 Three Position, 24V DC Electro-Pneumatic Control, Spring Centred in 0, For Q75 & Q95 Series	£82.19	€ 92.88
			

## Q75 & Q95 TANK OUTLET AND PORT PLUGS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
060002792099	 1/2" BSP Port, Blanking with O-Ring For Service and Outlet Port, For Q75 Series	£0.67	€ 0.76	05566F6D	 1/2" HPCO Plug to suit Galtech Q75 Valves	£10.74	€ 12.14
3XTAP732200	 3/4" BSP Port, Blanking with O-Ring For Service and Outlet Port, For Q95 Series	£2.15	€ 2.43	09566F6D	 3/4" HPCO Plug to suit Galtech Q95 Valves	£10.74	€ 12.14
060002315899	 High Pressure Carry Over Connector LC 1/2" Female Thread, For Q75 & Q95 Series	£4.67	€ 5.28	10590	 1/2" BSP Red Plastic Protection Plug	£0.25	€ 0.28
060002530199	 Closed Centre Plug, For Q75 & Q95 Series	£8.03	€ 9.08	10731	 3/4" BSP Red Plastic Protection Plug	£0.35	€ 0.40

## SINGLE ACTING KIT COMPONENTS (ONE OF EACH BELOW REQUIRED)

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR80101-102	 Single Acting Spool, 101 = A Port, 102 = B Port, For Q75 & Q95 Series	£15.66	€ 17.69	060002792099	 1/2" BSP Port, Blanking with O-Ring For Service and Outlet Port, For Q75 Series	£0.67	€ 0.76
3XTAP732200	 3/4" BSP Port, Blanking with O-Ring For Service and Outlet Port, For Q95 Series	£2.15	€ 2.43				



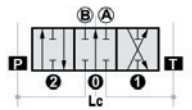
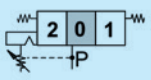
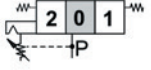
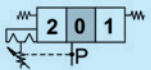


## 4TH POSITION FLOAT KITS, LEVER IN A -126 SPOOL - COMPONENTS

ONE OF EACH BELOW REQUIRED


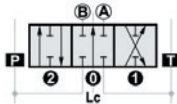

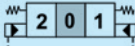
PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
KR80116-126	Double Acting Spool with Floating 4th, DE116-126, For Q75 & Q95 Series	£15.66	€ 17.69
			
08600A1-A2	Lever Pivot Box, Aluminium Standard, C/W Screws & Retainer, For Q75 & Q95 Series	£9.38	€ 10.60
			
08750R10/Z1	Floating 4th Position Kit with Detent, For Q75 & Q95 Series	£21.91	€ 24.76
			
			


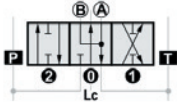
## AUTO KICK-OUT SPOOL CONTROL KIT 103-R1K - COMPONENTS

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
KR80103K	Auto Kick-Out Spool, 103 DE, For Q75 & Q95 Series	£15.66	€ 17.69
			
08741R1K	Three Position, Detent in 1 Position, With Auto Adjustment Release 101-103, Use Spools 103 & 111 Only, For Q75 & Q95 Series	£57.75	€ 65.26
			
08742R2K	Three Position, Detent in 2 Position, With Auto Adjustment Release, Use Spools 103 & 111 Only, For Q75 & Q95 Series	£57.75	€ 65.26
			
08743R3K	Three Position, Detent in 1 & 2 Position, With Auto Adjustment Release, Use Spools 103 & 111 Only, For Q75 & Q95 Series	£57.75	€ 65.26
			

## PROPORTIONAL HYDRAULIC PILOT CONTROL KIT - COMPONENTS


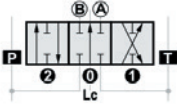


### H1 SPOOL WITH HIGH PRESSURE CONTROL

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
060102879199	Double Acting Spool, A & B Closed DE 103 H1, With High Pressure Hydraulic Control, For Q75 & Q95 Series	£15.66	€ 17.69
			
08779H1	Hydraulic Spool Control Kit H1 for High Pressure Hydraulic Control, For Q75 & Q95 Series	£66.54	€ 75.19
			

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
060102864199	Double Acting Spool, A & B to T, P Closed DE 111 H1, With High Pressure Hydraulic Control, For Q75 & Q95 Series	£15.66	€ 17.69
			

## PROPORTIONAL HYDRAULIC PILOT CONTROL KIT - COMPONENTS



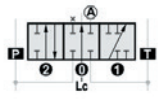
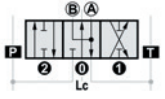


### H5 SPOOL WITH LOW PRESSURE CONTROL (STANDARD)

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
KR80103	Double Acting Spool, A & B Closed DE 103, For Q75 & Q95 Series	£15.66	€ 17.69	08785H5	H5 Three Position Hydraulic Remote, For Q75 & Q95 Series	£66.54	€ 75.19
							

## D41 DIRECT ELECTRIC CONTROL - COMPONENTS

### CHOOSE ONE FROM EVERY SECTION

#### ELECTRIC KIT D41

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
X0601030060A	D41 Electric Kit, Single Acting Spool, In A Port 101 SE & Solenoid Tube Only, For Q75 & Q95 Series	£86.10	€ 97.29	X0601030043	D41 Electric Kit, Double Acting Motor Spool, A & B to T, 111 DE & Solenoid Tube Only, For Q75 & Q95 Series	£86.10	€ 97.29
							
							
X0601030061	D41 Electric Kit, Double Acting Spool, A & B Port Closed in 0 Position 103-203 DE & Solenoid Tube Only, For Q75 & Q95 Series	£86.10	€ 97.29				
							
							

#### COILS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
ZEB112	12V DC Solenoid Coil D41, C/W Connector, Hirschmann not included, For Galtech Q25 & Q45 Series	£81.41	€ 91.99	ZEB124	24V DC Solenoid Coil D41, C/W Connector, Hirschmann not included, For Galtech Q25 & Q45 Series	£81.41	€ 91.99
							


#### SPARES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
060103004399	D41 Electric Kit, Double Acting Spool, A & B Port to T in 0 Position 111 DE & Solenoid Tube Only, For Q75 & Q95 Series	£22.94	€ 25.93	640006	Hirschmann 3 Pin & E DIN 43650 A PG11 Black Connector	£8.19	€ 9.25
							

## D41 DIRECT ELECTRIC CONTROL - KITS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
05571103/71	D41 Electric Kit, Double Acting Spool, A & B Port Closed in 0 Position 103-203 DE & Solenoid Tube Only, With 12V DC Solenoid Coil, For Q75 & Q95 Series	£167.51	€ 189.28	05571103/72	D41 Electric Kit, Double Acting Spool, A & B Port Closed in 0 Position 103-203 DE & Solenoid Tube Only, With 24V DC Solenoid Coil, For Q75 & Q95 Series	£167.51	€ 189.28

## CABLE FOR GALTECH Q75 & Q95 VALVES


	PART NO	LENGTH	NETT PRICE	
			£ STERLING	€ EUROS
	4CAV701000	1 Metre	£18.13	
	4CAV701500	1.5 Metre	£18.52	
	4CAV702000	2 Metre	£20.18	
	4CAV702500	2.5 Metre	£21.93	
	4CAV703000	3 Metre	£23.60	
	4CAV703500	3.5 Metre	£25.27	
	4CAV704000	4 Metre	£26.94	
	4CAV704500	4.5 Metre	£28.61	

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
08715M1-U2	Three Position, Spring Centred in 0 Position Direct Connection to the Spool Side for the Cable Control, For Q75 & Q95 Series	£18.05	€ 20.40	060002286299	Hydraulic Control Valve Lever, M8 X 160mm, For Cable Assembly, To suit Q75 & Q95 Series	£1.86	€ 2.10
08630SL	Remote Control Lever Pivot Assembly for Cable End, For Q75 & Q95 Series	£55.14	€ 62.30				

## GALTECH CABLE KITS TO SUIT VALVES

### CABLE KIT TO SUIT Q75 & Q95 VALVES

Kits Includes: Cable • Valve Connection • Lever Command • Valve Not Included

	PART NO	LENGTH	TO SUIT	NETT PRICE	
				£ STERLING	€ EUROS
	Q75/95-1-MTR-CABLE-KIT	1 Metre Cable	Q75 & Q95 Valves	£115.40	€ 130.40
	Q75/95-1.5-MTR-CABLE-KIT	1.5 Metre Cable	Q75 & Q95 Valves	£115.87	€ 130.93
	Q75/95-2-MTR-CABLE-KIT	2 Metre Cable	Q75 & Q95 Valves	£117.97	€ 133.30
	Q75/95-2.5-MTR-CABLE-KIT	2.5 Metre Cable	Q75 & Q95 Valves	£118.70	€ 134.13
	Q75/95-3-MTR-CABLE-KIT	3 Metre Cable	Q75 & Q95 Valves	£122.22	€ 138.11
	Q75/95-3.5-MTR-CABLE-KIT	3.5 Metre Cable	Q75 & Q95 Valves	£122.48	€ 138.41
	Q75/95-4-MTR-CABLE-KIT	4 Metre Cable	Q75 & Q95 Valves	£120.40	€ 138.46
	Q75/95-4.5-MTR-CABLE-KIT	4.5 Metre Cable	Q75 & Q95 Valves	£118.35	€ 136.10

# 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

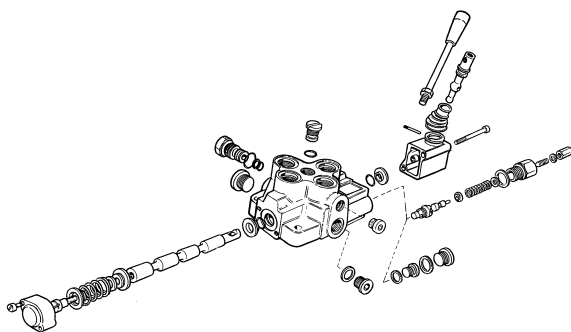
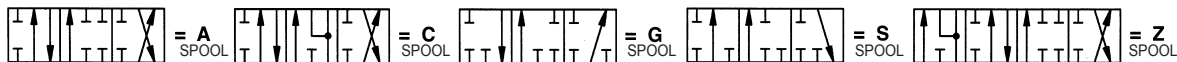
TECHNICAL DATA		HDM140	HDM 11 P	HDM 11 S	HDM 18	HDM 25
Number of spools		1	2-6	1-6	1-4	1-2
Flow rate	l/min	40	45	45	70	100
Inlet pressure max.	bar	320	400	400	400	320
Return pressure max.	bar	30	30	30	30	30
Fluid		Mineral oil to DIN 51524				
Operating temperature	°C	-20 to +80				
Viscosity range	mm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

## Directional valve

CONTROLS AVAILABLE

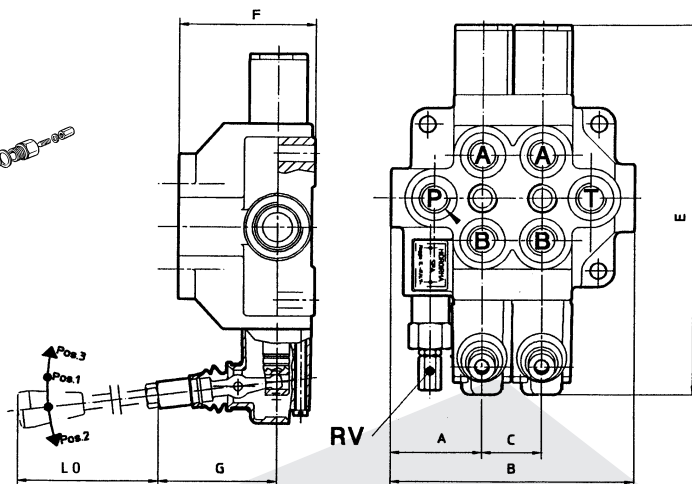
Lever / cable control / electro hydraulic (on/off) / electro hydraulic proportional

## 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	

S = NUMBER OF SPOOL -1

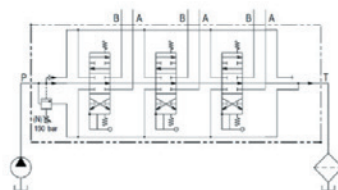
\* SINGLE MONOBLOCK VALVE ONLY

**BUCHER**  
hydraulics

# 3/8" MONOBLOCK CONTROL VALVES, 40 L/MIN

## HDM140 SERIES

www.flowfitonline.com  
TECH. DATA SHEET  
**DCV1**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0514.12.024	Bucher 1 Bank, 3/8" BSP, 40 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	320	£48.65	€ 54.97
MANUFACTURING ORDER CODE: - HDM140/K02/150/A01/L100				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ005161	Bucher 1 Bank, 3/8" BSP, 40 L/Min Single Acting Spring Return Lever Operated Hydraulic Monoblock Valve, With Microswitch & Main Relief Valve	320	£118.00	€ 133.34
MANUFACTURING ORDER CODE: - HDM140/1/K02/(15)01/A01/ G34MSL100AL001				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0514.12.042	Bucher 1 Bank, 3/8" BSP, 40 L/Min Motor Spool Spring Return Lever Operated Hydraulic Monoblock Valve	320	£75.60	€ 85.43
MANUFACTURING ORDER CODE: - HDM140/K02 150/C01 L100				





PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0514.12.044	Bucher 1 Bank, 3/8" BSP, 40 L/Min Double Acting Motor Spool Detent Lever Operated Hydraulic Monoblock Valve, With Relief Valve	320	£77.70	€ 87.80

MANUFACTURING ORDER CODE: -  
HDM140/K02 150/C03 L100



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0514.12.061	Bucher 1 Bank, 3/8" BSP, 40 L/Min Single Floating Fourth Position Lever Operated Hydraulic Monoblock Valve	320	£99.23	€ 112.12

MANUFACTURING ORDER CODE: -  
HDM140/K02/(15)01/Z04/L100



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0514.12.047	Bucher 1 Bank, 3/8" BSP, 40 L/Min Single Acting Cylinder Spool 3 Position Spring Return Lever Operated Hydraulic Monoblock Valve	320	£69.54	€ 78.58

MANUFACTURING ORDER CODE: -  
HDM140/K02/150/G01/L100



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ004028	Bucher 1 Bank, 3/8" BSP, 40 L/Min Double Acting Spool 3 Position Pneumatic On/Off, Spring Return Lever Operated Hydraulic Monoblock Valve, With Microswitch & Main Relief Valve	320	£102.90	€ 116.28

MANUFACTURING ORDER CODE: -  
HDM140/K02/01/(15)/G01/AHP24/L100/  
AL001



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ001868	Bucher 1 Bank, 3/8" BSP, 40 L/Min Hose-Reel Hydraulic Monoblock Valve, Without Flow Control	320	£91.04	€ 102.87

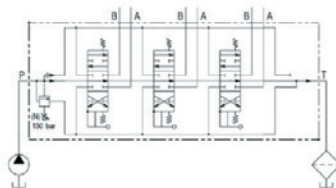
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- HDM140/K03 150/Z04L100 C/W  
HANDLEVER

**BUCHER**  
hydraulics

# 3/8" MONOBLOCK CONTROL VALVES, 45 L/MIN

## HDM11S SERIES

www.flowfitonline.com  
TECH. DATA SHEET  
**DCV2**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.22.182	Bucher 2 Bank, 3/8" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	320	£125.14	€ 141.41
MANUFACTURING ORDER CODE: - HDM11P/2K04/150/A01A01/L100				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.32.164	Bucher 3 Bank, 3/8" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	320	£163.80	€ 185.09
MANUFACTURING ORDER CODE: - HDM11P/3K04/150/AAA01/L100				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.42.124	Bucher 4 Bank, 3/8" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	320	£200.10	€ 226.11
MANUFACTURING ORDER CODE: - HDM11P/4K04/50/AAAA01/L100				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.52.078	Bucher 5 Bank, 3/8" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	320	£236.34	€ 267.07
MANUFACTURING ORDER CODE: - HDM11P/5K04/150/AAAAA01/L100				



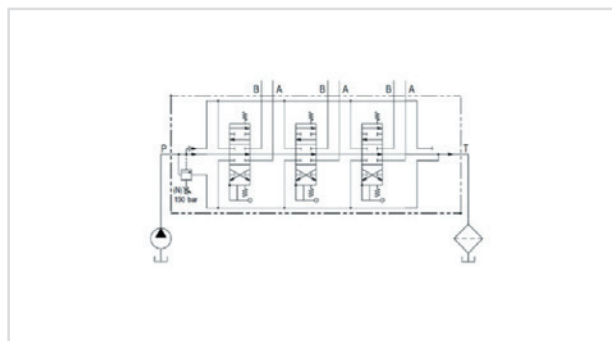
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.62.026	Bucher 6 Bank, 3/8" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	320	£274.45	€ 310.13

MANUFACTURING ORDER CODE: -  
HDM11P/6K04/150/AAAAA01/L100

**BUCHER**  
hydraulics

## 1/2" MONOBLOCK CONTROL VALVES, 45 L/MIN HDM11S SERIES

[www.flowfitonline.com](http://www.flowfitonline.com)  
TECH. DATA SHEET  
**DCV3**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.13.042	Bucher 1 Bank, 1/2" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	400	£102.13	€ 115.41

MANUFACTURING ORDER CODE: -  
HDM11S/1K03/150/A01/L100



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.23.043	Bucher 2 Bank, 1/2" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	400	£143.24	€ 161.86

MANUFACTURING ORDER CODE: -  
HDM11S/2K03/150/A01A01/L100



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.33.044	Bucher 3 Bank, 1/2" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	400	£169.25	€ 191.25

MANUFACTURING ORDER CODE: -  
HDM11S/3K03/150/AAA01/L100



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.43.040	Buchser 4 Bank, 1/2" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	400	£230.92	€ 260.94
MANUFACTURING ORDER CODE: - HDM11S/4K03150/AAAA01/L100				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.53.037	Buchser 5 Bank, 1/2" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	400	£275.64	€ 311.47
MANUFACTURING ORDER CODE: - HDM11S/5K03150/AAAAA01/L100				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0611.63.015	Buchser 6 Bank, 1/2" BSP, 45 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	400	£320.47	€ 362.13
MANUFACTURING ORDER CODE: - HDM11S/6K03150/AAAAAA01/L100				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ001869	Buchser 1 Bank, 1/2" BSP, 45 L/Min Hose-Reel Hydraulic Monoblock Valve, Without Flow Control	400	£152.48	€ 172.30
MANUFACTURING ORDER CODE: - HDM11S/1(15)KC3/Z04L100				

## HDM140 & HDM11 SPARES



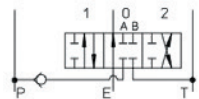
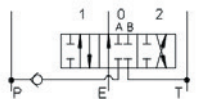


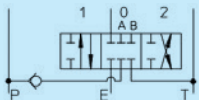
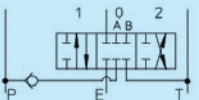


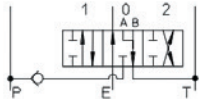
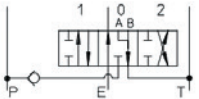


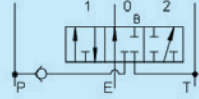
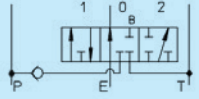


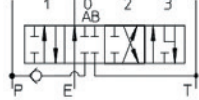
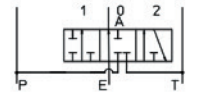


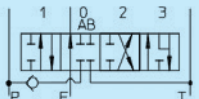

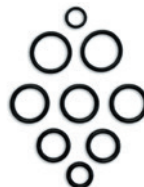
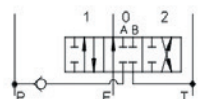
HANDLEVERS							
PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.7022.1019.0	 <p>Hydraulic Control Valve Hand Lever, M8 X 150mm, Black Knob, For Bucher HDM140 &amp; HDM11</p>	£2.65	€ 2.99	200.9759.2007.0	 <p>HDS11 L133 Joystick, No Rubber Boot</p>	£111.09	€ 125.53
200.7022.1003.0	 <p>Hydraulic Control Valve Hand Lever, M8 X 200mm, Black Knob, For Bucher HDM140 &amp; HDM11</p>	£2.65	€ 2.99	200.9759.2008.0	 <p>HDM11P Only, L135 Joystick, No Rubber Boot</p>	£105.67	€ 119.41
200.7022.1006.0	 <p>Hydraulic Control Valve Hand Lever, M8 X 300mm, Black Knob, For Bucher HDM140 &amp; HDM11</p>	£2.94	€ 3.32	200.9759.2020.0	 <p>L135 Joystick Kit, HDM11P Only</p>	£105.67	€ 119.41
200.7022.1005.0	 <p>Hydraulic Control Valve Hand Lever, M8 X 250mm, Black Knob, For Bucher HDM140, HDM11 &amp; HDS11</p>	£2.38	€ 2.69	200.5461.2800.1	 <p>Rubber Boot for L133 Joystick Control HDS11</p>	£5.62	€ 6.35
200.9759.2004.0	 <p>L247-447 Lever Joystick HDM11S</p>	£97.97	€ 110.70				

## MAIN RELIEF VALVES



PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.6624.0145.0	 <p>Spring, 30-95 Bar, HDM140, HDM11P, HDM11S, HDM18, HDS07, HDS11 &amp; HDS15</p>	£2.24	€ 2.53	200.6624.0077.0	 <p>Spring, 131-300 Bar, HDM11 &amp; HDS11, OA &amp; UC Port Only</p>	£2.43	€ 2.74
200.6624.0146.0	 <p>Spring, 210-320 Bar, HDM140, HDM11P, HDM11S, HDM18, HDS07, HDS11 &amp; HDS15</p>	£2.24	€ 2.53	200.7874.0074.0	 <p>Relief Valve Cartridge, 96-210 Bar, To suit HDM140, HDM11 &amp; HDM18</p>	£11.42	€ 12.91
200.6624.0147.0	 <p>Spring, 0-30 Bar, HDM140, HDM11P, HDM11S, HDM18, HDS07, HDS11 &amp; HDS15</p>	£2.97	€ 3.36	200.7784.0004.0	 <p>Plugs Port Relief Valve, HDM11S &amp; HDS11, For C/ OA/UC</p>	£7.75	€ 8.76
200.6624.0148.0	 <p>Spring, 96-210 Bar, HDM140, HDM11P, HDM11S, HDM18, HDS07, HDS11 &amp; HDS15</p>	£2.24	€ 2.53	200.7784.0005.0	 <p>Port Plugs, C/OA/UC, HDM11S, HDS11, HDM18 &amp; HDS15</p>	£8.20	€ 9.27
200.6624.0149.0	 <p>Spring, 300-400 Bar, HDM140, HDM11P, HDM11S, HDM18, HDS07, HDS11 &amp; HDS15</p>	£4.96	€ 5.60				













# **SPOOLS**

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.6512.0114.0	ASA Spool, To suit HDM140	£8.38	€ 9.47	200.6512.0126.0	AS Spool, To suit HDM11 & HDS11	£16.54	€ 18.69
							
							
200.6512.0402.0	B Spool, To suit HDM140	£15.90	€ 17.96	200.6512.0408.0	B Spool, To suit HDM11 & HDS11	£21.75	€ 24.57
							
							
200.6512.0736.0	CSL Spool, To suit HDM140	£24.94	€ 28.18	200.6512.0715.0	C Spool, To suit HDM11 & HDS11	£16.54	€ 18.69
							
							
200.6512.1905.1	G Spool, To suit HDM140	£19.82	€ 22.40	200.6512.1909.1	G Spool, To suit HDM11 & HDS11	£16.54	€ 18.69
							
							
200.6512.7605.1	Z Spool, To suit HDM140	£23.69	€ 26.77	200.6512.5510.0	S Spool, To suit HDM11P & HDM11S	£16.54	€ 18.69
							
							
200.5141.3791.0	Spool Seal, To suit HDM140, HDM11 & HDS11	£0.27	€ 0.31	200.7512.7601.0	Z Spool, To suit HDM11 & HDS11	£22.91	€ 25.89
							
							
200.6512.0122.1	A Spool, To suit HDM11 & HDS11	£16.54	€ 18.69	200.9738.0029.1	Seal Kit HDM-HDS11	£3.30	€ 3.73
							
							


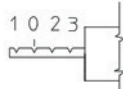




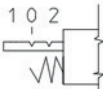
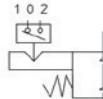

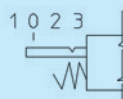
## LEVER PIVOT BOXES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.9070.2041.0	 Lever Pivot Box, To suit HDM140, HDM11P & HDM11S	£9.42	€ 10.64	200.7070.2050.0	 HDM140, HDM11P/S Pivot Box, Use with 90 Degree Plate	£10.31	€ 11.65

## POSITIONER KITS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.7685.1001.0	 01 Position, To suit HDM140, HDM11 & HDS11	£6.02	€ 6.80	200.7685.1110.0	 Position 16, To suit HDM140, HDM11 & HDS11	£12.18	€ 13.76
200.7685.1005.0	 Position 06, To suit HDM140, HDM11 & HDS11	£8.95	€ 10.11	200.7685.2001.0	 Position 03, To suit HDM140, HDM11 & HDS11	£14.69	€ 16.60
200.7685.1021.0	 Position 12, To suit HDM140, HDM11 & HDS11	£12.36	€ 13.97	200.7685.2005.0	 Position 05, To suit HDM140, HDM11 & HDS11	£14.50	€ 16.39
200.7685.1040.0	 Position 17, To suit HDM140, HDM11 & HDS11	£15.35	€ 17.35	200.7685.2027.0	 Position 07, Detent in Forward/Middle Position, To suit HDM140, HDM11 & HDS11	£14.69	€ 16.60
200.7685.1109.0	 Position 15, To suit HDM140, HDM11 & HDS11	£11.61	€ 13.12	200.7685.2028.0	 Position 106, Detent, To suit HDM140 & HDM11	£26.24	€ 29.65

## POSITIONER KITS CONT.

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.7685.2029.0	 Position 38, To suit HDM140, HDM11 & HDS11	£30.86	€ 34.87	200.6780.0008.0	 Plastic Cap, Position 01, To suit HDM140, HDS10, HDM11 & HDS11	£0.21	€ 0.24
							
200.7685.3001.0	 Position 02, To suit HDM140, HDM11 & HDS11	£16.97	€ 19.17	200.6780.0009.0	 Plastic Cap, Position 04, To suit HDM140, HDS10, HDM11 & HDS11	£0.38	€ 0.43
							
200.7685.3010.0	 Position 20, Spring Return Detent, To suit HDM140, HDM11 & HDS11	£16.97	€ 19.17	200.9625.0006.0	 Microswitch, Position 30, Position 32, Position 34, Position 40, To suit HDM140 & HDM11	£12.14	€ 13.72
							
200.7685.4003.0	 Position 04, To suit HDM140, HDM11 & HDS11	£21.29	€ 24.06				
							

## TANK OUTLET AND PORT PLUGS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.5271.0640.1	 DIN906 Grub Screw Used on HPCO HDM11S K03 1/2" & HDS15 Only	£2.25	€ 2.54	200.5307.5167.2	 22 X 16,7 X 1,5 Copper Washer for 3/8" BSP Port Blanking Plug	£0.30	€ 0.34
200.5271.6020.1	 1/4" BSP DIN906 Grub Screw HDM11P K04 Only HPC/CC	£2.25	€ 2.54	200.9784.0014.0	 Relief Valve Blanking Plug, To suit HDM140, HDM11, HDM18, HDS07, HDS11, HDS15 & UP100	£2.88	€ 3.25
200.5273.6040.1	 3/8" BSP DIN908 Blanking Plug, Suits HDM140, HDM11 & HDS11	£2.51	€ 2.84	10996	 3/8" BSP Red Plastic Protection Plug	£0.20	€ 0.23
200.5273.6050.1	 1/2" BSP DIN908 Blanking Plug, C/W Seal	£2.39	€ 2.71	10590	 1/2" BSP Red Plastic Protection Plug	£0.25	€ 0.28

Cable Kit to suit HDM140, HDM11P, HDM18 Valve

### Kits Includes:

- Cable
- Valve Connection
- Lever Command







Valve Not Included



## BUCHER CABLE KITS TO SUIT VALVES

PART NO	LENGTH	TO SUIT	NETT PRICE	
			£ STERLING	€ EUROS
HDM140-1MTR-CABLE-KIT	1 Metre Cable	HDM140 Valve	£60.69	€ 68.58
HDM140-1.5MTR-CABLE-KIT	1.5 Metre Cable	HDM140 Valve	£60.69	€ 68.58
HDM140-2MTR-CABLE-KIT	2 Metre Cable	HDM140 Valve	£60.69	€ 68.58
HDM140-2.5MTR-CABLE-KIT	2.5 Metre Cable	HDM140 Valve	£60.69	€ 68.58
HDM140-3MTR-CABLE-KIT	3 Metre Cable	HDM140 Valve	£60.69	€ 68.58
HDM140-4MTR-CABLE-KIT	4 Metre Cable	HDM140 Valve	£60.69	€ 68.58
HDM11P-1MTR-CABLE-KIT	1 Metre Cable	HDM11P Valve	£60.69	€ 68.58
HDM11P-1.5MTR-CABLE-KIT	1.5 Metre Cable	HDM11P Valve	£60.69	€ 68.58
HDM11P-2MTR-CABLE-KIT	2 Metre Cable	HDM11P Valve	£60.69	€ 68.58
HDM11P-2.5MTR-CABLE-KIT	2.5 Metre Cable	HDM11P Valve	£60.69	€ 68.58
HDM11P-3MTR-CABLE-KIT	3 Metre Cable	HDM11P Valve	£60.69	€ 68.58
HDM11P-4MTR-CABLE-KIT	4 Metre Cable	HDM11P Valve	£60.69	€ 68.58

## CABLE KITS

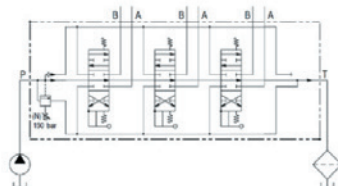
PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.5441.04002	 1 Metre Cable to suit Remote Cable Control	£38.55	€ 43.56	200.9609.0003.0	 L59 Spool Kit to suit Remote Cable Control, HDM140	£11.97	€ 13.53
200.5441.04006	 2 Metre Cable to suit Remote Cable Control	£42.04	€ 47.51	200.9609.0037.0	 L207 Spool Kit to suit Remote Cable Control, HDS11, HDM140, HDM11P/S	£11.42	€ 12.91
200.5441.04007	 2.5 Metre Cable to suit Remote Cable Control	£48.36	€ 54.65	200.7609.0013.0	 Remote Cable Control Lever Support for All Valves	£40.51	€ 45.78
200.5441.04008	 3 Metre Cable to suit Remote Cable Control	£49.37	€ 55.79	200.6772.0048.0	 Mounting Brackets for Remote Control Cable Kit for All Valves	£4.86	€ 5.49
200.5441.04009	 4 Metre Cable to suit Remote Cable Control	£60.25	€ 68.08				

**BUCHER**  
hydraulics

**1/2" MONOBLOCK  
CONTROL VALVES,  
70 L/MIN**

**HDM18 SERIES**

www.flowfitonline.com  
TECH. DATA SHEET  
**DCV4**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0718.13.002	Bucher 1 Bank, 1/2" BSP, 70 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	400	£121.55	€ 137.35
MANUFACTURING ORDER CODE: - HDM18/1K02/150/A08/L100				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0718.23.001	Bucher 2 Bank, 1/2" BSP, 70 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	400	£172.99	€ 195.48
MANUFACTURING ORDER CODE: - HDM18/2K02/150/A08A08/L100				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0718.33.008	Bucher 3 Bank, 1/2" BSP, 70 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	400	£225.65	€ 254.98
MANUFACTURING ORDER CODE: - HDM18/3K02/150/AAA08/L100				



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0718.43.007	Buchser 4 Bank, 1/2" BSP, 70 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	400	£276.53	€ 312.48

MANUFACTURING ORDER CODE: -  
HDM18/4K02/150/AAAA08/L100



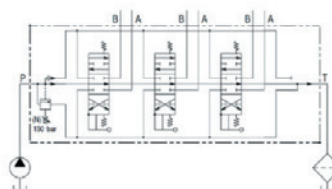
PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ000208	Buchser 1 Bank, 1/2" BSP, 70 L/Min Hose-Reel Hydraulic Monoblock Valve, Without Flow Control	400	£176.75	€ 199.72

MANUFACTURING ORDER CODE: -  
HDM18/1(15)K02/Z136L100

**BUCHER**  
hydraulics

## 3/4" MONOBLOCK CONTROL VALVES, 100 L/MIN HDM25 SERIES

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TECH. DATA SHEET  
**DCV5**



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0725.14.001	Buchser 1 Bank, 3/4" BSP, 100 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	320	£381.43	€ 431.02

MANUFACTURING ORDER CODE: -  
HDM25/1K03/150/A01/L100









PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
200.0725.24.001	Buchser 2 Bank, 3/4" BSP, 100 L/Min Double Acting Spring Return Lever Operated Hydraulic Monoblock Valve	320	£557.00	€ 629.41

MANUFACTURING ORDER CODE: -  
HDM25/2K03/150/A01A01/L100



## HDM18 & HDM25 SPARES



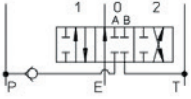
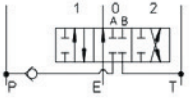


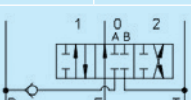



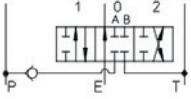
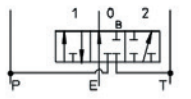


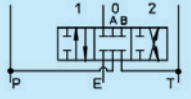
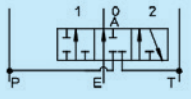


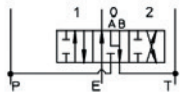
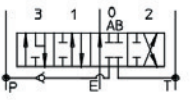


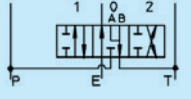

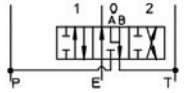
### HANDLEVERS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.7022.2001.0	 Hydraulic Control Valve Hand Lever, M10 X 185mm, Black Knob, For Bucher HDM18 And HDM25	£3.23	€ 3.65	200.7022.2005.0	 Hydraulic Control Valve Hand Lever, M10 X 350mm, Black Knob, For Bucher HDM18 And HDM25	£3.54	€ 4.00
200.7022.2003.0	 Hydraulic Control Valve Hand Lever, M10 X 250mm, Black Knob, For Bucher HDM18 And HDM25	£3.23	€ 3.65	200.7022.2018.0	 Hydraulic Control Valve Hand Lever, M10 X 200mm, Black Knob, For Bucher HDS15, HDS20, HDS30, HDM18 & HDM25	£6.32	€ 7.14
200.7022.2004.0	 Hydraulic Control Valve Hand Lever, M10 X 300mm, Black Knob, For Bucher HDM18 And HDM25	£3.47	€ 3.92	200.9759.3009.0	 L133/L134 Joystick, For Bucher HDM18 & HDS15	£87.93	€ 99.36



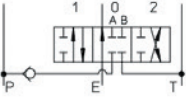
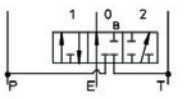


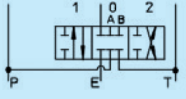
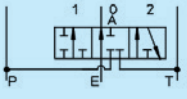


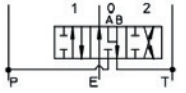
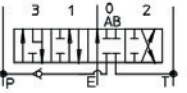
## MAIN RELIEF VALVES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.6624.0074.0	 Spring, 30-95 Bar, For Inlet Relief, HDM25 & HDS20	£3.40	€ 3.84	200.6624.0115.0	 Spring, 0-130 Bar, OA & UC Port Only, HDM18 & HDS15	£4.42	€ 5.00
200.6624.0075.0	 Spring, 96-210 Bar, Main Relief Valve, HDM25 & HDS20	£3.82	€ 4.32	200.6624.0120.0	 Spring, 321-400 Bar, To suit Main Relief Valve, HDM25 & HDS20	£9.36	€ 10.57
200.6624.0076.0	 Spring, 211-320 Bar, For Main Inlet Relief Valve, HDM25 & HDS20	£3.82	€ 4.32	200.6624.0105.0	 Spring, 30-95 Bar, UC/AB, HDS20 & HDS30	£2.64	€ 2.98
200.6624.0116.0	 Spring, 131-350 Bar, OA & UC Port Only, HDM18 & HDS15	£5.29	€ 5.98	200.7874.0080.2	 Spring, 96-210 Bar, Relief Valve, HDS20 & HDM25	£30.19	€ 34.11



## SPOOLS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.6514.0101.0	A Spool, To suit HDM18 & HDS15, Can be used with EHI263 Kit	£18.83	€ 21.27	200.6514.0725.0	APP Spool, To suit HDM18	£47.48	€ 53.65
							
							
200.6514.0125.0	APP Spool, To suit HDM18 & HDS15	£18.83	€ 21.27	200.6514.1901.0	G Spool, To suit HDM18 & HDS15, Can be used with EHI263 Kit	£18.83	€ 21.27
							
							
200.6514.0150.0	APD Spool, To suit HDM18 & HDS15, EPPKIT, For EPP344-12VDC & EPP343-24VDC	£32.94	€ 37.22	200.6514.1913.0	GPD Spool, To suit HDS15 EPP Kit Only, EPP344-12VDC & EPP343-24VDC	£33.01	€ 37.30
							
							
200.6514.0405.0	B Spool, To suit HDM18 & HDS15	£30.86	€ 34.87	200.6514.5501.0	S Spool, To suit HDM18 & HDS15, Can be used with EHI263 Kit	£18.83	€ 21.27
							
							
200.6514.0701.0	C Spool, To suit HDM18 & HDS15, Can be used with EHI263 Kit	£18.83	€ 21.27	200.6514.7601.1	Z Spool, To suit HDM18 & HDS15, Can be used with EHI263 Kit	£22.68	€ 25.63
							
							
200.6514.0710.0	CPP Spool, To suit HDM18	£47.48	€ 53.65	200.5141.3841.0	HDM18 & HDS15 Spool O'Ring	£0.27	€ 0.31
							
							
200.6514.0723.0	CPD Spool, To suit HDS15 EPP Kit Only, EPP344-12VDC & EPP343-24VDC	£32.94	€ 37.22				
							
							

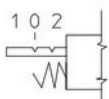

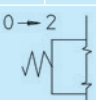
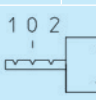




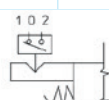


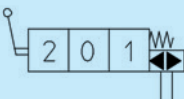
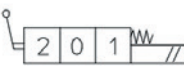
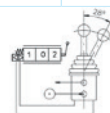
## SPOOLS CONT.

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.6516.0101.0	A Spool, To suit HDM25 & HDS20	£20.45	€ 23.11	200.6516.1901.0	G Spool, To suit HDM25 & HDS20	£20.73	€ 23.42
							
							
200.6516.0401.0	B Spool, To suit HDM25 & HDS20	£20.45	€ 23.11	200.6516.5501.0	S Spool, To suit HDM25 & HDS20	£53.62	€ 60.59
							
							
200.6516.0701.0	C Spool, To suit HDM25 & HDS20	£20.45	€ 23.11	200.6516.7601.1	Z Spool, To suit HDM25 & HDS20	£27.39	€ 30.96
							
							


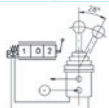

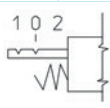

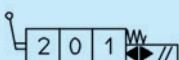

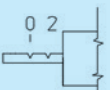



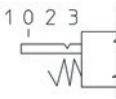



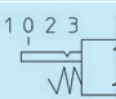

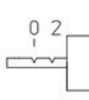





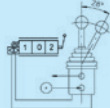



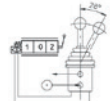
## LEVER PIVOT BOXES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.9070.2042.0	Lever Pivot Box, To suit HDM18, HDS15, HDS130 & HDM12. L100-L300	£14.01	€ 15.83	200.9071.2035.0	Lever Pivot Box, To suit HDS20 & HDM25. L100-L300	£32.25	€ 36.44
							
200.9070.2043.0	C Spool, To suit HDM25 & HDS20	£16.20	€ 18.31				
							

## POSITIONER KITS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.7685.3009.0	Position 20, HDM18 & HDS15	£14.46	€ 16.34	200.9686.1180.0	EPP343 Electromagnetic, To suit HDM18 & HDS15	£227.43	€ 257.00
							
200.7685.3025.0	Position 29, To suit HDS15	£19.12	€ 21.61	200.9686.2014.0	Position 17, To suit HDM18 & HDS15	£16.46	€ 18.60
							
200.9686.1008.0	Position 08, To suit HDM18 & HDS15	£16.51	€ 18.65	200.9686.2015.0	Position 25, To suit HDM18 & HDS15	£16.46	€ 18.60
							
200.9686.1031.0	Position 133, Spring Return Lighter Spring, To suit HDM18 & HDS15	£16.54	€ 18.69	200.9686.2017.0	Position 36, To suit HDM18 & HDS15	£31.63	€ 35.74
							
200.9686.1065.0	Position 34, To suit HDM18 & HDS15	£19.69	€ 22.25	200.9686.3004.0	Position 10, To suit HDM18 & HDS15	£16.46	€ 18.60
							
200.9686.1066.0	Position 37, To suit HDM18 & HDS15	£11.69	€ 13.21	200.9686.5011.0	HP24 Position, To suit HDM18 & HDS15	£75.57	€ 85.39
							
200.9686.1179.0	EPP344 Electromagnetic, To suit HDM18 & HDS15	£225.25	€ 254.53	200.9686.6023.0	EP77 Kit 12V DC, To suit HDM18 & HDS15	£244.55	€ 276.34
							

# POSITIONER KITS CONT.

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.9686.6026.0	EP78 Kit 24V DC, To suit HDM18 & HDS15	£244.55	€ 276.34	200.9686.3002.0	Position 02, To suit HDM25, HDS20 & HDS30	£29.24	€ 33.04
							
200.9686.6038.0	EH1263 Kit, To suit HDM18 & HDS15	£314.75	€ 355.67	200.9686.3008.0	Position 19, To suit HDM25, HDS20 & HDS30	£35.52	€ 40.14
							
200.9686.1002.0	Position 5, To suit HDM25, HDS20 & HDS30	£23.68	€ 26.76	200.9686.4007.0	Position 25, To suit HDS30 Float Kit	£55.88	€ 63.15
							
200.9686.2002.0	Position 03, To suit HDM25, HDS20 & HDS30	£35.52	€ 40.14	200.9686.4009.0	Position 128, To suit HDS20 & HDS30 Float Kit	£53.78	€ 60.77
							
200.9686.2004.0	Position 05, To suit HDM25	£31.62	€ 35.73	200.9686.5020.0	Position 50, To suit HDM25 & HDS20	£88.79	€ 100.33
							
200.9686.2007.0	Position 07, To suit HDM25, HDS20 & HDS30	£56.88	€ 64.27	200.9686.6024.0	EP77 12V DC, To suit HDM25, HDS20 & HDS30	£139.81	€ 157.98
							
200.9686.2009.0	Position 11, To suit HDM25, HDS20 & HDS30	£48.64	€ 54.96	200.9686.6027.0	EP78 24V DC, To suit HDM25, HDS20 & HDS30	£295.97	€ 334.45
							

## POSITIONER KITS CONT.

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.9686.6039.0	 <p>EH1263 Kit, To suit HDM25, HDS20 &amp; HDS30</p> 	£316.47	€ 357.61	200.6624.0088.0	 <p>Spring, HP24, EP77, EP78, To suit HDM18, HDM25, HDS15, HDS20 &amp; HDS30, 7.5MM</p>	£3.02	€ 3.42
200.6749.1003.0	 <p>12V DC Solenoid for EHI-EHE Fits HDS15 &amp; HDM18</p>	£12.51	€ 14.13	200.6660.0006.0	 <p>Spring Cap, HP24, EP77, EP78, To suit HDM18, HDM25, HDS15, HDS20 &amp; HDS30, 7.5MM</p>	£1.81	€ 2.04
200.6749.1005.0	 <p>12V DC Solenoid for EL11K204/263</p>	£18.59	€ 21.00	200.9625.0001.0	 <p>Microswitch for HDM18, HDS15 &amp; HDS20</p>	£31.48	€ 35.57
200.6749.2003.0	 <p>24V DC Solenoid for EHI-EHE Fits HDS15 &amp; HDM18</p>	£12.54	€ 14.17				



## POSITIONER SPARES

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.5216.0300.5	 Bolt M6 X 115mm, HP24, EP77, EP78, To suit HDM18, HDS15, HDS20 & HDS30	£2.39	€ 2.71	200.5441.10012	 Herschmann Connector AC Rated, 24V AC - 110V AC & 240V AC Only	£6.91	€ 7.81
200.5412.1001.0	 12V DC Coil, EP77, EP78, To suit HDM18 & HDS15	£18.83	€ 21.27	200.6532.0022.0	 Spacer 12.5mm, HP24, EP77, EP78, To suit HDM18 & HDS15	£1.30	€ 1.47
200.5412.2001.0	 24V DC Coil, EP77, EP78, To suit HDS15, HDS20 & HDS30	£52.08	€ 58.85	200.6532.0069.0	 Spacer 10mm, HP24, EP77, EP78, To suit HDM25, HDS20 & HDS30	£0.54	€ 0.61
200.5441.10009	 Herschmann Connector DC Rated, 12V DC & 24V DC	£2.59	€ 2.93				

## TANK OUTLET AND PORT PLUGS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.7874.0157.0	 VCP Return Back Pressure Valve, To suit HDM18 & HDS15	£45.15	€ 51.02	200.7784.0016.0	 RV Blanking Plug, HDS20 & HDM25	£4.61	€ 5.21
200.7874.0158.0	 VCP Return Back Pressure Valve, To suit HDS20, HDS30 & HDM25	£46.05	€ 52.04	200.7872.0081.0	 VS Restrictor Valve, To suit HDM18	£7.75	€ 8.76
200.7700.0045.0	 HDM18 3/4" BSP HPC Assembly	£15.47	€ 17.48	10590	 1/2" BSP Red Plastic Protection Plug	£0.25	€ 0.28
200.7700.0004.0	 HDM25 3/4" BSP HPCO	£15.47	€ 17.48	10731	 3/4" BSP Red Plastic Protection Plug	£0.35	€ 0.40

## CABLE KITS

PART NO	DESCRIPTION	NETT PRICE		PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS			£ STERLING	€ EUROS
200.9609.0001.0	 L191 Spool Kit, Remote Cable, To suit HDM18 & HDS15	£ 15.39		200.7609.0013.0	 Remote Cable Control Lever, Suitable for All Valves	£40.51	€ 45.78
200.9609.0002.0	 L191 Spool Kit, Remote Cable, To suit HDM25, HDS20 & HDS30	£13.69	€ 15.47	200.6772.0048.0	 Mounting Brackets for Remote Control Cable Kit, Suitable for All Valves	£4.86	€ 5.49

**Cable Kit to suit HDM25 Valve**

- Kits Includes:**
- Cable
  - Valve Connection
  - Lever Command

**Valve Not Included**



## BUCHER CABLE KITS TO SUIT VALVES

PART NO	LENGTH	TO SUIT	NETT PRICE	
			£ STERLING	€ EUROS
HDM18-1MTR-CABLE-KIT	1 Metre Cable	HDM18 Valve	£60.69	€ 68.58
HDM18-1.5MTR-CABLE-KIT	1.5 Metre Cable	HDM18 Valve	£60.69	€ 68.58
HDM18-2MTR-CABLE-KIT	2 Metre Cable	HDM18 Valve	£60.69	€ 68.58
HDM18-2.5MTR-CABLE-KIT	2.5 Metre Cable	HDM18 Valve	£60.69	€ 68.58
HDM18-3MTR-CABLE-KIT	3 Metre Cable	HDM18 Valve	£60.69	€ 68.58
HDM18-4MTR-CABLE-KIT	4 Metre Cable	HDM18 Valve	£60.69	€ 68.58
HDM25-1MTR-CABLE-KIT	1 Metre Cable	HDM25 Valve	£60.69	€ 68.58
HDM25-1.5MTR-CABLE-KIT	1.5 Metre Cable	HDM25 Valve	£60.69	€ 68.58
HDM25-2MTR-CABLE-KIT	2 Metre Cable	HDM25 Valve	£60.69	€ 68.58
HDM25-2.5MTR-CABLE-KIT	2.5 Metre Cable	HDM25 Valve	£60.69	€ 68.58
HDM25-3MTR-CABLE-KIT	3 Metre Cable	HDM25 Valve	£60.69	€ 68.58
HDM25-4MTR-CABLE-KIT	4 Metre Cable	HDM25 Valve	£60.69	€ 68.58

## SLICE DIRECTIONAL CONTROL VALVES TYPE HDS

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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	mm <sup>2</sup> /s	16 to 75				
Filtration	Micron	≤30				

### Directional valve

CONTROLS AVAILABLE

Lever / joystick for 2 valves / cable control / hydraulic or pn

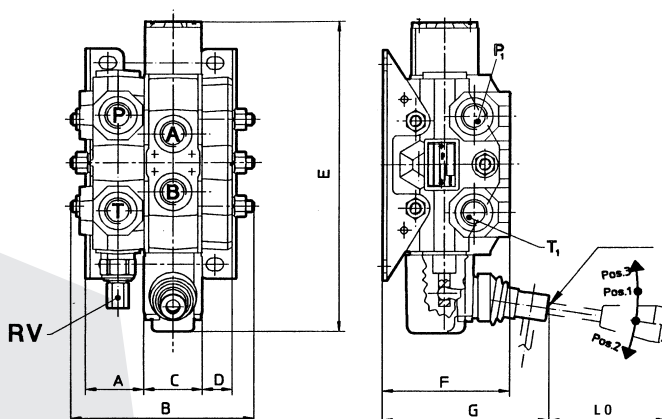
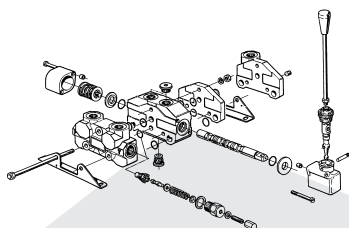
ELECTRO HYDRAULIC (ON/OFF) / ELECTRO PNEUMATIC PROPORTIONAL

### 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)

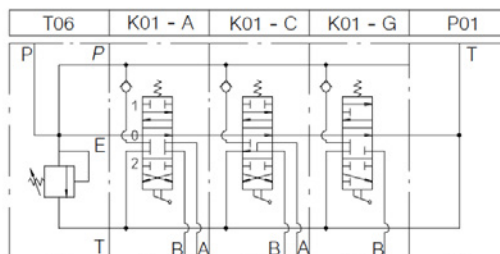


LEVER LENGTHS – MM					
HDM 140	150	200	250	300	-
HDS 11	150	200	250	300	-
HDS 15	-	185	250	300	350
HDS 20	-	185	250	300	350
HDS 30	-	185	250	300	350
SD25	150	200	250	300	-

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

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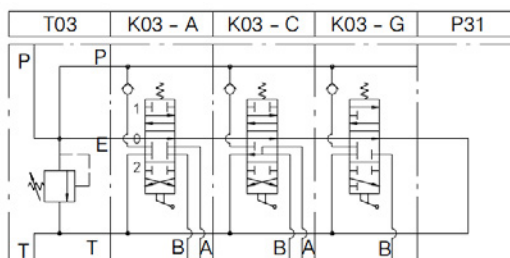


PART NO	DESCRIPTION	MAX FLOW L/MIN	OPERATING PRESSURE BAR	NETT PRICE	
				£ STERLING	€ EUROS
HDS11/1/STD	1 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	45	320	£142.31	€ 160.81
HDS11/2/STD	2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	45	320	£215.83	€ 243.89
HDS11/3/STD	3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	45	320	£288.41	€ 325.91
HDS11/4/STD	4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	45	320	£360.99	€ 407.92
HDS11/5/STD	5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	45	320	£434.53	€ 491.02
HDS11/6 /STD	6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	45	320	£508.05	€ 574.10
HDS11/7/STD	7 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	45	320	£580.63	€ 656.11
HDS11/8/STD	8 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	45	320	£654.17	€ 739.21
HDS11/9/STD	9 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	45	320	£727.71	€ 822.32
HDS11/10/STD	10 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	45	320	£800.29	€ 904.33

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

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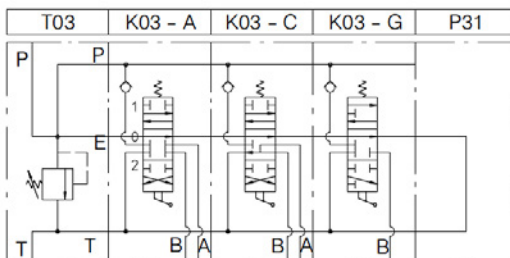


PART NO	DESCRIPTION	MAX FLOW L/MIN	OPERATING PRESSURE BAR	NETT PRICE	
				£ STERLING	€ EUROS
HDS15/1/STD	1 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	60	320	£179.54	€ 202.88
HDS15/2/STD	2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	60	320	£271.22	€ 306.47
HDS15/3/STD	3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	60	320	£362.89	€ 410.07
HDS15/4/STD	4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	60	320	£545.32	€ 616.21
HDS15/5/STD	5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	60	320	£545.32	€ 616.21
HDS15/6/STD	6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	60	320	£636.98	€ 719.79
HDS15/7/STD	7 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	60	320	£728.68	€ 823.41
HDS15/8/STD	8 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	60	320	£820.34	€ 926.99
HDS15/9/STD	9 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	60	320	£912.04	€ 1,030.61
HDS15/10/STD	10 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	60	320	£1,002.76	€ 1,133.12

## 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.

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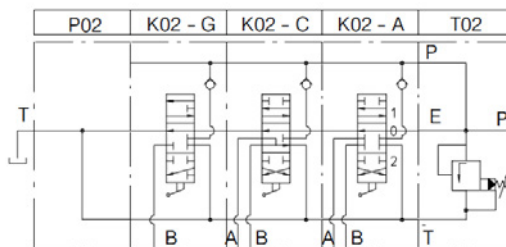


PART NO	DESCRIPTION	MAX FLOW L/MIN	OPERATING PRESSURE BAR	NETT PRICE	
				£ STERLING	€ EUROS
HDS20/1/STD	1 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	80	320	£234.86	€ 265.40
HDS20/2/STD	2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	80	320	£346.67	€ 391.73
HDS20/3/STD	3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	80	320	£458.42	€ 518.01
HDS20/4/STD	4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	80	320	£570.14	€ 644.26
HDS20/5/STD	5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	80	320	£681.88	€ 770.52
HDS20/6/STD	6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	80	320	£793.59	€ 896.76
HDS20/7/STD	7 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	80	320	£904.39	€ 1,021.96
HDS20/8/STD	8 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	80	320	£1,023.76	€ 1,156.85
HDS20/9/STD	9 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	80	320	£1,133.32	€ 1,280.65
HDS20/10/STD	10 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	80	320	£1,236.86	€ 1,397.65

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

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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	£311.33	€ 351.80
HDS30/2/STD	2 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	120	320	£439.26	€ 496.36
HDS30/3/STD	3 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	120	320	£570.14	€ 644.26
HDS30/4/STD	4 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	120	320	£694.29	€ 784.55
HDS30/5/STD	5 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	120	320	£825.12	€ 932.39
HDS30/6/STD	6 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	120	320	£957.87	€ 1,082.40
HDS30/7/STD	7 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	120	320	£1,078.20	€ 1,218.37
HDS30/8/STD	8 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	120	320	£1,209.02	€ 1,366.20
HDS30/9/STD	9 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	120	320	£1,333.17	€ 1,506.49
HDS30/10/STD	10 BANK DOUBLE ACTING SPRING RETURN LEVER OPERATED	120	320	£1,461.16	€ 1,651.11

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## 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"	£167.64	€ 189.44	
ZZ001871	HDS15/1(15)T03P31K03Z136 L100 C/W HANDLEVER	60	320	1/2"	1/2"	£207.09	€ 234.01	
ZZ001882	HDS20/1(15)T02P021K02/Z128 L100 C/W HANDLEVER	80	320	3/4",1/2"+1/2"	3/4"	£253.37	€ 286.30	
ZZ001883	HDS30/1(15)T02P021K02Z125 L100 C/W HANDLEVER	100	320	3/4"	3/4"	£344.70	€ 389.52	



# 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

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**BUCHER**  
hydraulics

PART NO	DESCRIPTION	FLOW L/MIN	MAX INTERMITTENT PEAK PRESSURE BAR	PORT SIZE BSP		NETT PRICE	
				P, A + B	T		
ZZ001864	HDS11/2(15)T09/P04/K90 - 2 /K09Z04L100	45	320	3/8"	3/8"	£297.37	€ 336.03
ZZ001865	HDS15/2(15)T03/P31/K90 - 3 /K03Z136L100	60	320	1/2"	1/2"	£370.19	€ 418.31

£ STERLING € EUROS

Cable Kit to suit HDS11, HDS15, HDS20, HDS30 Valve

Kits Includes:  
• Cable  
• Valve Connection  
• Lever Command

Valve Not Included



## BUCHER CABLE KITS TO SUIT VALVES

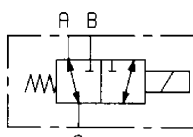
PART NO	LENGTH	TO SUIT	NETT PRICE	
			£ STERLING	€ EUROS
HDS11-1MTR-CABLE-KIT	1 Metre Cable	HDS11 Valve	£60.69	€ 68.58
HDS11-1.5MTR-CABLE-KIT	1.5 Metre Cable	HDS11 Valve	£60.69	€ 68.58
HDS11-2MTR-CABLE-KIT	2 Metre Cable	HDS11 Valve	£60.69	€ 68.58
HDS11-2.5MTR-CABLE-KIT	2.5 Metre Cable	HDS11 Valve	£60.69	€ 68.58
HDS11-3MTR-CABLE-KIT	3 Metre Cable	HDS11 Valve	£60.69	€ 68.58
HDS11-4MTR-CABLE-KIT	4 Metre Cable	HDS11 Valve	£60.69	€ 68.58
HDS15-1MTR-CABLE-KIT	1 Metre Cable	HDS15 Valve	£60.69	€ 68.58
HDS15-1.5MTR-CABLE-KIT	1.5 Metre Cable	HDS15 Valve	£60.69	€ 68.58
HDS15-2MTR-CABLE-KIT	2 Metre Cable	HDS15 Valve	£60.69	€ 68.58
HDS15-2.5MTR-CABLE-KIT	2.5 Metre Cable	HDS15 Valve	£60.69	€ 68.58
HDS15-3MTR-CABLE-KIT	3 Metre Cable	HDS15 Valve	£60.69	€ 68.58
HDS15-4MTR-CABLE-KIT	4 Metre Cable	HDS15 Valve	£60.69	€ 68.58
HDS20-1MTR-CABLE-KIT	1 Metre Cable	HDS20 Valve	£60.69	€ 68.58
HDS20-1.5MTR-CABLE-KIT	1.5 Metre Cable	HDS20 Valve	£60.69	€ 68.58
HDS20-2MTR-CABLE-KIT	2 Metre Cable	HDS20 Valve	£60.69	€ 68.58
HDS20-2.5MTR-CABLE-KIT	2.5 Metre Cable	HDS20 Valve	£60.69	€ 68.58
HDS20-3MTR-CABLE-KIT	3 Metre Cable	HDS20 Valve	£60.69	€ 68.58
HDS20-4MTR-CABLE-KIT	4 Metre Cable	HDS20 Valve	£60.69	€ 68.58
HDS30-1MTR-CABLE-KIT	1 Metre Cable	HDS30 Valve	£60.69	€ 68.58
HDS30-1.5MTR-CABLE-KIT	1.5 Metre Cable	HDS30 Valve	£60.69	€ 68.58
HDS30-2MTR-CABLE-KIT	2 Metre Cable	HDS30 Valve	£60.69	€ 68.58
HDS30-2.5MTR-CABLE-KIT	2.5 Metre Cable	HDS30 Valve	£60.69	€ 68.58
HDS30-3MTR-CABLE-KIT	3 Metre Cable	HDS30 Valve	£60.69	€ 68.58
HDS30-4MTR-CABLE-KIT	4 Metre Cable	HDS30 Valve	£60.69	€ 68.58

## SOLENOID DIVERTER VALVES

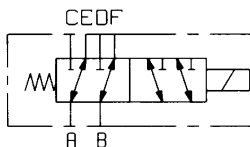
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**DCV21**

Diverter valves 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.

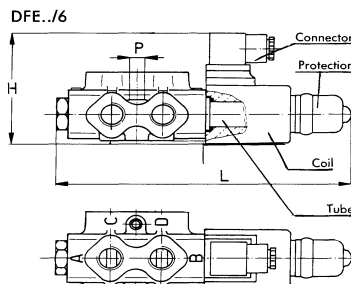
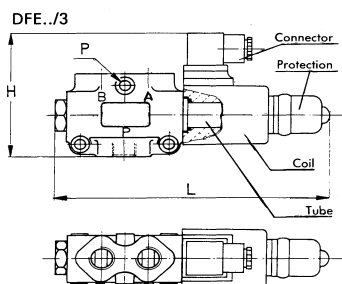
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3 WAY



6 WAY



Note: for DFE 10-DFE 20 units the 2 way version is obtained by plugging A or B port of a DFE..1/3

Type	H		L		O		P	Weight		Details for Y drain connection
	mm	in	mm	in	mm	in		Kg	lb	
<b>DFE 052/3</b>	84	3.30	182	7.16	23	0.90	6,5	1,7	3.7	
<b>DFE 052/6</b>	84	3.30	197	7.75	23	0.90		1,9	4.2	
<b>DFE 10/3</b>	105	4.13	215	8.46	24	0.94	8,5	2,9	6.4	
<b>DFE 10/6</b>	103	4.05	242	9.52	24	0.94		3,7	8.1	
<b>DFE 20/3</b>	114	4.48	241	9.48	17	0.67	10,5	5,2	11.5	
<b>DFE 20/6</b>	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	CENTRE	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	Open	30	160	250	1.6	£103.22	€ 116.63
12A240040	3/8"	DFE052	24V DC	Open	30	160	250	1.6	£103.25	€ 116.67
12A440013	1/2"	DFE10	12V DC	Open	60	160	250	2.9	£130.42	€ 147.38
12A440025	1/2"	DFE10	24V DC	Open	60	160	250	2.9	£130.42	€ 147.38
12A640014	3/4"	DFE20	12V DC	Open	110	160	250	4.2	£172.32	€ 194.72
12A640026	3/4"	DFE20	24V DC	Open	110	160	250	4.2	£172.32	€ 194.72

### 6 WAY SOLENOID DIVERTER VALVES

PART NUMBER	PORT SIZE BSP	TYPE	VOLTAGE	CENTRE	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	Open	30	160	250	2	£122.49	€ 138.42
12A270035	3/8"	DFE053	12V DC	Closed in Transit	30	160	250	2	£102.04	€ 115.30
12A270026	3/8"	DFE052	12V DC	Closed	30	160	250	2	£102.04	€ 115.30
12A270023	3/8"	DFE052	24V DC	Open	30	160	250	2	£102.03	€ 115.29
12A270031	3/8"	DFE052	24V DC	Closed	30	160	250	2	£172.32	€ 194.72
12A470013	1/2"	DFE10	12V DC	Open	60	160	250	3.7	£146.78	€ 165.86
12A480013	1/2"	DFE10	12V DC	Closed	60	160	250	3.7	£146.78	€ 165.86
12A470025	1/2"	DFE10	24V DC	Open	60	160	250	3.7	£146.79	€ 165.87
12A670014	3/4"	DFE20	12V DC	Open	110	160	250	6.3	£194.20	€ 219.44
12A670026	3/4"	DFE20	24V DC	Open	110	160	250	6.3	£194.20	€ 219.44

**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	£3.70	€ 4.18
5GIU001	DRAIN CONNECTOR TO SUIT DFE052	£11.18	€ 12.64
5GIU004	DRAIN CONNECTOR TO SUIT DFE10	£13.03	€ 14.72
5GIU007	DRAIN CONNECTOR TO SUIT DFE20	£15.82	€ 17.88

## LEVER OPERATED DIVERTER VALVES 'DF' SERIES



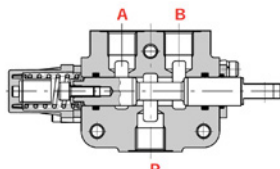
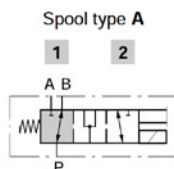
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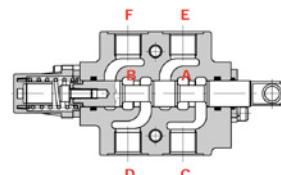
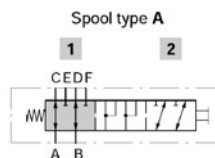
	DF5	DF10	DF20	DF25
N. of available ways	2-3-6	2-3-6	2-3-6	3
Nominal flow rating	60 l/min	90 l/min	140 l/min	280 l/min
Operating pressure (maximum)	315 bar 4600 psi	315 bar 4600 psi	315 bar 4600 psi	315 bar 4600 psi
Internal leakage A(B)→T	Ap=100 bar 1450 psi with fluid and valve at 40°C 5 cm <sup>3</sup>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

### 3 WAY

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



### 6 WAY



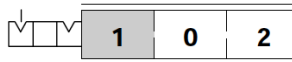
### WITH SPRING RETURN

#### 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
122014040	DF5/2B/17L 2 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT	3/8"	60	315	£56.39	€ 63.72
122014010	DF5/2BT/17SLP 2 PORT 2 POSITION SPRING RETURN NO LEVER BOX SPHERICAL SPOOL END	3/8"	60	315	£42.06	€ 47.53
122052040	DF5/3A/12/L 3 PORT 2 POSITION DETENT	3/8"	60	315	£66.15	€ 74.75
122054040	DF5/3A/17/L 3 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT	3/8"	60	315	£61.81	€ 69.85
122054020	DF5/3A/17SLP 3 PORT 2 POSITION SPRING CONTROL NO LEVER BOX	3/8"	60	315	£52.64	€ 59.48
122072040	DF5/3B/12L 3 PORT 2 POSITION CLOSED CENTRE DETENT	3/8"	60	315	£66.15	€ 74.75
122054050	DF5/3AC/17CB 3 PORT 2 POSITION OPEN CENTRE CAM CONTROLLED	3/8"	60	315	£68.32	€ 77.21
124052040	DF10/3A/12/L 3 PORT 2 POSITION DETENT	1/2"	90	315	£91.68	€ 103.59
124054040	DF10/3A/17/L 3 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT	1/2"	90	315	£83.00	€ 93.79
124054050	DF10/3A/17CB 3 PORT 2 POSITION NO LEVER BOX CAM OPERATED	1/2"	90	315	£90.33	€ 102.07
126052040	DF20/3A/12/L 3 PORT 2 POSITION DETENT	3/4"	140	315	£131.11	€ 148.16
126054040	DF20/3A/17/L 3 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT	3/4"	140	315	£121.42	€ 137.21
127052040	DF25/3A/12/L 3 PORT 2 POSITION DETENT	1"	280	315	£196.17	€ 221.67
127054040	DF25/3A/17/L 3 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT	1"	280	315	£180.99	€ 204.52
122082040	DF5/6A/12/L 6 PORT 2 POSITION DETENT	3/8"	60	315	£78.08	€ 88.23
122084040	DF5/6A/17/L 6 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT	3/8"	60	315	£73.74	€ 83.33
122084090	DF5/6A/17MEIB2 6 PORT 2 POSITION LOW PRESSURE HYDRAULIC PILOT	3/8"	60	315	£85.19	€ 96.26
122084140	DF5/6A/17PL 6 PORT 2 POSITION AIR PILOT + LEVER BOX OVERRIDE	3/8"	60	315	£127.86	€ 144.48
122094040	DF5/6B/17L 6 PORT 2 POSITION SPRING RETURN CLOSED CENTRE	3/8"	60	315	£73.73	€ 83.32
124082040	DF10/6A/12/L 6 PORT 2 POSITION DETENT	1/2"	90	315	£106.76	€ 120.64
124084040	DF10/6A/17/L 6 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT	1/2"	90	315	£98.09	€ 110.84
126082040	DF20/6A/12/L 6 PORT 2 POSITION DETENT	3/4"	140	315	£149.54	€ 168.98
126084040	DF20/6A/17/L 6 PORT 2 POSITION SPRING CONTROL BIAS TO 'B' PORT	3/4"	140	315	£139.79	€ 157.96



## HYDRAULIC AC POWER UNITS

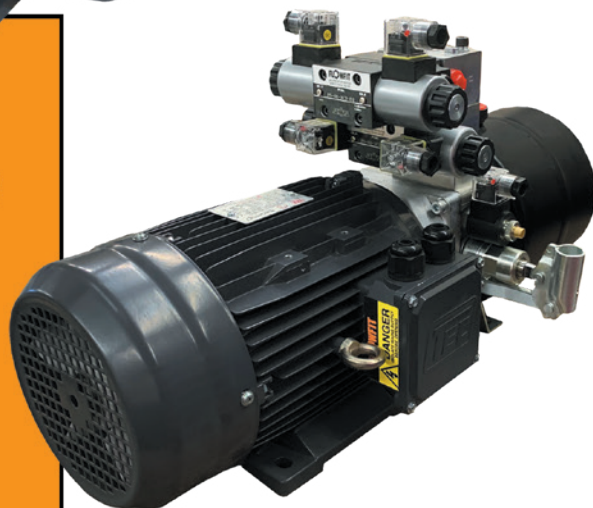


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# HYDRAULIC CARTRIDGE VALVES

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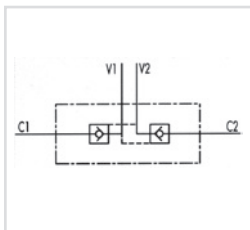
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## DOUBLE PILOT OPERATED CHECK VALVES



## DOUBLE PILOT OPERATED CHECK VALVES

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**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.

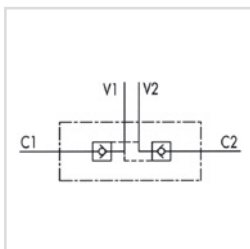
### ON REQUEST:

WITHOUT SEAL ON PILOT PISTON, 1 BAR SPRING, 8 BAR SPRING

CODE	TYPE	PORT SIZE	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	£21.57	€ 24.37
V0020	VBPDE 3/8" L	3/8"	1:5,5	35	350	3	£25.86	€ 29.22
V0030	VBPDE 1/2" L	1/2"	1:5	50	350	3	£30.94	€ 34.96
V0050	VBPDE 3/8"	3/8"	1:5	45	350	3.5	£36.94	€ 41.74
V0060	VBPDE 18	1/8"	1:5	45	350	3.5	£40.65	€ 45.93
V0070	VBPDE 1/2"	1/2"	1:4	70	350	3.5	£39.42	€ 44.54
V0040	VBPDE 3/4"	3/4"	1:4	100	300	2	£52.96	€ 59.84
V0061	VBPDE 18 L	M18 x 1.5 Metric	1:5	45	350	3.5	£31.51	€ 35.61

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

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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.

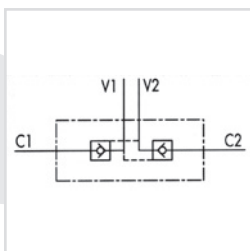
**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Poppet type:** No leakage

**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	£25.83	€ 29.19
V0110	VBPDE 3/8" L 2 CEXC 12L	3/8"	1:5,5	30	350	4	£30.18	€ 34.10
V0091	VBPDE 1/4" L 2 CEXC-10L	1/4"	XZ1:5,5	20	350	5.5	£32.67	€ 36.91

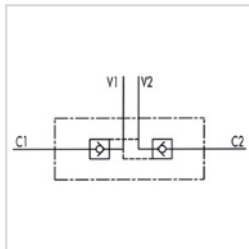


CODE	TYPE	BSP PORTS	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	CRACKING PRESSURE BAR	NETT. PRICE	
							£ STERLING	€ EUROS
V0130	VBPDE 3/8" L 2 CC 12L	3/8"	1:5,5	35	350	3	£32.66	€ 36.91
V0135	VBPDE 1/2" L 2 CC 15L	1/2"	1:5	50	350	3	£40.66	€ 45.93



## 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.

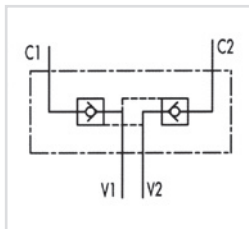
### ON REQUEST:

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	£41.90	€ 47.35

## DOUBLE PILOT OPERATED CHECK VALVES - TYPE A

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**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

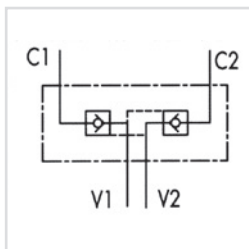
### ON REQUEST:

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	£33.25	€ 37.57
V0180	VBPDE 3/8" A	3/8"	1:5,5	30	350	4.5	£40.66	€ 45.93
V0190	VBPDE 1/2" A	1/2"	1:4,5	55	350	3	£56.66	€ 64.03
V0191	VBPDE 3/4" A	3/4"	1:3,9	100	350	3	£156.61	€ 176.97

## DOUBLE PILOT OPERATED CHECK VALVES FLANGEABLE

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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

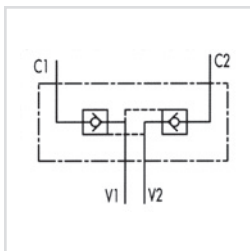
### ON REQUEST:

WITH OUT SEAL ON PILOT PISTON, 1 BAR SPRING, 8 BAR SPRING

CODE	TYPE	PORT SIZE	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	£44.71	€ 50.52
V0195	VBPDE 1/2" FL	1/2"	1:4,5	55	350	3	£56.66	€ 64.03
V0187	VBPDE 3/8" FL - L3=62	3/8" BSP	1:5,5	30	350	4.5	£51.69	€ 58.41
B5000	FLANGE FOR 3/8"						£12.00	€ 13.56
B5500	FLANGE FOR 1/2"						£13.95	€ 15.79

## DOUBLE PILOT OPERATED CHECK VALVES FLANGEABLE BY SCREW

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**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)

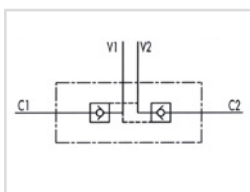
### ON REQUEST:

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	VBPE 1/4" A FLV	1/4"	1:5,5	20	350	4.5	£44.95	€ 50.79
V0180/FLV	VBPE 3/4" A FLV	3/4"	1:5,5	30	350	4.5	£56.66	€ 64.03
V0190/FLV	VBPE 1/2" A FLV	1/2"	1:4,5	55	350	5,5	£49.09	€ 55.47

## 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)

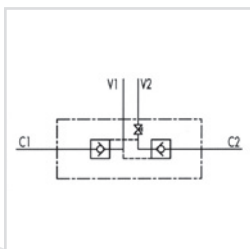
**Body:** zinc-plated steel, **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Poppet type:** No leakage

**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	VBPE 3/8" CYLINDRICAL	3/8"	1:5	45	350	3	£40.65	€ 45.93

## 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:

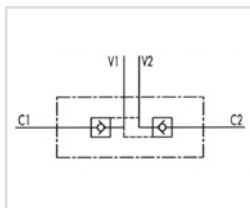
WITH OUT SEAL ON PILOT PISTON, RIGHT OR LEFT SIDE LEVER (TO SPECIFY IN THE ORDER)

CODE	TYPE	BSP PORTS	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	CRACKING PRESSURE BAR	NETT. PRICE	
							£ STERLING	€ EUROS
V0072/SX	VBPE 1/4" L C/RUBINETTO	1/4"	1:5,5	20	350	4	£34.84	€ 39.37
V0074/SX	VBPE 3/8" L C/RUBINETTO	3/8"	1:5,5	30	350	3	£35.50	€ 40.12
V0076/SX	VBPE 1/2" L C/RUBINETTO	1/2"	1:5	50	350	3	£42.74	€ 48.30
V0132*/SX	VBPE 1/4" L C/RUB. 2 CEXC 12L	1/4"	1:5,5	20	350	4	£36.56	€ 41.31
V0134*/SX	VBPE 3/8" L C/RUB. 2 CEXC 12L	3/8"	1:5,5	30	350	4	£36.56	€ 41.31
V0136*/SX	VBPE 1/2" L C/RUB.2 CC 15L	1/2"	1:5	50	350	3	£44.28	€ 50.04

\* = 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

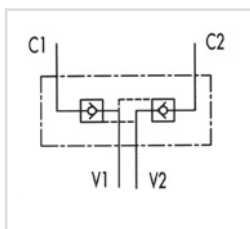
### ON REQUEST:

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	£33.25	€ 37.57
V0182	VBPDE 3/8" AL	3/8"	1:5,5	35	350	3	£39.42	€ 44.54

## 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.

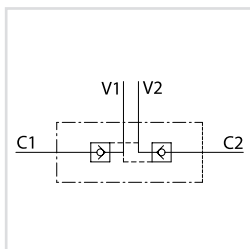
**Body:** Steel, **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Poppet type:** No leakage

**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	£55.05	€ 62.21
V1010	VBAS 80	1:5,5	25	350	2	£50.55	€ 57.12
V1012	VBAS 90	1:5,5	25	350	2	£60.81	€ 68.70

## 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	£51.86	€ 58.60
V0117	VBPDE 1/4" L CMP/FLV	1/4"	1:4,9	20	300	0,6	£57.69	€ 65.19

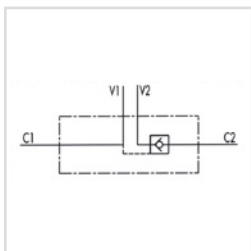
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## SINGLE PILOT OPERATED CHECK VALVES



### 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

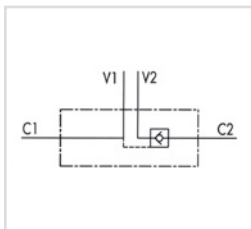
#### ON REQUEST:

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	VBPS 1/4" L 4 VIE	1/4"	15,5	20	350	4	£20.45	€ 23.12
V0230	VBPS 3/8" L 4 VIE	3/8"	1:5,5	35	350	3	£23.87	€ 26.97
V0240	VBPS 1/2" L 4 VIE	1/2"	1:5	50	350	6	£29.00	€ 32.77
V0250	VBPS 3/8" 4 VIE	3/8"	1:5	45	350	8	£23.87	€ 26.97
V0260	VBPS 1/2" 4 VIE	1/2"	1:4	70	350	3,5	£35.14	€ 39.71
V0245	VBPS 3/4" 4 VIE	3/4"	1:4	100	350	2	£50.23	€ 56.76

### 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

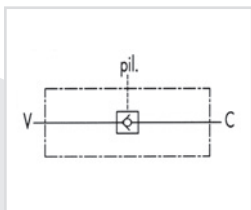
#### ON REQUEST:

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	VBPS 1/4" L 2 CEXC	1/4"	1:5,5	20	350	4	£27.63	€ 31.21
V0110/SE	VBPS 3/8" L 2 CEXC	3/8"	1:5,5	30	350	4	£27.63	€ 31.21
V0135/SE	VBPS 1/2" L 2 CC	1/2"	1:5	50	350	3	£36.41	€ 41.15

### 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

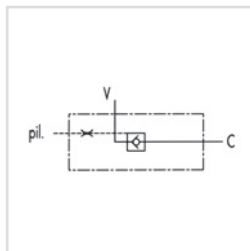
#### ON REQUEST:

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	£26.38	€ 29.80
V0202	VBPSL 3/8"	3/8"	1:6,5	30	300	5	£30.50	€ 34.47
V0203	VBPSL 1/2"	1/2"	1:4,6	45	300	3	£34.15	€ 38.58
V0204	VBPSL 3/4"	3/4"	1:4,4	80	250	0,5	£57.63	€ 65.14
V0205	VBPSL 1"	1"	1:3,5	120	220	1	£125.51	€ 141.83

## 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

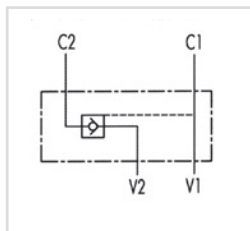
### ON REQUEST:

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	£28.50	€ 32.21
V0275	VBL/3 SE 3/8"	3/8"	1:8	40	350	3.5	£32.66	€ 36.91
V0277	VBL/3 SE 1/2"	1/2"	1:7	70	350	3.5	£36.66	€ 41.41

## 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

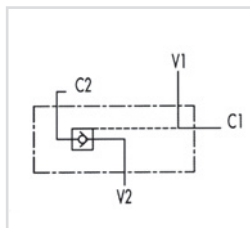
### ON REQUEST:

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	VBPE 1/4" A	1/4"	1:5.5	20	350	4.5	£33.52	€ 37.87
V0274	VBPE 3/8" A	3/8"	1:5.5	30	350	4.5	£34.53	€ 39.04
V0276	VBPE 1/2" A	1/2"	1:4.5	55	350	3	£41.45	€ 46.85

## 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

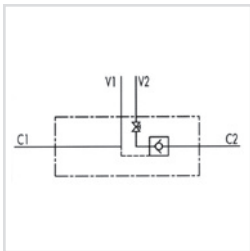
### ON REQUEST:

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	VBPE 1/4" FL	1/4"	1:5.5	20	350	4.5	£37.42	€ 42.28
V0269	VBPE 3/8" FL	3/8"	1:5.5	30	350	4.5	£38.31	€ 43.31
V0270	VBPE 1/2" FL	1/2"	1:4.5	55	350	3	£47.08	€ 53.20

## 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:

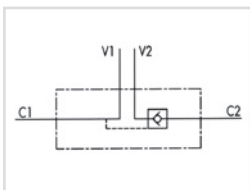
WITHOUT SEAL ON PILOT PISTON, RIGHT OF LEFT SIDE LEVER (TO SPECIFY IN THE ORDER)

CODE	TYPE	BSP PORTS	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	CRACKING PRESSURE BAR	NETT. PRICE	
							£ STERLING	€ EUROS
V0072/SE/SX	VBPS 1/4" L C/RUB.	1/4"	1:5.5	20	350	4	£34.48	€ 38.96
V0074/SE/SX	VBPS 3/8" L C/RUB.	3/8"	1:5.5	30	350	3	£35.12	€ 39.69
V0076/SE/SX	VBPS 1/2" L C/RUB.	1/2"	1:5	50	350	3	£42.54	€ 48.06
V0132*/SE/SX	VBPS 1/4" L C/RUB.2 CEXC	1/4"	1:5.5	20	350	4	£35.92	€ 40.59
V0134*/SE/SX	VBPS 3/8" L C/RUB.2 CEXC	3/8"	1:5.5	30	350	4	£35.92	€ 40.59
V0136*/SE/SX	VBPS 1/2" L C/RUB.2 CC	1/2"	1:5	50	350	3	£44.38	€ 50.15

\*Fittings to DIN 2353

## 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	VBPS 3/8" PS	3/8"	1:12	35	350	3	£42.06	€ 47.53





## OVERCENTRE VALVES



### 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, **Tightness:** 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

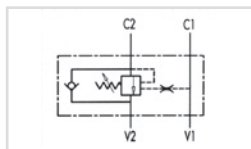
**Applications:** Connect v1 and v2 to the pressure flow, c1 to the free flow side of the actuator and c2 to the actuator's side you want the low to be blocked. In-line mounting

### ON REQUEST:

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

## SINGLE OVER CENTRE VALVES

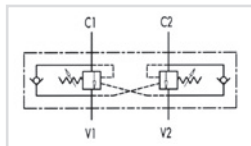
[www.flowfitonline.com](http://www.flowfitonline.com)  
TECH. DATA SHEET  
**CV20**



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	£35.17	€ 39.74
V0410	VBCD 1/2" SE	1/2"	1:3,1	50	350	£69.86	€ 78.94
V0411	VBCD 3/4" SE	3/4"	1:5,5	105	350	£41.94	€ 47.39
V0390/RP18	VBCD 3/8" SE RP 1 : 8	3/8"	1:8	35	350	£71.37	€ 80.65
V0410/RP18	VBCD 1/2" SE RP 1 : 8	1/2"	1:8	50	350	£84.13	€ 95.06
V0411/RP18	VBCD 3/4" SE RP 1 : 8	3/4"	1:8	105	350	£116.43	€ 131.59

## DOUBLE OVERCENTRE VALVES

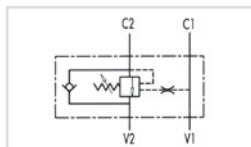
[www.flowfitonline.com](http://www.flowfitonline.com)  
TECH. DATA SHEET  
**CV21**



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	£54.14	€ 61.18
V0430	VBCD 1/2" DE	1/2"	1:3,1	50	350	£60.75	€ 68.65
V0431	VBCD 3/4" DE	3/4"	1:5,5	105	350	£120.44	€ 136.10
V0420/RP18	VBCD 3/8" DE RP 1 : 8	3/8"	1:8	35	350	£113.87	€ 128.67
V0430/RP18	VBCD 1/2" DE RP 1 : 8	1/2"	1:8	50	350	£119.08	€ 134.56
V0431/RP18	VBCD 3/4" DE RP 1 : 8	3/4"	1:8	105	350	£181.05	€ 204.59

## SINGLE OVERCENTRE VALVES TYPE A

[www.flowfitonline.com](http://www.flowfitonline.com)  
TECH. DATA SHEET  
**CV22**

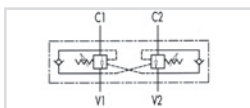


The A type is different in the connections position and the pilot ratio

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	£56.50	€ 63.85
V0392	VBCD 3/8" SE/A	3/8"	1:4,5	40	350	£56.50	€ 63.85
V0412	VBCD 1/2" SE/A	1/2"	1:4,5	60	350	£59.65	€ 67.40
V0419	VBCD 3/4" SE/A	3/4"	1:5,5	95	350	£98.58	€ 111.42
V0417	VBCD 1" SE/A	1"	1:6,2	160	350	£177.86	€ 200.98



## DOUBLE OVERCENTRE VALVES TYPE A

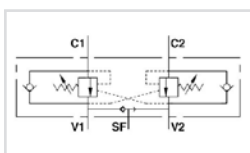
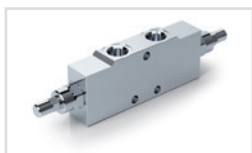


The A type is different in the connections position and the pilot ratio

www.flowfitonline.com  
TECH. DATA SHEET  
**CV23**

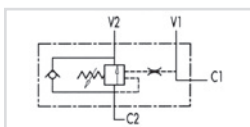
CODE	TYPE	BSP PORTS	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V0418	VBCD 1/4" DE/A	1/4"	1:4,5	20	350	£92.91	€ 105.01
V0422	VBCD 3/8" DE/A	3/8"	1:4,5	40	350	£92.91	€ 105.01
V0432	VBCD 1/2" DE/A	1/2"	1:4,5	60	350	£97.94	€ 110.68
V0435	VBCD 3/4" DE/A	3/4"	1:5,5	95	350	£149.44	€ 168.86
V0436	VBCD 1" DE/A	1"	1:6,2	160	350	£260.03	€ 293.83

## DOUBLE OVERCENTRE VALVES, TYPE A WITH BRAKE UNCLAMPING



CODE	TYPE	BSP PORTS	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V0422/SF	VBCD 3/8" DE A SF	3/8"	1:4,5	40	350	£186.09	€ 210.28
V0432/SF	VBCD 1/2" DE A SF	1/2"	1:4,5	60	350	£198.48	€ 224.28

## SINGLE OVERCENTRE VALVES FLANGEABLE

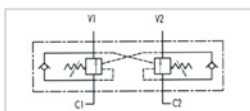


Flange ports enable direct mounting of the valve on the actuator

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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	£63.05	€ 71.25
V0401	VBCD 3/8" SE FCB4	3/8"	1:4,5	40	350	£57.53	€ 65.01
V0402	VBCD 1/2" SE/FL	1/2"	1:4,5	60	350	£66.55	€ 75.20
B8000	FLANGE FOR 3/8" & 1/2" SE					£8.21	€ 9.28

## DOUBLE OVERCENTRE VALVES FLANGEABLE



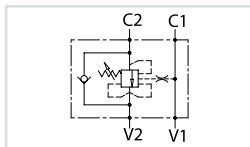
Flange ports enable direct mounting of the valve on the actuator

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	£101.40	€ 114.58
V0434	VBCD 12" DE/FL	12"	1:4,5	60	350	£106.74	€ 120.62
B8500	FLANGE FOR 3/8" & 1/2" DE					£12.51	€ 14.13

## 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.

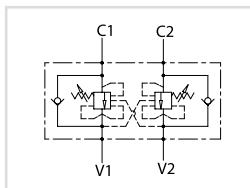
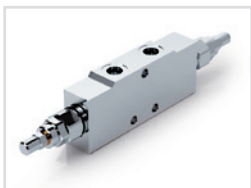
**Applications:** Connect V1 and V2 to the pressure flow, C1 to the free flow side of the actuator and flange C2 to the actuator's side you want the flow to be blocked. V1 and V2 ports are reversible.

**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	£75.20	€ 84.98
V0404	VBCD 1/2" SE FL CC	1/2"	1:4,5	60	350	£86.86	€ 98.14

## 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.

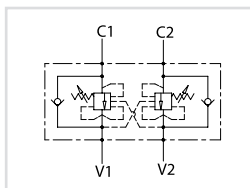
**Applications:** Connect V1 and V2 to the pressure flow, C1 and C2 to the actuator to be controlled.

**ON REQUEST:** • other settings available

CODE	TYPE	BSP PORTS	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V0389	VBCD 1/4" DE A CC	1/4"	1:4,5	20	350	£56.51	€ 63.86
V0421	VBCD 3/8" DE-A CC	3/8"	1:4,5	40	350	£116.47	€ 131.60
V0423	VBCD 1/2" DE-A CC	1/2"	1:4,5	60	350	£121.43	€ 137.22

## 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.

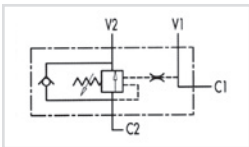
**Applications:** Connect V1 and V2 to the pressure flow, C1 and C2 to the actuator to be controlled.

**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	£125.14	€ 141.41
V0437	VBCD 1/2" DE FL CC	1/2"	1:4,5	60	350	£128.86	€ 145.60

## SINGLE OVERCENTRE VALVES FLANEABLE BY SCREW

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TECH. DATA SHEET  
**CV29**

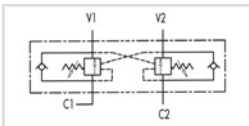


The special connection by screw, supplied with valve, enables direct mounting of the valve on the actuator

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	£61.27	€ 69.24
V0412/FLV	VBCD 1/2" SE/A FLV	1/2"	1:4,5	60	350	£71.59	€ 80.90

## DOUBLE OVERCENTRE VALVES FLANGEABLE BY SCREW

www.flowfitonline.com  
TECH. DATA SHEET  
**CV30**

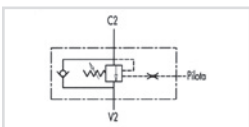


The special connection by screw, supplied with valve, enables direct mounting of the valve on the actuator

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	£111.75	€ 126.28
V0432/FLV	VBCD 1/2" DE/A FLV	1/2"	1:4,5	60	350	£132.36	€ 149.57

## SINGLE OVER CENTRE VALVES, 3 WAYS

www.flowfitonline.com  
TECH. DATA SHEET  
**CV31**

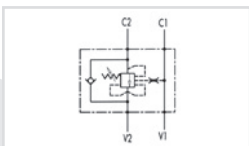


External pilot line

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	£53.71	€ 60.69
V0414	VBCD 1/2" SE 3 VIE	1/2"	1:4,5	60	350	£55.95	€ 63.25

## SINGLE OVERCENTRE VALVES FOR CLOSED CENTRE

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TECH. DATA SHEET  
**CV32**

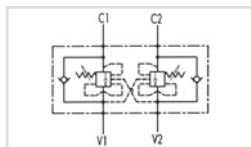


This valve is ideal when normal overcentre valves doesn't work properly as it's not sensitive to back pressure

CODE	TYPE	BSP PORTS	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V0407	VBCD 3/8" SE CC	3/8"	1:3,1	35	350	£77.61	€ 87.69
V0408	VBCD 1/2" SE CC	1/2"	1:3,1	50	350	£85.40	€ 96.50
V0409	VBCD 3/4" SE CC	3/4"	1:5,5	105	350	£123.69	€ 139.77
V0407/RP18	VBCD 3/8" SE CC	3/8"	1:8	35	350	£85.41	€ 96.51
V0408/RP18	VBCD 1/2" SE CC	1/2"	1:8	50	350	£123.69	€ 139.77
V0409/RP18	VBCD 3/4" SE CC	3/4"	1:8	105	350	£135.95	€ 153.63

## DOUBLE OVERCENTRE VALVES FOR CENTRE CLOSED

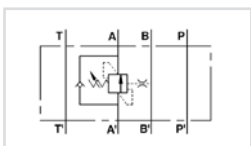
www.flowfitonline.com  
TECH. DATA SHEET  
**CV33**



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

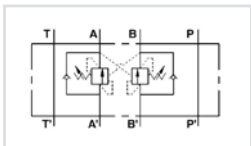
CODE	TYPE	BSP PORTS	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V0441	VBCD 3/8" DE CC	3/8"	1:3,1	35	350	£134.00	€ 151.42
V0442	VBCD 1/2" DE CC	1/2"	1:3,1	50	350	£147.41	€ 166.57
V0443	VBCD 3/4" DE CC	3/4"	1:5,5	105	350	£138.51	€ 156.51
V0441/RP18	VBCD 3/8" DE CC	3/8"	1:8	35	350	£152.33	€ 172.14
V0442/RP18	VBCD 1/2" DE CC	1/2"	1:8	50	350	£197.15	€ 222.78
V0443/RP18	VBCD 3/4" DE CC	3/4"	1:8	105	350	£244.92	€ 276.76

## SINGLE OVERCENTRE STACKABLE CETOP 3 VALVES



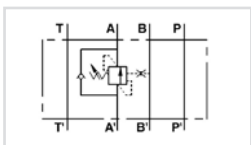
CODE	TYPE	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V1411	VBCD SE/A NG6 CETOP 3	1:4,5	40	350	£92.12	€ 104.10
V1412	VBCD SE/B NG6 CETOP 3	1:4,5	40	350	£92.12	€ 104.10

## DOUBLE OVERCENTRE STACKABLE CETOP 3 VALVES



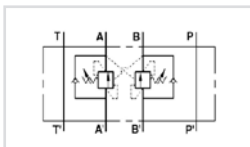
CODE	TYPE	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V1421	VBCD DE CETOP 3	1:4,5	40	350	£110.46	€ 124.82

## SINGLE OVERCENTRE STACKABLE CETOP 5 VALVES



CODE	TYPE	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V1431	VBCD SE/A NG10 CETOP 5	1:4,5	80	350	£110.52	€ 124.89
V1432	VBCD SE/B NG10 CETOP 5	1:4,5	80	350	£110.52	€ 124.89
V1436	VBCD SE/A NG10 CETOP 5 CC*	1:4,5	80	350	£118.43	€ 133.83
V1437	VBCD SE/B NG10 CETOP 5 CC*	1:4,5	80	350	£118.43	€ 133.83

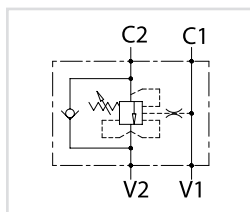
## DOUBLE OVERCENTRE STACKABLE CETOP 5 VALVES



CODE	TYPE	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V1441	VBCD DE NG10 CETOP 5	1:4,5	80	350	£143.32	€ 161.95
V1447	VBCD DE NG10 CETOP 5 CC*	1:4,5	80	350	£143.62	€ 162.29

## 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.

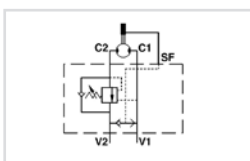
**Applications:** Connect V1 and V2 to the pressure flow, C1 to the free flow side of the actuator and C2 to the actuator's side you want theflow to be blocked. In-line mounting.

### ON REQUEST:

• other settings available

CODE	TYPE	BSP PORTS	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V0388	VBCD 1/4" SE A CC	1/4"	1:4,5	25	350	£76.51	€ 86.46
V0391	VBCD 3/8" SE-A CC	3/8"	1:4,5	40	350	£68.76	€ 77.72
V0393	VBCD 1/2" SE-A CC	1/2"	1:4,5	60	350	£71.25	€ 80.51

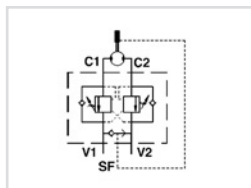
## SINGLE OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMP/OMR



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	£72.22	€ 81.61
V0415/SF	VBCDF 1/2" SE OMP-OMR SF/ BRAKE UNCLAPING	1/2"	1:4,5	50	350	£79.88	€ 90.26

## OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMP/OMR

www.flowfitonline.com  
TECH. DATA SHEET  
**CV35**



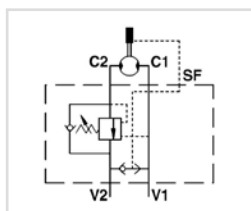
Direct flange is ideal for Danfoss motor type omp-omr and provides a maximum safety, very low pressure drops and solid installation

CODE	TYPE	BSP PORTS	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V0425	VBCDF 1/2" DE OMP-OMR	1/2"	1:4,5	50	350	£127.04	€ 143.56
V0425/SF	VBCDF 1/2" DE OMP-OMR SF/ BRAKE UNCLAPING	1/2"	1:4,5	50	350	£128.82	€ 145.57

NB. BRAKE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE "

## SINGLE OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMS

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TECH. DATA SHEET  
**CV36**

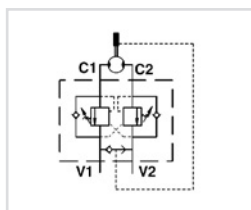


Direct flange is ideal for danfoss engine type oms and provides a maximum safety, very low pressure drops and solid installation

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	£70.32	€ 79.46
V0416/SF	VBCDF 1/2" SE OMS /SF BRAKE UNCLAPING	1/2"	1:8	50	350	£76.60	€ 86.56

NB. BRAKE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE "

## DOUBLE OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMS



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
V0426	VBCDF 1/2" DE OMS	1/2"	1:4,5	50	350	£114.71	€ 129.62
V0426/SF	VBCDF 1/2" DE OMS SF/ BRAKE UNCLAPING	1/2"	1:8	50	350	£125.93	€ 142.30

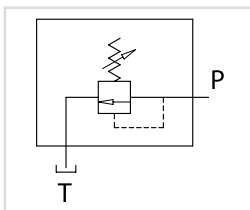
NB. BRAKE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE "

## RELIEF VALVES



### 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
VC0200/180	VMPC 20 10-180 BAR	3/4"-16	20	10-180	£22.06	€ 24.93
VC0200/350	VMPC 20 180-350 BAR	3/4"-16	20	180-350	£22.06	€ 24.93

#### EXTRAS

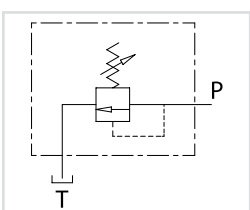
CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

### 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	£17.36	€ 19.62
VC0350/300	VMPC 35 50-300 BAR	M20X1,5	35	50-300	£17.36	€ 19.62

#### EXTRAS

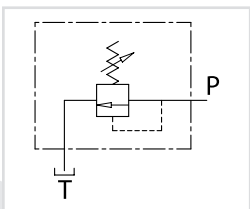
CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

### 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	£24.55	€ 27.74
VC0800/300	VMPC 80 50-300 BAR	M26X1,5	80	50-300	£24.62	€ 27.82

#### EXTRAS

CODE/V - HANDKNOB

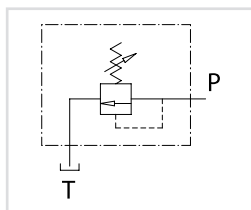
CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP



## 120 RELIEF VALVE CARTRIDGE

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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 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:** 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	160	20-200	£43.67	€ 49.35
VC1200/400	VMPC 120 50-400 BAR	M32X1,5	160	50-400	£45.84	€ 51.80

### EXTRAS

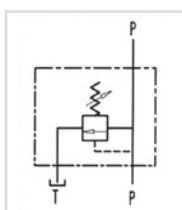
CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

## 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	350	£19.23	€ 21.72
V0690/*	VMP 3/8" L	3/8"	40	350	£25.10	€ 28.36

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

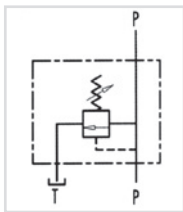
CODE/P SEALING CAP

### 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



### 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)

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TECH. DATA SHEET

CV42

CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0700/*	VMP 3/8"	3/8"	45	350	£25.49	€ 28.82
V0710/*	VMP 1/2"	1/2"	70	350	£27.98	€ 31.62
V0720/*	VMP 3/4"	3/4"	90	350	£44.15	€ 49.89

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

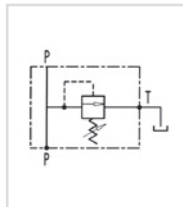
CODE/P SEALING CAP

### 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



### 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)

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TECH. DATA SHEET

CV43

CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0725/*	VMPP 3/4"	3/4"	120	350	£81.12	€ 91.67
V0735/*	VMPP 1"	1"	160	350	£94.06	€ 106.29

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

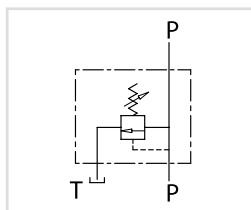
CODE/P SEALING CAP

### SPRINGS

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

# 1/4" IN LINE MOUNTING RELIEF VALVES

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	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0688/*	VMP L D5 1/4"	1/4"	30	350	£24.28	€ 27.44

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

## EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

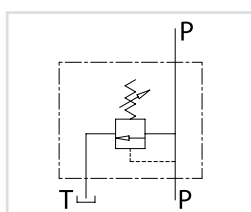
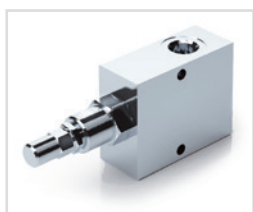
## SPRINGS

SETTING RANGE BAR	PRESSURE INCREASE ( BAR/TURN)	STANDARD SETTING BAR
10-50*	7	30
10-180 (Standard)	30	90
80-300	50	150

\*For setting less than 70 Bar: Q=12 L/MIN

# 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	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0691/*	VMP L D5 3/8"	3/8"	45	350	£23.48	€ 26.53
V0692/*	VMP L D5 1/2"	1/2"	70	350	£35.69	€ 40.33
V0693/*	VMP L D5 3/4"	3/4"	90	350	£47.32	€ 53.47

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

## EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

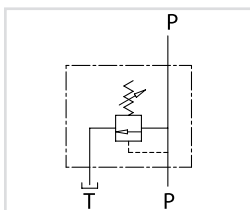
## SPRINGS

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/MIN

## DIFFERENTIAL AREA IN LINE MOUNTING RELIEF VALVE

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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	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0726/*	VMPP L D5 3/4"	3/4"	120	350	£92.93	€ 105.01

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

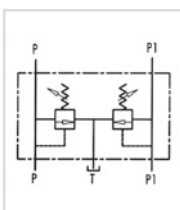
CODE/P SEALING CAP

### SPRINGS

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

## 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/*	VMPPD 3/8"	3/8"	45	350	£48.97	€ 55.34
V0734/*	VMPPD 1/2"	1/2"	70	350	£60.11	€ 67.92

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

### 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

## CETOP SUBPLATES WITH RELIEF VALVE



CODE	TYPE	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
				£ STERLING	€ EUROS
BS030/*	VMP NG6 CETOP 3	40	300	£44.22	€ 49.97
BS050/*	VMP NG10 CETOP 5	100	300	£68.47	€ 77.37

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

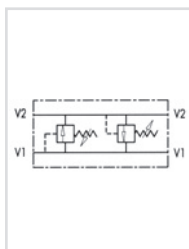
SPRINGS- BS030			SPRINGS- BS050		
SETTING RANGE BAR	PRESSURE INCREASE ( BAR/TURN)	STANDARD SETTING BAR	SETTING RANGE BAR	PRESSURE INCREASE ( BAR/TURN)	STANDARD SETTING BAR
10-70	7	30	10-120	12	75
20-200	45	130	50-300	50	150
80-300	50	150			

## DUAL CROSS RELIEF VALVES



www.flowfitonline.com  
TECH. DATA SHEET  
**CV46**

## DUAL CROSS RELIEF VALVES



### 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	350	£40.18	€ 45.40
V0440/*	VAU 3/8"	3/8"	45	350	£43.96	€ 49.67
V0450/*	VAU 1/2"	1/2"	70	350	£46.48	€ 52.52
V0460/*	VAU 3/4"	3/4"	110	350	£61.53	€ 69.53

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

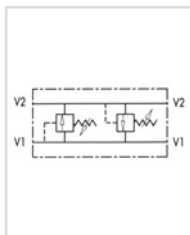
SPRINGS		
SETTING RANGE BAR	PRESSURE INCREASE ( BAR/TURN)	STANDARD SETTING BAR
10-50*	7	30
20-100	12	75
10-180 (Standard)	30	90
50-250	45	130
80-300	50	150

\*For setting less than 70 Bar: Q=12 L/MIN

## DIFFERENTIAL DUAL CROSS RELIEF VALVES

[www.flowfitonline.com](http://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	350	£173.28	€ 195.81

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

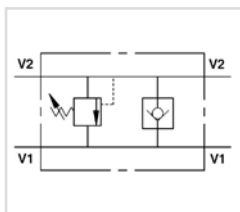
CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

### SPRINGS

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

## CROSS LINE DIFFERENTIAL AREA RELIEF VALVE WITH ANTI CAVITATION, 1"



CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0736/*	VAU 1"	1"	160	350	£205.00	€ 231.65

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

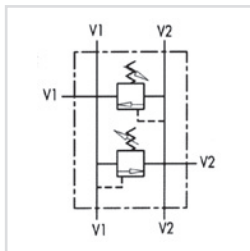
CODE/P SEALING CAP

### 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	350	£51.74	€ 58.47
V0738/*	VMPDI 1/2"	1/2"	70	350	£55.26	€ 62.44

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

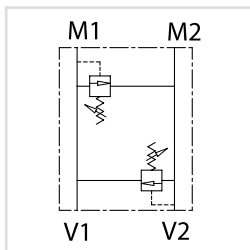
### SPRINGS

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/MIN

## 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	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0503/*	VAU 1/2" OM WSC	1/2"	50	350	£69.14	€ 78.13
CR01736Z	VITE 1/2"	1/2"	-	350	£4.41	€ 4.98

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

### SPRINGS

CODE	STANDARD SETTING BAR
CODE/070	10-70
CODE/200	50-200
CODE/300	100-300 (Standard)

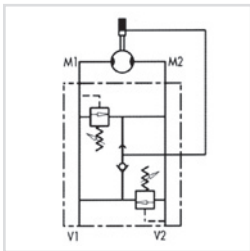


# DUAL CROSS LINE RELIEF VALVES FLANGEABLE ON DANFOSS MOTORS OMP/OMR

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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	PORT SIZE	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0499/*	VAU 1/2" SE OMP/OMR	1/2"	60	350	£48.27	€ 54.55
V0499/SF/*	VAU 1/2" SE OMP/OMR SF	1/2"	60	350	£68.79	€ 77.73
V0500/*	VAU 1/2" DE OMP/OMR	1/2"	60	350	£58.41	€ 66.00
V0500/SF/*	VAU 1/2" DE OMP/OMR SF	1/2"	60	350	£62.23	€ 70.32
V0500/AC/*	VAU 1/2" OMP/OMR AC	1/2"	60	350	£58.41	€ 66.00

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

## EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

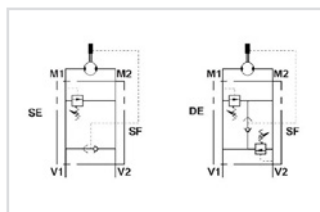
CODE/P SEALING CAP

## 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/MIN

## DUAL CROSS LINE RELIEF VALVE FLANGEABLE ON DANFOSS MOTORS OMS



CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0490/*	VAU 1/2" OMS	1/2"	50	350	£54.59	€ 61.69
V0490/SF*	VAU 1/2" OMS SF	1/2"	50	350	£61.01	€ 68.94
V0489/*	VAU 1/2" OMS SE	1/2"	50	350	£48.27	€ 54.55
V0489/SF*	VAU 1/2" OMS SE SF	1/2"	50	350	£48.27	€ 54.55
V0490/AC/*	VAU 1/2" OMS AC	1/2"	50	350	£54.60	€ 61.70

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

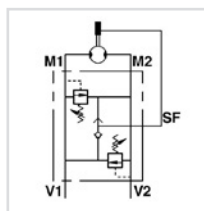
CODE/P SEALING CAP

### 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/MIN

## DUAL CROSS LINE RELIEF VALVE FLANGEABLE ON DANFOSS MOTORS OMT



CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0505/*	VAU 3/4" OMT	3/4"	100	350	£66.55	€ 75.20
V0506/*	VAU 3/4" OMT SE	3/4"	100	350	£73.57	€ 83.13

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

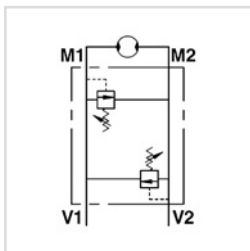
### SPRINGS

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/MIN

## 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 a 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 unclamping (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	350	£54.58	€ 61.68
CR01058Z	VITE 1/2"	1/2"	-	350	£4.41	€ 4.98

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES  
BRACE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE "

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

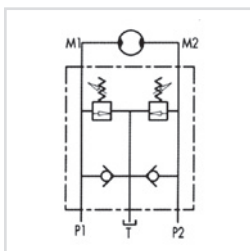
### SPRINGS

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/MIN

## 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
V0507/*	VAUAC 3/8"	3/8"	45	350	£113.37	€ 128.11
V0508/*	VAUAC 1/2"	1/2"	70	350	£133.11	€ 150.41
V0510/*	VAUAC 3/4"	3/4"	110	350	£207.20	€ 234.14

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

### SPRINGS (VAUAC 3/8"-1/2")

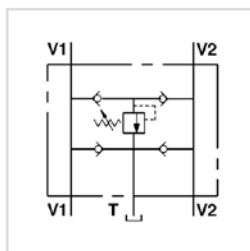
SETTING RANGE BAR	PRESSURE INCREASE ( BAR/TURN)	STANDARD SETTING BAR
10-180 (Standard)	30	90
80-300	50	150

### SPRINGS

SETTING RANGE BAR	PRESSURE INCREASE ( BAR/TURN)
20-100	40
50-400	80

## CROSS LINE RELIEF VALVE WITH ANTI-CAVITATION WITH 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 avoided 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	£159.10	€ 179.78

### EXTRAS

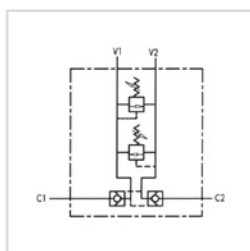
CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

## CROSS LINE RELIEF VALVE WITH PILOT CHECK VALVES

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
V0444/*	VBAU 3/8"	3/8"	35	350	£89.68	€ 101.34

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

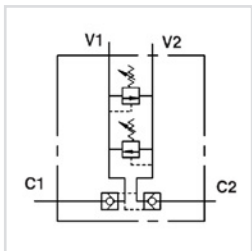
CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

### SPRINGS

SETTING RANGE BAR	PRESSURE INCREASE ( BAR/TURN)	STANDARD SETTING BAR
10-180	40	100

## CROSS LINE RELIEF VALVE WITH PILOT CHECK VALVES



CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0448/*	VBLP 3/8"	3/8"	35	350	£152.07	€ 171.84
V0446/*	VBLP 1/2"	1/2"	70	350	£179.25	€ 202.55
V0454/*	VBLP 3/4"	3/4"	110	350	£258.02	€ 291.56

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

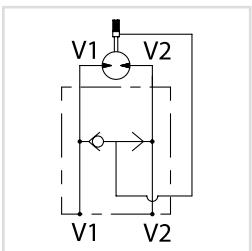
CODE/P SEALING CAP

### SPRINGS

SETTING RANGE BAR	PRESSURE INCREASE ( BAR/TURN)	STANDARD SETTING BAR
10-180	40	100

## 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.

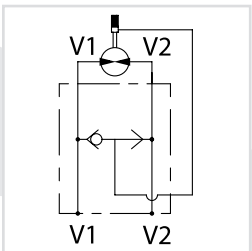
**Body:** zinc-plated steel, **Internal parts:** hardened and ground steel, **Seals:** BUNA N standard

**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	£39.67	€ 44.83

## BRAKE RELEASE VALVE, FLANGEABLE TO DANFOSS MOTORS OMP/OMR AND OMS

www.flowfitonline.com  
TECH. DATA SHEET  
**CV56**



### USE AND OPERATION:

This valve is used to unlock the motors hydraulic brake.

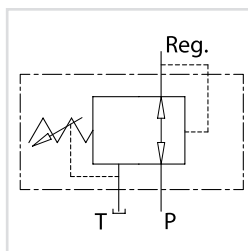
**Body:** zinc-plated steel, **Internal parts:** hardened and ground steel, **Seals:** BUNA N standard

**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
V0333	VSBF 1/2" OMP/OMR	1/2"	60	300	£39.66	€ 44.82
V0334	VSBF 1/2" OMS	1/2"	40	300	£36.58	€ 41.34

## DIRECT ACTING PRESSURE REDUCING VALVE

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/*	VRP 3/8"	3/8"	30	350	£108.21	€ 122.28
V0706/*	VRP 1/2"	1/2"	30	350	£109.58	€ 123.83

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

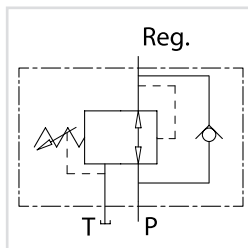
CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

CODE	SETTING RANGE (BAR)
CODE/060	10-60
CODE/180	35-180 (Standard)

## DIRECT ACTING PRESSURE 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/*	VRPRL 3/8"	3/8"	30	350	£177.52	€ 200.60
V0707/*	VRPRL 1/2"	1/2"	30	350	£156.46	€ 176.80

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

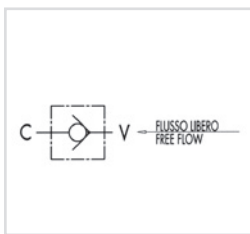
CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

CODE	SETTING RANGE (BAR)
CODE/060	10-60
CODE/180	35-180 (Standard)

## CHECK VALVES

### CHECK VALVES



#### 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.

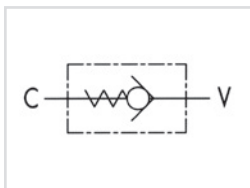
[www.flowfitonline.com](http://www.flowfitonline.com)

TECH. DATA SHEET

**CV59**

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	£12.19	€ 13.77
V0590	VU 1/4"	1/4"	20	350	0,4/0,7	£5.86	€ 6.62
V0600	VU 3/8"	3/8"	45	350	0,4/0,7	£6.27	€ 7.09
V0610	VU 1/2"	1/2"	70	350	0,4/0,7	£8.72	€ 9.85
V0620	VU 3/4"	3/4"	110	350	0,4/0,7	£12.80	€ 14.46
V0630	VU 1"	1"	160	350	0,4/0,7	£15.14	€ 17.11
V0631	VU 1 1/4"	1 1/4"	250	300	0,7/1	£38.17	€ 43.13
V0632	VU 1 1/2"	1 1/2"	350	300	0,7/1	£55.72	€ 62.96
V0633	VU 2"	2"	650	300	0,4/0,7	£258.01	€ 291.54

## INTEGRATED CHECK VALVES



#### 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.

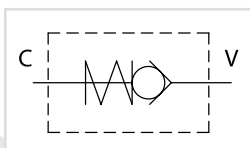
[www.flowfitonline.com](http://www.flowfitonline.com)

TECH. DATA SHEET

**CV60**

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	2,2	£11.94	€ 13.49
V0601	VUI 3/8"	3/8"	30	350	1,8	£13.58	€ 15.35
V0611	VUI 1/2"	1/2"	50	350	0,7	£17.24	€ 19.48
V0621	VUI 3/4"	3/4"	80	350	0,9	£20.32	€ 22.96

## MALE/MALE CHECK VALVES



#### 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

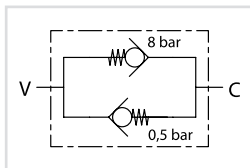
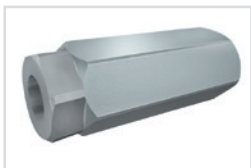
**Applications:** Connect the port V to the pressure flow and the port C to the actuator. Flow is free from V to C and blocked in the reverse direction.

CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	STANDARD CRACKING PRESSURE (BAR)	NETT. PRICE	
					£ STERLING	€ EUROS
V0594/1	VU MM 1/4"	8	350	1	£11.56	€ 13.06
V0604/1	VU MM 3/8"	20	350	1	£12.03	€ 13.59
V0614/1	VU MM 1/2"	50	350	1	£13.25	€ 14.97
V0624/1	VU MM 3/4"	90	350	1	£22.09	€ 24.96
V0634/1	VU MM 1"	150	320	1	£32.72	€ 36.97
V0637/1	VU MM 1 1/4"	240	320	1	£55.32	€ 62.53
V0638/1	VU MM 1 1/2"	300	320	1	£73.47	€ 83.02
V0639/1	VU MM 2"	650	320	1	£91.95	€ 103.90

ON REQUEST: Different Cracking Pressures: 1, 3, 6, or 9 bar (Please specify the desired cracking pressure in the product description).



## BIDIRECTIONAL CHECK VALVE



### 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.

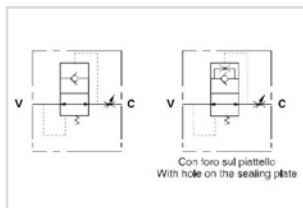
www.flowfitonline.com  
TECH. DATA SHEET  
**CV62**

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	0,5	8	£54.53	€ 61.62
V0616	VRC 1/2"	1/2"	55	350	0,5	8	£57.00	€ 64.43

## HOSE BURST VALVES



## HOSE BURST VALVES CARTRIDGE



### 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.

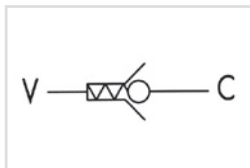
**Body:** Steel, burnished.

**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.

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TECH. DATA SHEET  
**CV63**

CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0770	VUBA 1/4"	1/4"	25	350	£3.48	€ 3.92
V0780	VUBA 3/8"	3/8"	50	350	£3.58	€ 4.05
V0790	VUBA 1/2"	1/2"	80	350	£4.19	€ 4.73
V0800	VUBA 3/4"	3/4"	140	350	£6.07	€ 6.86
V0810	VUBA 1"	1"	180	350	£14.07	€ 15.90
V0770/F	VUBA 1/4" WITH HOLE	1/4"	25	350	£10.06	€ 11.37
V0780/F	VUBA 3/8" WITH HOLE	3/8"	50	350	£10.31	€ 11.65
V0790/F	VUBA 1/2" WITH HOLE	1/2"	80	350	£11.92	€ 13.47
V0800/F	VUBA 3/4" WITH HOLE	3/4"	140	350	£15.07	€ 17.03
V0810/F	VUBA 1" WITH HOLE	1"	180	350	£22.70	€ 25.65

## HOSE BURST VALVES CARTRIDGE WITH FEMALE/FEMALE THREADED BODY



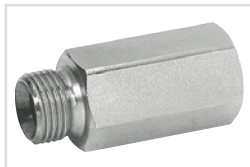
www.flowfitonline.com  
TECH. DATA SHEET  
**CV64**  
www.flowfitonline.com  
TECH. DATA SHEET  
**CV61**

CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0771	VUBA 1/4" MFF	1/4"	25	350	£5.65	€ 6.38
V0781	VUBA 3/8" MFF	3/8"	50	350	£5.79	€ 6.53
V0791	VUBA 1/2" MFF	1/2"	80	350	£7.28	€ 8.23
V0801	VUBA 3/4" MFF	3/4"	140	350	£9.50	€ 10.74
V0811	VUBA 1" MFF	1"	180	350	£15.02	€ 16.97
V0771/F	VUBA 1/4" MFF/ WITH HOLE	1/4"	25	350	£12.93	€ 14.60
V0781/F	VUBA 3/8" MFF/ WITH HOLE	3/8"	50	350	£13.79	€ 15.58
V0791/F	VUBA 1/2" MFF/ WITH HOLE	1/2"	80	350	£17.06	€ 19.28
V0801/F	VUBA 3/4" MFF/ WITH HOLE	3/4"	140	350	£20.53	€ 23.20
V0811/F	VUBA 1" MFF/ WITH HOLE	1"	180	350	£30.63	€ 34.61

## HOSE BURST VALVES CARTRIDGE WITH MALE/FEMALE THREADED BODY

[www.flowfitonline.com](http://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	£5.65	€ 6.38
V0782	VUBA 3/8" MMF	3/8"	50	350	£5.75	€ 6.51
V0792	VUBA 1/2" MMF	1/2"	80	350	£8.07	€ 9.14
V0802	VUBA 3/4" MMF	3/4"	140	350	£8.35	€ 9.44
V0812	VUBA 1" MMF	1"	180	350	£24.93	€ 28.17
V0772/F	VUBA 1/4" MMF/ WITH HOLE	1/4"	25	350	£12.93	€ 14.60
V0782/F	VUBA 3/8" MMF/ WITH HOLE	3/8"	50	350	£13.79	€ 15.58
V0792/F	VUBA 1/2" MMF/ WITH HOLE	1/2"	80	350	£16.12	€ 18.22
V0802/F	VUBA 3/4" MMF/ WITH HOLE	3/4"	140	350	£19.39	€ 21.91
V0812/F	VUBA 1" MMF/ WITH HOLE	1"	180	350	£28.93	€ 32.69

## BODY ONLY - MALE/FEMALE OR FEMALE/FEMALE

[www.flowfitonline.com](http://www.flowfitonline.com)

TECH. DATA SHEET

**CV66**


MMF



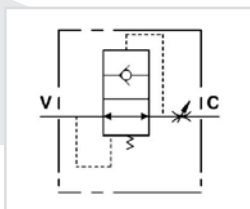
MFF

CODE	TYPE	BSP PORTS	NETT. PRICE	
			£ STERLING	€ EUROS
MFF 1/4"	BODY FEMALE/FEMALE 1/4"	1/4"	£2.71	€ 3.06
MFF 3/8"	BODY FEMALE/FEMALE 3/8"	3/8"	£3.29	€ 3.72
MFF 1/2"	BODY FEMALE/FEMALE 1/2"	1/2"	£4.91	€ 5.56
MFF 3/4"	BODY FEMALE/FEMALE 3/4"	3/4"	£5.20	€ 5.88
MFF 1"	BODY FEMALE/FEMALE 1"	1"	£7.51	€ 8.49
MMF 1/4"	BODY MALE/FEMALE 1/4"	1/4"	£2.71	€ 3.06
MMF 3/8"	BODY MALE/FEMALE 3/8"	3/8"	£3.29	€ 3.72
MMF 1/2"	BODY MALE/FEMALE 1/2"	1/2"	£4.91	€ 5.56
MMF 3/4"	BODY MALE/FEMALE 3/4"	3/4"	£5.20	€ 5.88
MMF 1"	BODY MALE/FEMALE 1"	1"	£7.51	€ 8.49

## HOSE BURST VALVE WITH EXTERNAL ADJUSTMENT

[www.flowfitonline.com](http://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.

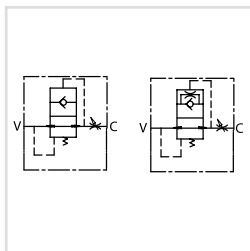
**Body:** Zinc-plated steel. **Internal Components:** Hardened and ground steel. **Tightness:** Ball type.

**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	£17.41	€ 19.67
V0795	VUB 1/2"	1/2"	70	300	£18.10	€ 20.45

## 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.

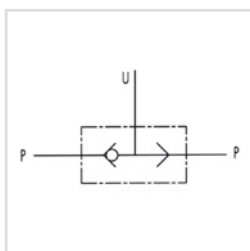
### ON REQUEST:

- 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	£8.45	€ 9.55
V0786	VUBA 3/8" DIN T12L	3/8"	50	350	£8.03	€ 9.07
V0787	VUBA 3/8" DIN T15L	3/8"	50	350	£8.03	€ 9.07
V0794	VUBA 1/2" DIN T15L	1/2"	80	350	£8.49	€ 9.62

## 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.

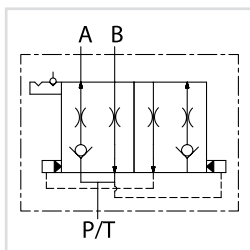
**Tightness:** Ball type.

**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	350	£13.67	€ 15.45
V0668	VU2P 3/8"	3/8"	45	350	£15.21	€ 17.21
V0670	VU2P 1/2"	1/2"	70	350	£17.62	€ 19.91
V0680	VU2P 3/4"	3/4"	110	350	£35.52	€ 40.14
V0685	VU2P 1"	1"	150	300	£86.85	€ 98.13

## VALVE FOR ROW MARKER ON SEEDING MACHINE

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

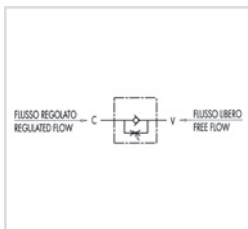
CODE	TYPE	MAX FLOW L/MIN	NETT. PRICE	
			£ STERLING	€ EUROS
V1450	VDFS 3/4" - 16 UNF	350	£131.27	€ 148.34

## FLOW REGULATOR VALVES



### BARREL TYPE UNIDIRECTIONAL FLOW CONTROL VALVES

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.

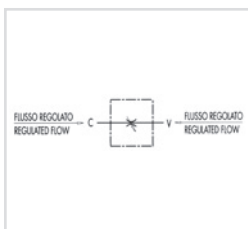
**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** By diameter combination. Minor leakage with closed valve.

**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	PORT SIZE	MAX FLOW L/MIN	MAX PRESSURE BAR	CRACKING PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V0540	VRF 1/4"	1/4"	20	300	0.5	£17.06	€ 19.28
V0550	VRF 3/8"	3/8"	45	300	0.5	£19.30	€ 21.81
V0560	VRF 1/2"	1/2"	70	300	0.5	£24.68	€ 27.89
V0570	VRF 3/4"	3/4"	110	250	0.5	£35.96	€ 40.63
V0580	VRF 1"	1"	160	250	0.5	£54.37	€ 61.44
V0578	VRF 1 1/4"	1 1/4" BSP	210	230	0.5	£220.64	€ 249.32
V0579	VRF 1 1/2"	1 1/2" BSP	280	230	0.5	£274.30	€ 309.96

### BARREL TYPE BIDIRECTIONAL FLOW CONTROL VALVES

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.

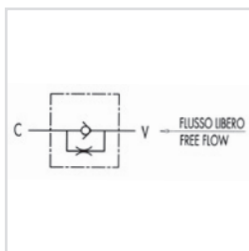
**Applications:** Connect V to the pressure flow and C to the actuator to set; when used on an actuator with double pilot check, VRB has to be mounted between the actuator and the double pilot check valve. Flow adjustment is made by rotating the coupling: by clockwise rotation flow increases and vice 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	£14.95	€ 16.89
V0555	VRB 3/8"	3/8"	45	300	£15.58	€ 17.61
V0565	VRB 1/2"	1/2"	70	300	£18.57	€ 21.01
V0575	VRB 3/4"	3/4"	110	250	£37.03	€ 41.84
V0585	VRB 1"	1"	160	250	£58.17	€ 65.73

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requirements  
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do the rest

## FIXED SETTING THROTTLE CHECK VALVES

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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.

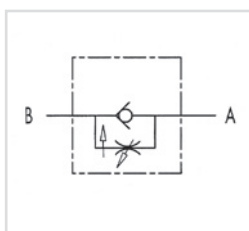
### On Request:

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	£7.10	€ 8.02
V0600/1F	VUSF 3/8" WITH 1 HOLE	3/8"	45	350	+/- 0.4 / 0.7	£7.71	€ 8.71
V0610/1F	VUSF 1/2" WITH 1 HOLE	1/2"	70	350	+/- 0.4 / 0.7	£10.37	€ 11.73
V0620/1F	VUSF 3/4" WITH 1 HOLE	3/4"	110	350	+/- 0.4 / 0.7	£14.98	€ 16.93
V0630/1F	VUSF 1" WITH 1 HOLE	1"	160	350	+/- 0.4 / 0.7	£17.51	€ 19.80
V0631/1F	VUSF 1 1/4" WITH 1 HOLE	1 1/4"	200	350	1	£60.72	€ 68.61
V0632/1F	VUSF 1 1/2" WITH 1 HOLE	1 1/2"	300	350	1	£81.76	€ 92.39
V0590/2F	VUSF 1/4" WITH 2 HOLES	1/4"	20	350	+/- 0.4 / 0.7	£7.29	€ 8.24
V0600/2F	VUSF 3/8" WITH 2 HOLES	3/8"	45	350	+/- 0.4 / 0.7	£7.96	€ 8.99
V0610/2F	VUSF 1/2" WITH 2 HOLES	1/2"	70	350	+/- 0.4 / 0.7	£10.58	€ 11.97
V0620/2F	VUSF 3/4" WITH 2 HOLES	3/4"	110	350	+/- 0.4 / 0.7	£15.40	€ 17.40
V0630/2F	VUSF 1" WITH 2 HOLES	1"	160	350	+/- 0.4 / 0.7	£18.09	€ 20.44
V0631/2F	VUSF 1 1/4" WITH 2 HOLES	1 1/4"	200	350	1	£62.50	€ 70.61
V0632/2F	VUSF 1 1/2" WITH 2 HOLES	1 1/2"	300	350	1	£84.16	€ 95.10

## 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

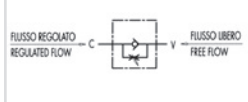
**Applications:** Connect A to the pressure flow and B to the actuator to set; flow is adjusted from B to A and is free in the reverse direction. Flow adjustment is made by rotating the plastic hand knob after loosening the side locking screw. This particular configuration allows an accurate and sensitive 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"	17	25	250	£54.37	€ 61.44
V0582/C	VRFU 90° 3/8" PCFCV	3/8"	17	25	250	£55.20	€ 62.38
V0583/C	VRFU 90° 1/2" PCFCV	1/2"	28	45	250	£83.62	€ 94.49

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## 90° 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.

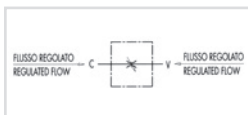
CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	CRACKING PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V0581	VRFU 90° 1/4"	1/4"	15	350	0,5	£20.11	€ 22.72
V0582	VRFU 90° 3/8"	3/8"	30	350	0,5	£20.95	€ 23.67
V0583	VRFU 90° 1/2"	1/2"	50	350	0,5	£24.59	€ 27.79
V0588	VRFU 90° 3/4"	3/4"	80	320	0,5	£46.97	€ 53.08
V0576	VRFU 90° 1"	1"	110	300	0,5	£64.39	€ 72.75

ON REQUEST: Aluminium hand knob (CODE/AL)

CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
DAD090	Locking Nut to suit V0581/V0582/V0583	£2.50	€ 2.83

## 90° FLOW REGULATOR 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 90° 1/4"	1/4"	15	350	£18.32	€ 20.70
V0586	VRFB 90° 3/8"	3/8"	30	350	£18.32	€ 20.70
V0587	VRFB 90° 1/2"	1/2"	50	350	£22.71	€ 25.66
V0589	VRFB 90° 3/4"	3/4"	80	320	£50.23	€ 56.76
V0577	VRFB 90° 1"	1"	110	300	£53.26	€ 60.17

ON REQUEST: Aluminium hand knob (CODE/AL)

CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
DAD090	Locking Nut to suit V0584/86/87/89	£2.50	€ 2.83



## HYDRAULIC 3 PORT PRESSURE COMPENSATED ADJUSTABLE FLOW CONTROL

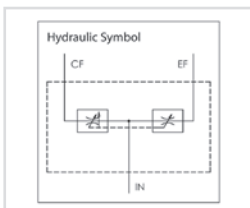
www.flowfitonline.com  
TECH. DATA SHEET  
**CV77**



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	£69.53	€ 81.99

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

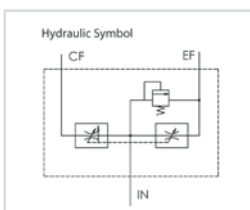
www.flowfitonline.com  
TECH. DATA SHEET  
**CV78**



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

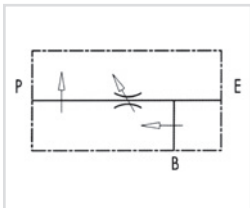
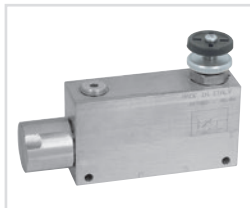
PART NUMBER	DESCRIPTION	PORT SIZE	FLOW RANGE	NETT. PRICE	
				£ STERLING	€ EUROS
ZZ005423	3/4" 3 PORT FLOW CONTROL C/W RV	3/4" BSP	0-30 GPM	£69.53	€ 81.99

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



## 3 WAY FLOW CONTROL VALVE

www.flowfitonline.com  
TECH. DATA SHEET  
**CV79**



### USE AND OPERATION

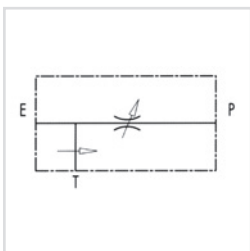
This valve enables to keep "P" flow constant to a certain setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained in "B" and it is available for a second use. Also port "B" is insensitive to pressure changes, but not to flow changes.

**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	VPR3 3/8"	3/8"	60	50	350	£105.38	€ 119.08
V1070	VPR3 1/2"	1/2"	80	60	350	£106.30	€ 120.12
V1080	VPR3 3/4"	3/4"	120	100	350	£183.99	€ 207.91
V1090	VPR3 1"	1"	200	170	350	£224.14	€ 253.28

## 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).

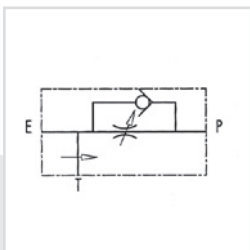
**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** By diameter combination. Minor leakage (few drops per minute)

**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	PORT SIZE	MAX FLOW L/MIN	MAX ADJUSTED FLOW	MAX PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V1110	RFP3 3/8"	3/8"	50	30	250	£93.11	€ 105.23
V1120	RFP 1/2"	1/2"	85	50	250	£98.31	€ 111.09
V9999	VCF.BC.3/2A06B	3/4"	150	90	210	£209.72	€ 236.98
V1130	RFP3 3/4"	3/4" BSP	120	100	350	£197.13	€ 222.76

## 3 WAY FLOW CONTROL VALVE WITH EXCESS TO TANK

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.

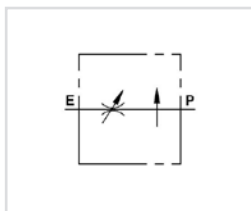
**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** By diameter combination. Minor leakage (few drops per minute)

**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	RFP3 3/8"	3/8"	60	50	350	£93.10	€ 105.20
V1120	RFP3 1/2"	1/2"	80	60	350	£98.30	€ 111.08
V1130	RFP3 3/4"	3/4"	120	100	350	£197.13	€ 222.76

ON REQUEST: For 3/8" or 1/2" versions water proof adjustment (CODE/P)

## 2 WAY FLOW COMPENSATED CONTROL VALVE



### USE AND OPERATION

This valve enables to keep flow to "P" constant to a required setting, independent of the pressure. Excess flow is passed to tank via the main relief valve of the circuit.

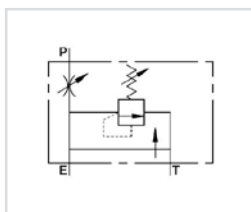
**MATERIALS AND FEATURES:** **Body:** Zinc-plated steel. **Internal Parts:** Hardened and ground steel **Seal:** BUNA N standard **Load Holding:** Matched diameters, minimal leakage (few drops per minute)

### CONNECTIONS:

Connect E to the supply and P to the circuit which requires the flow control. To adjust flow setting rotate the hand knob after loosening the locking nut.

CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V1115	RFP2 3/8"	3/8"	30	350	£60.98	€ 68.92
V1125	RFP2 1/2"	1/2"	50	350	£63.15	€ 71.36
V1135	RFP2 3/4"	3/4"	90	350	£103.51	€ 116.97
V1145	RFP2 1"	1"	160	320	£132.46	€ 149.68

## 3 WAY FLOW CONTROL VALVE WITH EXCESS TO TANK AND RELIEF VALVE



### USE AND OPERATION

This valve enables to keep the flow to P constant to a required setting, independent of pressure or inlet flow. Excess flow is drained to T (Tank). The integrated relief valve limits the inlet pressure.

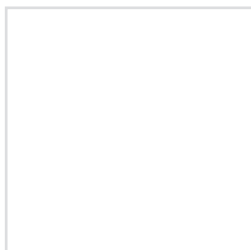
**MATERIALS AND FEATURES:** **Body:** Zinc-plated steel. **Internal Parts:** Hardened and ground steel **Seal:** BUNA N standard **Load Holding:** Matched diameters, minimal leakage (few drops per minute)

**CONNECTIONS:** Connect E to the supply and P to the actuator or to a line of a hydraulic circuit where flow control is needed. Connect T to the tank. To adjust flow setting rotate the hand knob after loosening the locking nut.

CODE	TYPE	PORT SIZE	MAX FLOW L/MIN	MAX ADJUSTED FLOW	MAX PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V1110/VMP	RFP3 3/8" c/VMP	3/8"	60	50	350	£87.23	€ 98.58
V1120/VMP	RFP3 1/2" c/VMP	1/2"	80	60	350	£89.11	€ 100.69

ON REQUEST: Water proof adjustment knob (CODE/P)

## 3 WAY FLOW CONTROL PRIORITY VALVE WITH REVERSE CHECK VALVE



### 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.

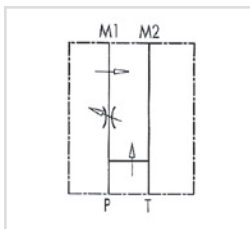
CODE	TYPE	BSP PORTS	MAX INLET FLOW L/MIN	MAX ADJUSTED FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
						£ STERLING	€ EUROS
V1110/VU	RFP3 3/8" c/VU	3/8"	60	50	350	£109.20	€ 123.40
V1120/VU	RFP3 1/2" c/VU	1/2"	80	60	350	£115.57	€ 130.59

ON REQUEST: Water proof adjustment knob (CODE/P)

www.flowfitonline.com  
TECH. DATA SHEET  
**CV81**

## FLOW CONTROL VALVE WITH 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 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)

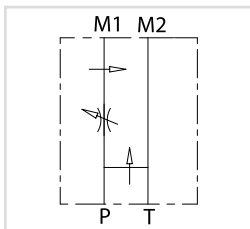
**Applications:** Connect M1 and M2 to the motor and P and T to the pressure.

PART NO.	TYPE	BSP PORTS	MAX INLET FLOW	MAX ADJUSTED FLOW	MAX PRESSURE (BAR)	NETT. PRICE	
						£ STERLING	€ EUROS
V1121	RFP3 1/2" OMP/OMR	1/2"	60	50	350	£104.19	€ 117.73

ON REQUEST: Water proof adjustment knob (CODE/P)

## FLOW CONTROL VALVE WITH 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).

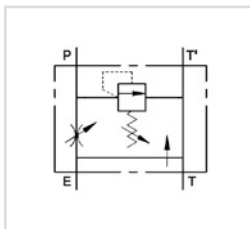
**Body:** zinc-plated steel, **Internal parts:** hardened and ground steel, **Seals:** BUNA N standard, **Tightness:** by diameter combination. Minor leakage (few drops per minute)

**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"	60	50	350	£102.67	€ 116.02

ON REQUEST: Water proof adjustment knob (CODE/P)

## FLOW CONTROL VALVE WITH EXCESS TO TANK FLANGEABLE ON DANFOSS MOTORS WITH RELIEF VALVE ON PRIORITY LINE



### USE AND OPERATION

This valve enables to keep the flow to P constant to a required setting, independent of pressure or inlet flow. Excess flow is drained to T (Tank). The integrated relief valve limits the pressure to the priority line.

**MATERIALS AND FEATURES:** **Body:** Zinc-plated steel. **Internal Parts:** Hardened and ground steel **Seal:** BUNA N standard **Load Holding:** Matched diameters, minimal leakage (few drops per minute)

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

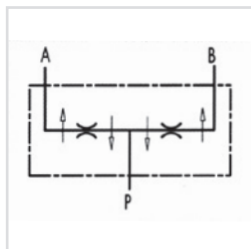
PART NO.	TYPE	BSP PORTS	MAX INLET FLOW	MAX ADJUSTED FLOW	MAX PRESSURE (BAR)	NETT. PRICE	
						£ STERLING	€ EUROS
V1121/VMP	RFP3 1/2" OMP/OMR c/VMP	1/2"	80	60	350	£100.88	€ 114.01
V1122/VMP	RFP3 1/2" OMS c/VMP	1/2"	80	60	350	£100.01	€ 113.01

ON REQUEST: Water proof adjustment knob (CODE/P)

## FLOW DIVIDERS



### 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 any 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.

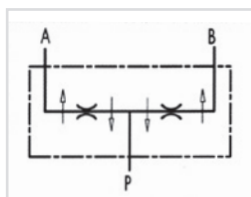
**Body:** cast iron / steel. **Internal Parts:** Hardened and ground steel. **Seals:** BUNA N standard and Teflon. **Tightness:** By diameter combination. Cylinder stroke error tolerance of 2%. Any synchronisation differences are compensated by the terminal position of the stroke.

**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	£137.81	€ 155.73
V1000	V-EQ 10	3/8"	3	6	250	300	£137.81	€ 155.73
V1002	V-EQ 15	3/8"	6	10	250	300	£137.81	€ 155.73
V1003	V-EQ 20	3/8"	10	20	250	300	£137.81	€ 155.73
V1004	V-EQ 22	3/8"	20	32	250	300	£137.81	€ 155.73
V1005	V-EQ 25	1/2"	25	40	250	300	£137.81	€ 155.73
V1006	V-EQ 30	1/2"	40	60	250	300	£137.81	€ 155.73
V1007	V-EQ 50	1/2"	60	80	250	300	£137.81	€ 155.73

\* = Capacity values refers to input P

### 2 WAY STEEL FLOW DIVIDER



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.

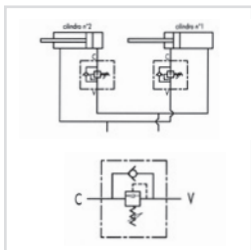
CODE	TYPE	PORT SIZE		MAX FLOW L/MIN	WORKING PRESSURE BAR	PEAK PRESSURE BAR	NETT. PRICE	
		P	A+B				£ STERLING	€ EUROS
V1020	DFL 1-3	3/8"	3/8"	3	250	300	£150.53	€ 170.10
V1021	DFL 3-6	3/8"	3/8"	6	250	300	£99.23	€ 112.13
V1022	DFL 6-10	3/8"	3/8"	10	250	300	£99.23	€ 112.13
V1023	DFL 10-20	3/8"	3/8"	20	250	300	£99.23	€ 112.13
V1024	DFL 20-32	3/8"	3/8"	32	250	300	£150.53	€ 170.10
V1025	DFL 25-40	1/2"	3/8"	40	250	300	£99.23	€ 112.13
V1026	DFL 40-60	1/2"	3/8"	60	250	300	£99.23	€ 112.13
V1027	DFL 60-80	1/2"	3/8"	80	250	300	£99.23	€ 112.13
V1028	DFL 80-100	3/4"	1/2"	100	250	300	£214.94	€ 242.88
V1029	DFL 100-120	1"	3/4"	120	250	300	£217.56	€ 245.84
V1030	DFL 120-150	1"	3/4"	150	250	300	£217.56	€ 245.84

# SEQUENCE VALVES



www.flowfitonline.com  
TECH. DATA SHEET  
**CV86**

## DIRECT ACTING SEQUENCE VALVES



### 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	£42.06	€ 47.53
V0660/*	VS2C 1/2"	1/2"	70	350	£42.06	€ 47.53
V0665/*	VS2C 3/4"	3/4"	110	350	£75.31	€ 85.10

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

### SPRINGS (VS2C 3/8" - 1/2")

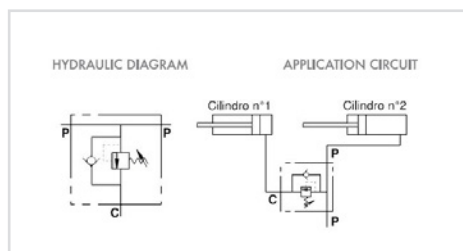
SETTING RANGE BAR	PRESSURE INCREASE (BAR/TURN)	STANDARD SETTING (BAR)
10-50*	7	30
20-100	12	75
30-180 (Standard)	30	90
50-250	45	130
80-300	50	150

\*For setting less than 70 Bar: Q=12 L/MIN

### SPRINGS (VS2C 3/8" - 3/4")

SETTING RANGE BAR	PRESSURE INCREASE( BAR/TURN) Q = 4 L/M
20-200	40
50-400 (Standard)	80

## DIRECT ACTING SEQUENCE VALVES



CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0648/*	VS2C 3/8" - 3V	3/8"	40	350	£69.92	€ 79.01
V0663/*	VS2C 1/2" - 3V	1/2"	70	350	£71.98	€ 81.34

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

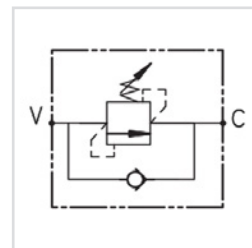
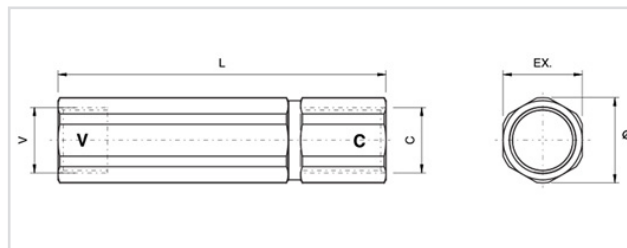
CODE/P SEALING CAP

### SPRINGS

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

\*For setting less than 70 Bar: Q=12 L/MIN

## IN LINE DIRECT ACTING SEQUENCE VALVES



CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0646/*	VSQL 3/8"	3/8"	40	350	£50.06	€ 56.57
V0643/*	VSQL 1/2"	1/2"	80	350	£58.57	€ 66.18
V0645/*	VSQL 3/4"	3/4"	120	351	£66.13	€ 74.73

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

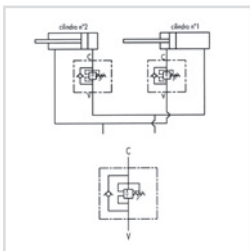
CODE/P SEALING CAP

### PRESSURE RANGE (BAR)

VSQL 3/8"	20-120	-
VSQL 1/2" - 3/4"	20-230	230-350

## SEQUENCE VALVES WITH PRIMARY PRESSURE COMPENSATION

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	PORT SIZE	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0642/*	VSQAPP 3/8"	3/8"	40	350	£53.37	€ 60.31
V0662/*	VSQAPP 1/2"	1/2"	70	350	£62.16	€ 70.24
V0667/*	VSQAPP 3/4"	3/4"	110	400	£160.54	€ 181.41

CODE/\* = Please Specify the desired setting range. See table below. IT IS AN ADDITIONAL £5.24 FOR OTHER SETTING RANGES

### EXTRAS

CODE/V - HANDKNOB

CODE/PP ARRANGED FOR SEALING CAP

CODE/P SEALING CAP

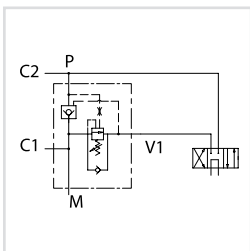
SPRINGS (3/8" - 1/2")		
SETTING RANGE BAR	PRESSURE INCREASE (BAR/TURN)	STANDARD SETTING (BAR)
10-50*	7	30
20-100	12	75
30-180 (Standard)	30	90
50-250	45	130
80-300	50	150

\*For setting less than 70 Bar: Q=12 L/MIN

SPRINGS (3/4")		
SETTING RANGE BAR	PRESSURE INCREASE (BAR/TURN)	STANDARD SETTING (BAR)
20-200	40	160
50-400 (Standard)	80	180

## 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 pump 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 to the 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	PRESSURE RANGE BAR	MAX PRESSURE BAR	NETT. PRICE	
							£ STERLING	€ EUROS
V1220	VRSP 1/2"	1/2"	1:4,5	60	50-100	350	£109.04	€ 123.22
V1230	VRSP 3/4"	3/4"	1:5,5	95	60-110	350	£140.01	€ 158.21

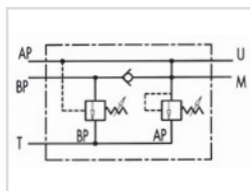
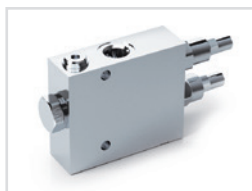


## TWO PUMP "HI-LOW" UNLOADING VALVES

### 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.

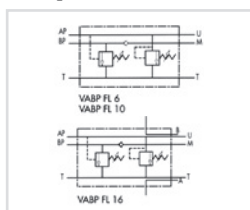
CODE	TYPE	BSP PORTS	MAX FLOW L/MIN			MAX PRESSURE BAR	NETT. PRICE	
			AP	BP	T		£ STERLING	€ EUROS
V0512	VABP 3/8"	3/8"	20	40	60	350	£136.51	€ 154.26
V0513	VABP 1/2"	1/2"	30	50	80	350	£188.36	€ 212.85
V0514	VABP 3/4"	3/4"	40	80	120	350	£194.64	€ 219.94

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.

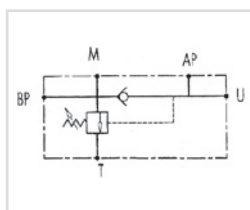
**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** Minor leakage.

**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	20	40	60	350	£226.04	€ 255.44
V0515	VABP FL 10 NG10	30	50	80	350	£439.52	€ 496.66
V0516	VABP FL 16 NG16	40	100	120	350	£204.39	€ 230.96

## LOW PRESSURE UNLOADING VALVES FLANGEABLE ONTO LOW PRESSURE PUMP

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**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 low 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.

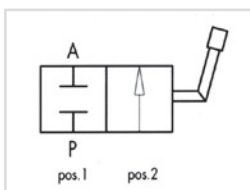
**Applications:** Connect BP to the higher flow pump, AP to the lower flow pump, T to the tank, M to the eventual manometer and U as for necessity.

CODE	TYPE	PORT SIZE	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"	20	40	60	320	80	350	2.5	£95.34	€ 107.73
V0521	VEP FLP 1/2" IFF 40	3/8" BSP	20	40	60	320	80	320	2.5	£144.73	€ 163.54

## HIGH PRESSURE BALL VALVES



### 2 WAY BALL VALVES



#### USE AND OPERATION

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

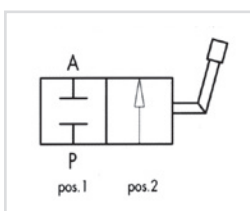
**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard and POM seals, **Tightness:** No leakage.

**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).

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**CV92**

CODE	TYPE	PORT SIZE	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	£9.98	€ 11.28
V0840	RS 2 VIE 3/8"	3/8"	35	500	£10.48	€ 11.84
V0850	RS 2 VIE 1/2"	1/2"	60	500	£12.68	€ 14.34
V0860	RS 2 VIE 3/4"	3/4"	100	400	£23.53	€ 26.59
V0870	RS 2 VIE 1"	1"	180	350	£28.80	€ 32.54
V0871	RS 2 VIE 1 1/4"	1 1/4"	180	350	£31.31	€ 35.38
V0874	RS 2 VIE 1 1/2"	1 1/2"	180	350	£48.53	€ 54.84
V0876	RS 2 VIE 2"	2" BSP	180	350	£186.35	€ 210.59

### 2 WAY BALL VALVES WITH FIXING HOLES



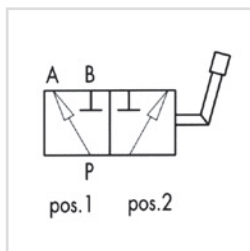
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**CV92**

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	£17.93	€ 20.27
V0840/FF	RS 2 VIE 3/8" FF	3/8"	35	500	£19.31	€ 21.82
V0850/FF	RS 2 VIE 1/2" FF	1/2"	60	500	£21.08	€ 23.83
V0860/FF	RS 2 VIE 3/4" FF	3/4"	100	400	£42.81	€ 48.38
V0870/FF	RS 2 VIE 1" FF	1"	180	350	£46.90	€ 53.00
V0871/FF	RS 2 VIE 1 1/4" FF	1 1/4"	180	350	£61.12	€ 69.07
V0874/FF	RS 2 VIE 1 1/2" FF	1 1/2"	180	350	£66.42	€ 75.05

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	£6.65	€ 7.51
RS2-8L	RS 2 VIE M14X1.5	M14X1.5	25	500	£6.65	€ 7.51
RS2-10L	RS 2 VIE M16X1.5	M16X1.5	25	500	£6.65	€ 7.51
RS2-12L	RS 2 VIE M18X1.5	M18X1.5	35	500	£15.63	€ 17.68
RS2-15L	RS 2 VIE M22X1.5	M22X1.5	35	500	£17.49	€ 19.76
RS2-18L	RS 2 VIE M26X1.5	M26X1.5	60	500	£17.49	€ 19.76
RS2-22L	RS 2 VIE M30X2	M30X2	60	500	£35.85	€ 40.51
RS2-28L	RS 2 VIE M36X2	M36X2	100	350	£47.42	€ 53.58
RS2-35L	RS 2 VIE M45X2	M45X2	180	350	£105.33	€ 119.01
RS2-42L	RS 2 VIE M52X2	M52X2	180	350	£105.33	€ 119.01

## 3 WAY BALL VALVES

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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).

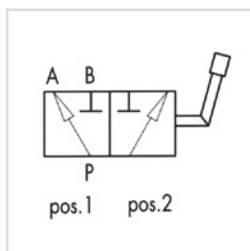
### On Request:

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	£22.85	€ 25.82
V0842	RS 3 VIE 3/8"	3/8"	35	500	£24.03	€ 27.18
V0852	RS 3 VIE 1/2"	1/2"	60	500	£24.03	€ 27.18
V0862	RS 3 VIE 3/4"	3/4"	100	400	£43.88	€ 49.58
V0872	RS 3 VIE 1"	1"	180	350	£50.10	€ 56.60
V0873	RS 3 VIE 1 1/4"	1 1/4"	180	350	£54.02	€ 61.04
V0875	RS 3 VIE 1 1/2"	1 1/2"	180	350	£76.07	€ 85.96

## 3 WAY BALL VALVES WITH FIXING HOLES

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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	£37.24	€ 42.08
V0842/FF	RS 3 VIE 3/8" FF	3/8"	35	500	£38.06	€ 43.01
V0852/FF	RS 3 VIE 1/2" FF	1/2"	60	500	£39.40	€ 44.51
V0862/FF	RS 3 VIE 3/4" FF	3/4"	100	400	£63.20	€ 71.42
V0872/FF	RS 3 VIE 1" FF	1"	180	350	£65.65	€ 74.17
V0873/FF	RS 3 VIE 1 1/4" FF	1 1/4"	180	350	£83.16	€ 93.97
V0875/FF	RS 3 VIE 1 1/2" FF	1 1/2"	180	350	£102.43	€ 115.75

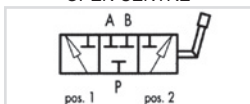
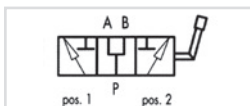
CODE	TYPE	METRIC PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
DIN 2353 LIGHT SERIES CONNECTION					£ STERLING	€ EUROS
RS3-6L	RS 3 VIE M12X1.5	M12X1.5	25	500	£40.30	€ 45.54
RS3-8L	RS 3 VIE M14X1.5	M14X1.5	25	500	£40.30	€ 45.54
RS3-10L	RS 3 VIE M16X1.5	M16X1.5	25	500	£40.30	€ 45.54
RS3-12L	RS 3 VIE M18X1.5	M18X1.5	35	500	£42.32	€ 47.82
RS3-15L	RS 3 VIE M22X1.5	M22X1.5	60	500	£45.34	€ 51.23
RS3-18L	RS 3 VIE M26X1.5	M26X1.5	60	500	£45.34	€ 51.23
RS3-22L	RS 3 VIE M30X2	M30X2	60	500	£75.75	€ 85.60
RS3-28L	RS 3 VIE M36X2	M36X2	100	350	£84.98	€ 96.03
RS3-35L	RS 3 VIE M45X2	M45X2	180	350	£93.61	€ 105.78
RS3-42L	RS 3 VIE M52X2	M52X2	180	350	£373.64	€ 422.21

## DIVERTER VALVES



### 3 WAY DIVERTER VALVES

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TECH. DATA SHEET  
**CV94**



#### 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).

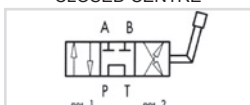
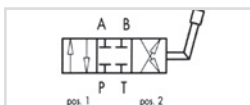
#### On Request:

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	
<b>3 WAY OPEN CENTRE</b>					<b>£ STERLING</b>	<b>€ EUROS</b>
V0880	DF 3 VIE 3/8"	3/8"	60	300	£24.23	€ 27.39
V0890	DF 3 VIE 1/2"	1/2"	90	250	£29.01	€ 32.78
V0900	DF 3 VIE 3/4"	3/4"	120	220	£33.39	€ 37.73
V0910	DF 3 VIE 1"	1"	200	220	£48.10	€ 54.35
<b>3 WAY CLOSED CENTRE</b>						
V0880/CC	3 WAY DIVERTER VALVE CLOSED CENTRE, 3/8"	3/8"	60	300	£22.96	€ 25.94
V0890/CC	4 WAY DIVERTER VALVE CLOSED CENTRE, 1/2"	1/2"	90	250	£24.70	€ 27.90
V0900/CC	5 WAY DIVERTER VALVE CLOSED CENTRE, 3/4"	3/4"	120	220	£33.39	€ 37.73
V0910/CC	6 WAY DIVERTER VALVE CLOSED CENTRE, 1"	1"	200	220	£47.32	€ 53.47

### 4 WAY DIVERTER VALVES

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TECH. DATA SHEET  
**CV95**



#### 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).

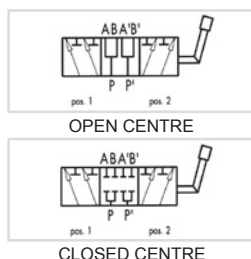
#### On Request:

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	
<b>4 WAY OPEN CENTRE</b>					<b>£ STERLING</b>	<b>€ EUROS</b>
V0970	3/8" 4 Way Diverter Valve Open Centre	3/8"	60	300	£33.39	€ 37.73
V0980	1/2" 4 Way Diverter Valve Open Centre	1/2"	90	250	£36.18	€ 40.88
V0990	3/4" 4 Way Diverter Valve Open Centre	3/4"	120	250	£50.10	€ 56.60
<b>4 WAY CLOSED CENTRE</b>						
V0970/CA	3/8" 4 Way Diverter Valve Closed Centre	3/8"	60	300	£36.65	€ 41.41
V0980/CA	1/2" 4 Way Diverter Valve Closed Centre	1/2"	90	250	£37.42	€ 42.28
V0990/CA	3/4" 4 Way Diverter Valve Closed Centre	3/4"	120	250	£50.10	€ 56.60

## 6 WAY DIVERTER VALVES

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TECH. DATA SHEET  
**CV96**



### 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)

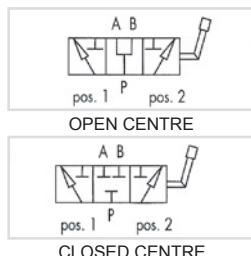
### On Request:

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	
					£ STERLING	€ EUROS
<b>6 WAY OPEN CENTRE</b>						
V0920	3/8" 6 Way Diverter Valve Open Centre	3/8"	60	300	£62.16	€ 70.24
V0940	1/2" 6 Way Diverter Valve Open Centre	1/2"	90	250	£55.66	€ 62.90
V0950	3/4" 6 Way Diverter Valve Open Centre	3/4"	120	220	£68.19	€ 77.05
V0960	1" 6 Way Diverter Valve Open Centre	1"	200	220	£96.01	€ 108.49
<b>6 WAY CLOSED CENTRE</b>						
V0920/CC	3/8" 6 Way Diverter Valve Closed Centre	3/8"	60	300	£47.32	€ 53.47
V0940/CC	1/2" 6 Way Diverter Valve Closed Centre	1/2"	90	250	£53.92	€ 60.93
V0950/CC	3/4" 6 Way Diverter Valve Closed Centre	3/4"	120	220	£68.19	€ 77.05
V0960/CC	1" 6 Way Diverter Valve Closed Centre	1"	200	220	£96.01	€ 108.49

## HIGH PRESSURE 3-WAY DIVERTER VALVES, STEEL BODY

www.flowfitonline.com  
TECH. DATA SHEET  
**CV97**



### 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.

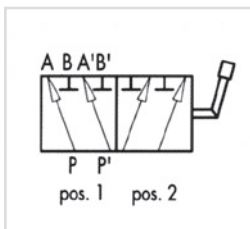
**Applications:** Connect P to the pressure flow, A and P to the ports of the hydraulic circuit where flow has to be diverted. With lever in position 1 the flow is connected towards port A; with lever in position 2, the flow is connected towards port B. With lever in central position ports P, A and B 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"	40	500	0.65	£39.72	€ 44.88
VO881/AP	DF 3 VIE 3/8" AP ACC.	3/8"	60	500	0.72	£39.72	€ 44.88
VO891/AP	DF 3 VIE 1/2" AP ACC.	1/2"	90	500	0.92	£47.86	€ 54.08
VO901/AP	DF 3 VIE 3/4" AP ACC.	3/4"	120	500	1.57	£52.37	€ 59.19
VO911/AP	DF 3 VIE 1" AP ACC.	1"	180	500	2.17	£80.36	€ 90.81

ON REQUEST: CLOSED CENTRE (CODE/CC)

## 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, **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'. Use with lever in central position is NOT recommended.

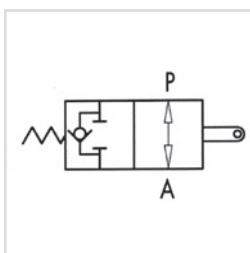
CODE	TYPE	PORTS BSP	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0930	DF 6 VIE 3/8" ACCIAIO	3/8"	40	300	£75.92	€ 85.79
V0932	DF 6 VIE 1/2" ACCIAIO	1/2"	60	300	£89.36	€ 100.98

## END STROKE VALVES



### 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.

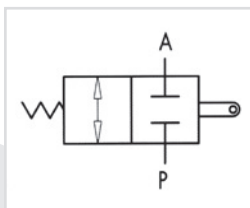
**Body:** Cast iron **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard and POM seals, **Tightness:** Minor leakage.

**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	£68.52	€ 77.43
V0826	V-FCR 1T 80	1/2"	80	350	£70.81	€ 80.02
V0825	V-FCR 1T 120	3/4"	120	350	£148.29	€ 167.57

### END STROKE VALVES, NORMALLY CLOSED

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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

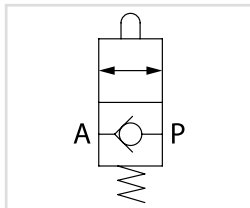
**Applications:** Connect independently A and P to the distributor and to the circuit. When slider is operating, flow is free in both directions, vice versa it is blocked.

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	£65.04	€ 73.50
V0822	V-FCR 2T 80	1/2"	80	350	£66.44	€ 75.09
V0823	V-FCR 2T 120	3/4"	120	350	£161.21	€ 182.17



## END STROKE VALVE WITH CAM, 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

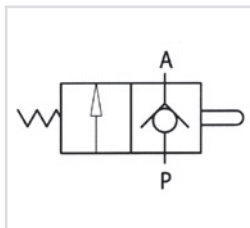
Applications: Connect A directly to the tank and P as for necessity.

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"	70	350	£142.49	€ 161.01

## 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

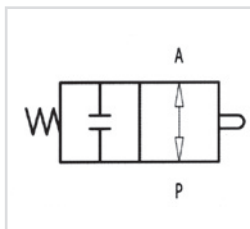
**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage.

**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"	50	350	£62.84	€ 71.01
V0828	V - 101 1/2" NC	1/2"	70	350	£70.11	€ 79.22
V0829	V - 101 3/4" NC	3/4"	100	350	£133.33	€ 150.66

## PUSHBUTTON END STROKE VALVES, NORMALLY OPENED

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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.

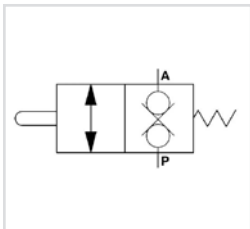
**Applications:** Connect independently A or P to the distributor and to the circuit. When button is operating, flow is blocked in both directions, vice versa it is free.

CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0817	V - 101 3/8" NA	3/8"	45	350	£73.04	€ 82.54
V0818	V -121 1/2" NA	1/2"	60	350	£75.42	€ 85.22

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## DOUBLE LOCKED PUSH BUTTON END OF STROKE VALVES, NORMALLY CLOSED



### USE AND OPERATION

This valve is used to open the inlet to a hydraulic circuit (Valve normally closed).

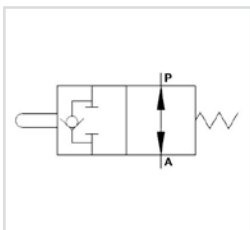
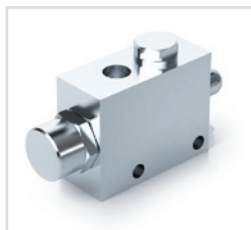
Once the spool is mechanically actuated the flow is free from P to A. It can be principally used for: a) Setting the sequence of 2 actuators. b) As an end of stroke valve, where the flow is connected to tank

**MATERIALS AND FEATURES:** **Body:** Zinc-plated steel. **Internal Parts:** Hardened and ground steel **Seal:** BUNA N standard **Load Holding:** Ball Type, no leakage **Maximum Stroke:** 10mm Fast Opening.

**CONNECTIONS:** Connect P to the circuit and A directly to tank. The mounting scheme can vary according to the use.

CODE	TYPE	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
				£ STERLING	€ EUROS
V1827	V-101 3/8" DT NC	30	300	£36.83	€ 41.63

## PUSH BUTTON END STROKE VALVES, NORMALLY OPEN WITH CHECK VALVE



### 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 closing of the valve, achieved by pulling or pushing the spool, allows an immediate and total stop of the oil flow.

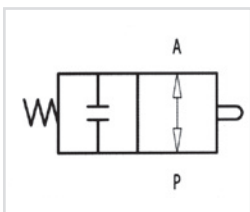
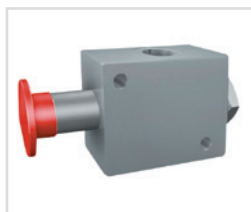
**MATERIALS AND FEATURES:** **Body:** Zinc-plated steel. **Internal Parts:** Hardened and ground steel **Seal:** BUNA N standard **Load Holding:** Ball Type, no leakage **Maximum Stroke:** 15mm Closing after 4mm stroke

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

CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0817/VU	V - 101 3/8" NA-VU	3/8"	45	350	£101.59	€ 114.80
V0818/VU	V - 121 1/2" NA-VU	1/2"	60	350	£104.29	€ 117.84

## MANUAL EMERGENCY VALVE

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**CV104**



### USE AND OPERATION:

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

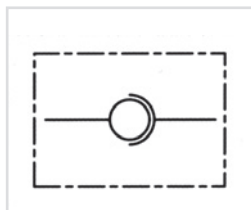
**Body:** zinc-plated steel. **Internal parts:** hardened and ground steel. **Seals:** BUNA N standard. **Tightness:** minor leakage

**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	£90.44	€ 102.20

## ROTATING COUPLINGS

### IN LINE ROTATING COUPLING



#### 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.

#### ON REQUEST:

NPT Thread (Code GN... Instead of G...)

Example: GGL 1/4" NPT code = GN1050)

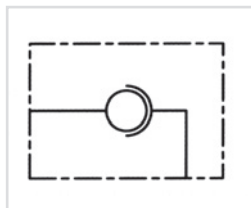
GX Inox (GX... Instead of G...)

Example: GGL 1/4" INOX code = GX1050)

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TECH. DATA SHEET  
**CV105**

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	£10.44	€ 11.80
G1060	GGL 3/8"	3/8"	35	200	400	173	£11.09	€ 12.53
G1070	GGL 1/2"	1/2"	60	150	300	160	£12.97	€ 14.66
G1080	GGL 3/4"	3/4"	100	150	300	120	£19.28	€ 21.79
G1090	GGL 1"	1"	180	100	300	100	£26.47	€ 29.91
G1091	GGL 1 1/4"	1 1/4"	270	100	300	86	£47.70	€ 53.90
G1092	GGL 1 1/2"	1 1/2"	350	80	300	73	£71.62	€ 80.93
G1093	GGL 2"	2"	700	50	250	50	£99.40	€ 112.32

### 90 DEGREE ROTATING COUPLING



#### 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.

#### ON REQUEST:

NPT Thread (Code GN... Instead of G...)

Example: GG 90° 1/4" NPT code = GN0990)

Stainless Steel Body (GX... Instead of G...)

Example: GG 90° 1/4" Stainless Steel code = GX0990)

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TECH. DATA SHEET  
**CV106**

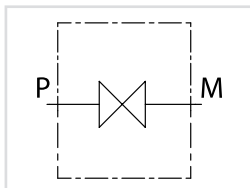
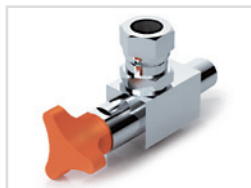
CODE	TYPE	BSP PORTS	MAX FLOW L/MIN	MAX PRESSURE (BAR) WHEN ROTATING	MAX PRESSURE BAR	MAX ROTATION SPEED	NETT. PRICE	
							£ STERLING	€ EUROS
G0990	GG 90DEG 1/4"	1/4"	25	200	400	212	£11.16	€ 12.61
G1010	GG 90DEG 3/8"	3/8"	35	200	400	173	£12.34	€ 13.94
G1020	GG 90DEG 1/2"	1/2"	60	150	300	160	£14.61	€ 16.50
G1030	GG 90DEG 3/4"	3/4"	100	150	300	120	£22.54	€ 25.47
G1040	GG 90DEG 1"	1"	180	100	300	100	£29.25	€ 33.05
G1042	GG 90DEG 1 1/4"	1 1/4"	270	100	300	86	£75.05	€ 84.82
G1043	GG 90DEG 1 1/2"	1 1/2"	350	80	300	73	£98.34	€ 111.12
G1044	GG 90DEG 2"	2"	700	50	250	50	£136.33	€ 154.05

## GAUGE ISOLATOR VALVES



### GAUGE ISOLATOR IN LINE

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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.

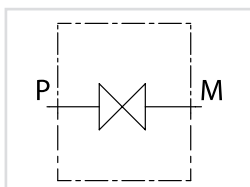
**Body:** nickel steel. **Seals:** NBR

**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	£12.15	€ 13.73

### 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.

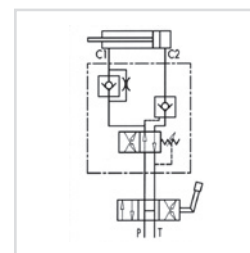
CODE	TYPE	BSP PORTS	WORKING PRESSURE BAR	NETT. PRICE	
				£ STERLING	€ EUROS
EM001N	EM90° 1/4" BSP MF	1/4"	400	£11.58	€ 12.86

## PLOUGH OVERTURNING VALVES



### SINGLE ACTING PLOUGH OVERTURNING VALVES

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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,

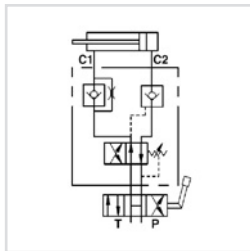
**Seals:** Buna N standard, **Tightness:** No leakage. These valves are supplied with exchange pressure at 140 Bar: according to your requirements, pressure setting can be modified by acting on the pressure regulator.

**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	£115.29	€ 130.28
V0280	VRA 60/80 SE	3/8"	200	400	£121.04	€ 136.79

## FLANGEABLE SINGLE ACTING PLOUGH OVERTURNING VALVES

www.flowfitonline.com  
TECH. DATA SHEET  
**CV109**



### USE AND OPERATION

This valve has been designed for use on cylinders for reversible ploughs to obtain the automatic oil flow reversal, and therefore the reversal of the hydraulic cylinder which rotates the plough. It is provided with a single pilot operated check valve which provides leakage control on the cylinder head side only, whilst the rod side must be secured on the plough's mechanical stops. This valve is not recommended for ploughs which rotate the frame upwards.

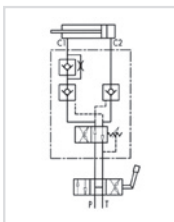
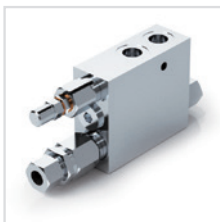
**MATERIALS AND FEATURES:** **Body:** Zinc-plated steel. **Internal Parts:** Hardened and ground steel **Seal:** BUNA N standard **Load Holding:** Guided poppet, negligible leakage. These valves are supplied with exchange pressure of 125-140 bar.

**CONNECTIONS:** Use the flange interface to connect C 1 and C2 to the cylinder. P and T to the machine's supply.

CODE	TYPE	MAX EXCHANGE PRESSURE BAR	MAX PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0281	VRA 60/80 SE FL	200	400		£107.91	€ 121.94

## 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.

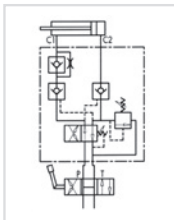
**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage. These valves are supplied with exchange pressure at 140 Bar: according to your requirements, pressure setting can be modified by acting on the pressure regulator.

**Applications:** Connect C1 to the cylinder's stem, C2 to the block, P and T to the machine inlet. Due to its 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 DE	3/8"	250	400	£139.20	€ 157.30
V0290	VRAP 60/80 DE	3/8"	250	400	£139.20	€ 157.30
V0300	VRAP 80/100 DE	3/8"	250	400	£139.20	€ 157.30
V0302	VRAP 100/110 DE	3/8"	250	400	£139.20	€ 157.30
V0320	VRAP 110/130 DE	3/8"	250	400	£141.87	€ 160.29

## 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.

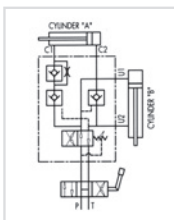
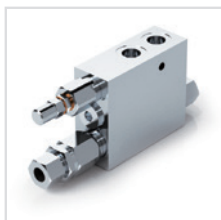
**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage. These valves are supplied with exchange pressure at 140 Bar: according to our requirements, pressure setting can be modified by acting on the pressure regulator.

**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
V0348	VRAP 40/50 DE + VMP	3/8"	250	250	£127.22	€ 143.76
V0350	VRAP 60/80 DE + VMP	3/8"	250	400	£148.29	€ 167.57
V0360	VRAP 80/100 DE + VMP	3/8"	250	400	£173.75	€ 196.35
V0376	VRAP 100/110 DE + VMP	3/8"	250	400	£173.75	€ 196.35
V0380	VRAP 110/130 DE + VMP	3/8"	250	400	£205.42	€ 232.12

## DOUBLE ACTING PLOUGH OVERTURNING VALVE WITH ALIGNMENT

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).

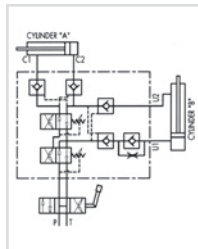
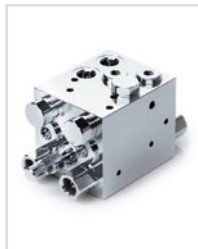
Operating Instructions: First cylinder B starts lining up the load. Before the manoeuvre ends, cylinder A starts overturning. **Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage. These valves are supplied with exchange pressure at 140 Bar: according to your 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	BSP PORTS	MAX EXCHANGE PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0330	VRAP 80/100 SS	3/8"	250	400	£148.29	€ 167.57
V0331	VRAP 100/110 SS VMP	3/8"	250	400	£263.28	€ 297.51

## DOUBLE ACTING PLOUGH OVERTURNING VALVE WITH ALIGNMENT FOR IN FARROW PLOUGHS

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 its 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.

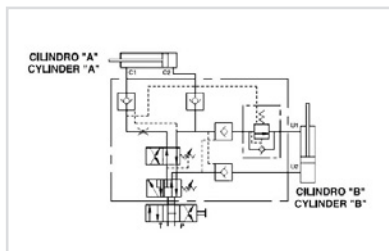
**Body:** Zinc-plated steel **Internal parts:** Hardened and ground steel, **Seals:** Buna N standard, **Tightness:** No leakage.

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 its 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.

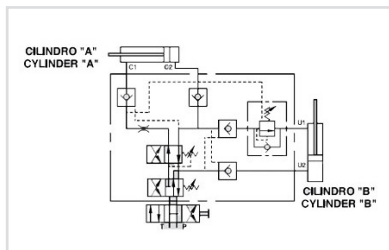
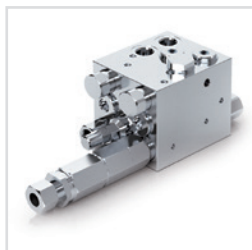
CODE	TYPE	BSP PORTS	MAX EXCHANGE PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0339	VRAP 70/80 SE SV	3/8"	230	400	£487.37	€ 550.73
V0340	VRAP 80/100 SE SV	3/8"	230	400	£392.68	€ 443.73

## DOUBLE ACTING PLOUGH OVERTURNING VALVE WITH ALIGNMENT FOR IN FARROW PLOUGHS



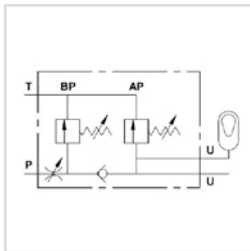
CODE	TYPE	BSP PORTS	MAX EXCHANGE PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0345	VRAP 70/80 DE SV	3/8"	230	400	£523.76	€ 591.85
V0346	VRAP 80/100 DE SV	3/8"	230	400	£523.76	€ 591.85

## DOUBLE ACTING PLOUGH OVERTURNING VALVE WITH ALIGNMENT FOR ON LAND PLOUGHS



CODE	TYPE	BSP PORTS	MAX EXCHANGE PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0342	VRAP 80/90 SV FS	3/8"	230	400	£544.71	€ 615.52
V0343	VRAP 110/130 SV FS	3/8"	230	400	£544.71	€ 615.52

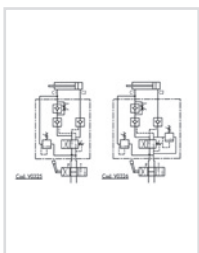
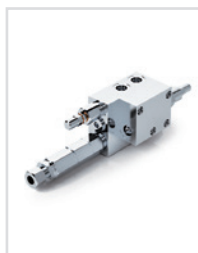
## NON-STOP VALVE FOR PLOUGH AND SUB SOIL TILLERS WITH NON-STOP FEATURE



CODE	TYPE	BSP PORTS	MAX PRESSURE BAR	NETT. PRICE	
				£ STERLING	€ EUROS
V0297	VNS CS 3/8"	3/8"	350	£317.01	€ 358.21

## DOUBLE ACTING PLOUGH ON LAND (OUTSIDE FURROW) OVERTURNING VALVES FOR CYLINDER WITH MEMORY AND WITHOUT MEMORY

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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.

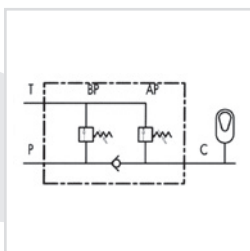
These valves are supplied with exchange pressure at 140 Bar: according to your requirements, pressure setting can be modified by acting on the pressure regulator.

**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	£231.55	€ 261.64
V0326	VRAP 110/130 FSSM	250	400	£224.16	€ 253.32

## NON-STOP VALVES FOR PLOUGH AND SUB SOIL TILLERS WITH NON-STOP FEATURE

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 at 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	VNS 3/8"	3/8"	350	£141.09	€ 159.43
V0296	VNS 1/2"	1/2"	350	£151.64	€ 171.35



# SOLENOID DIVERTER VALVES

PRODUCT	PAGE
SDV3 3 WAY SOLENOID DIVERTERS MAX FLOW 80L/MIN	180
SDV06 6 WAY SOLENOID DIVERTERS MAX FLOW 50L/MIN	181
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DIVERTER VALVE HANDLEVER MICROSWITCH KIT	184
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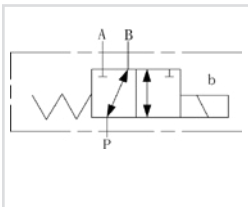
**FREE ADVICE**

*If the part  
number needed  
is not listed  
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the Flowfit  
Sales Team*

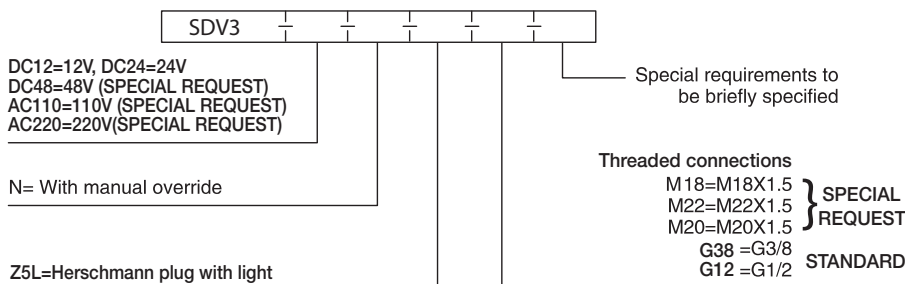
## SOLENOID DIVERTER VALVES

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

www.flowfitonline.com  
TECH. DATA SHEET  
**SDV01**



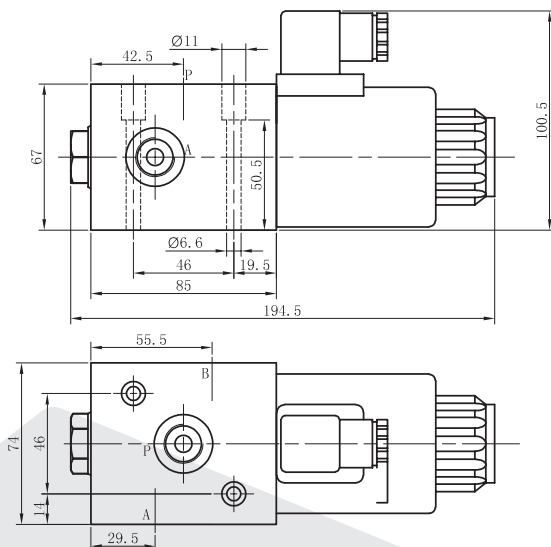
Diverter valves are used to add an extra facility to the directional control valve when it is needed for a sequence of operations such as a safety operation or to control a selected hydraulic cylinder. No drainline required.



#### 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**

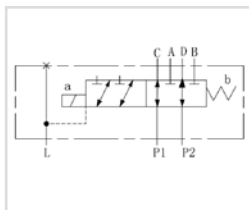


- **MANUAL OVERRIDE STANDARD**

PART NUMBER	VOLTAGE	PORT SIZE BSP	FLOW RATE L/MIN	MAX PRESSURE BAR	COIL SIZE	WEIGHT (KG)	NETT. PRICE	
							£ STERLING	€ EUROS
SDV3DC12NZ5LG38	12 VDC	3/8"	80	210	NG10	4.23	£81.93	€ 92.58
SDV3DC24NZ5LG38	24 VDC	3/8"	80	210	NG10	4.23	£81.93	€ 92.58
SDV3DC12NZ5LG12	12 VDC	1/2"	80	210	NG10	4.23	£94.07	€ 106.30
SDV3DC24NZ5LG12	24 VDC	1/2"	80	210	NG10	4.23	£94.07	€ 106.30

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

www.flowfitonline.com  
TECH. DATA SHEET  
**SDV02**



Diverter 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 operator 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	*	*	**	
-----	----	---	---	---	---	---	----	--

Stackable  
diverter valve

Size 06

No of ways single element (6 Way)

Threaded connectors 3/8" BSP

External Drain

No of elements: 1/2/3/4/5

VARIANTS  
00=No variant  
V1=Viton  
R1=rectifier

Voltage L=12V M=24V  
DC48=48V AC110=110V  
AC220=220V

## SPECIFICATION

**Max. pressure:** 250 bar

**Max. flow:** 50 l/min

**Overlap:** negative

**Hydraulic fluids:** Mineral oils DIN 51524

**Fluid viscosity:** 10 ÷ 500 mm<sup>2</sup>/s

**Fluid temperature:** -25°C ÷ 75°C

**Ambient temperature:** -25°C ÷ 60°C

**Max. Contamination level:** class 10 in accordance

**Oil cleanliness:** NAS with 1638 with filter

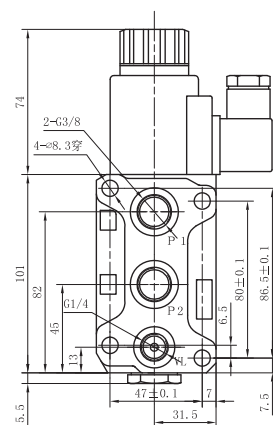
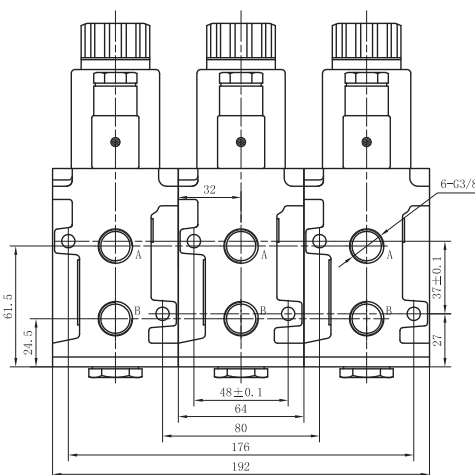
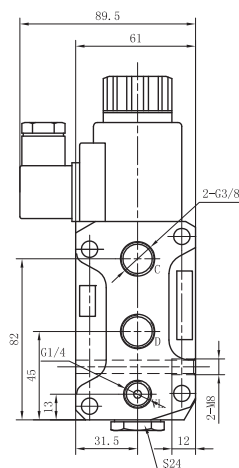
β<sub>25</sub>≥75

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

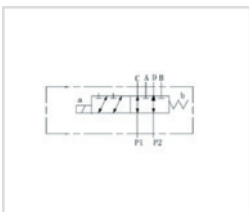
- **COMPACT**
- **EASY TO INSTALL**
- **EXCELLENT PRICE**
- **OEM TOP DEMANDED FLOWFIT PRODUCT**
- **MANUAL OVERRIDE STANDARD**



PART NUMBER	VOLTAGE	PORT SIZE BSP	FLOW RATE L/MIN	MAX PRESSURE BAR	COIL SIZE	WEIGHT (KG)	NETT. PRICE	
							£ STERLING	€ EUROS
SDV066W11LE1	12 VDC	3/8"	50	250	NG6	3	£127.44	€ 144.01
SDV066W11ME1	24 VDC	3/8"	50	250	NG6	3	£127.44	€ 144.01

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

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 operation or 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.

SDVRN 06 6 \* I \* \*

Stackable circuit selector valve

Size NG06

No. of way(single element)

Threaded connection  
G 1/2

Voltage  
DC12/DC24

QTY of elements:1/2/3/4/5

Internal drainage

### SPECIFICATION

**Max. pressure:** 250 bar

**Max. flow:** 50 l/min

**Overlap:** negative

**Hydraulic fluids:** Mineral oils DIN 51524

**Fluid viscosity:** 10 ÷ 500 mm<sup>2</sup>/s

**Fluid temperature:** -25°C ÷ 75°C

**Ambient temperature:** -25°C ÷ 60°C

**Max. Contamination level:** class 10 in accordance

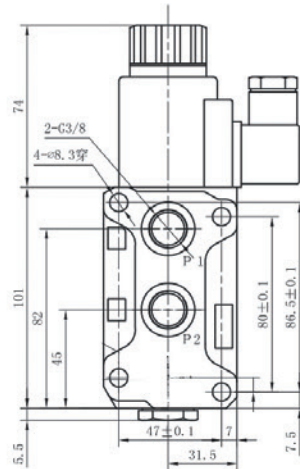
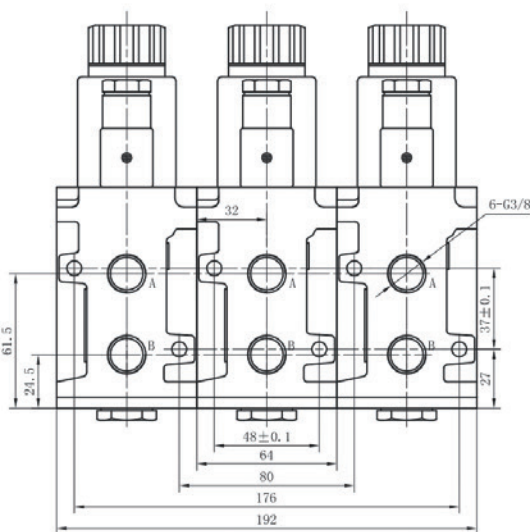
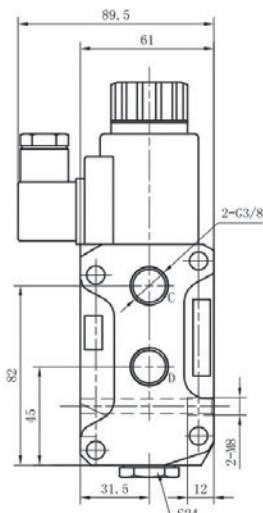
**Oil cleanliness:** NAS with 1638 with filter β<sub>25</sub>≥75

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	-
2	8	128	174
3	10	192	238
4	12	256	302
5	14	320	366

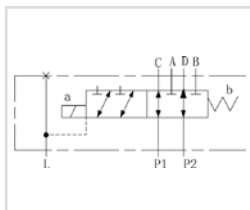
- **COMPACT**
- **EASY TO INSTALL**
- **EXCELLENT PRICE**
- **OEM TOP DEMANDED FLOWFIT PRODUCT**
- **MANUAL OVERRIDE STANDARD**



PART NUMBER	VOLTAGE	PORT SIZE BSP	FLOW RATE L/MIN	MAX PRESSURE BAR	COIL SIZE	WEIGHT (KG)	NETT. PRICE	
							£ STERLING	€ EUROS
SDVRN066G3/811DC12	12V DC	3/8" BSP	50	250	NG6	3.5	£127.44	€ 144.01
SDVRN066G3/811DC24	24V DC	3/8" BSP	50	250	NG6	3.5	£127.44	€ 144.01
SDVRN066G1/211DC12	12V DC	1/2" BSP	50	250	NG6	3.5	£127.44	€ 144.01
SDVRN066G1/211DC24	24V DC	1/2" BSP	50	250	NG6	3.5	£127.44	€ 144.01

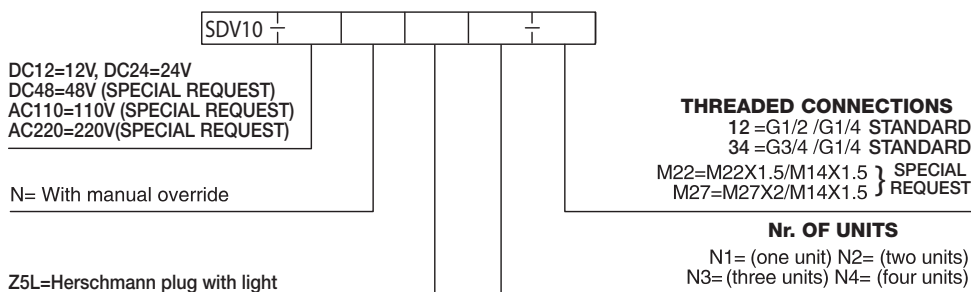
## SDV10 6 WAY SOLENOID DIVERTERS MAX FLOW 80L/MIN. 315 BAR RATED

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.

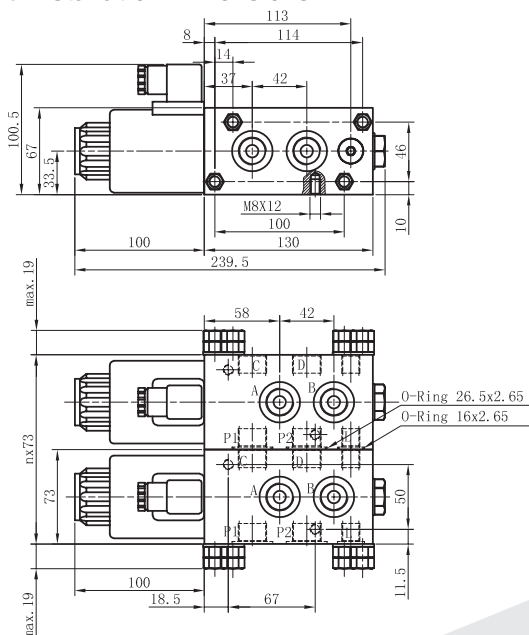
Please note drainline must be connected back to tank at all times



## 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	Coil Size	Weight (kg)	Nett. Price	
							£ Sterling	€ Euros
SDV10DC12NZ5LN112	12 VDC	1/2"	80	315	NG10	5.14	£127.44	€ 144.01
SDV10DC24NZ5LN112	24 VDC	1/2"	80	315	NG10	5.14	£127.44	€ 144.01
SDV10DC12NZ5LN134	12 VDC	3/4"	80	315	NG10	5.14	£127.44	€ 144.01
SDV10DC24NZ5LN134	24 VDC	3/4"	80	315	NG10	5.14	£127.44	€ 144.01

## DIVERTER VALVE HANDLEVER MICROSWITCH KIT

www.flowfitonline.com  
TECH. DATA SHEET  
**SDV04**

### Working conditions for the Microswitch

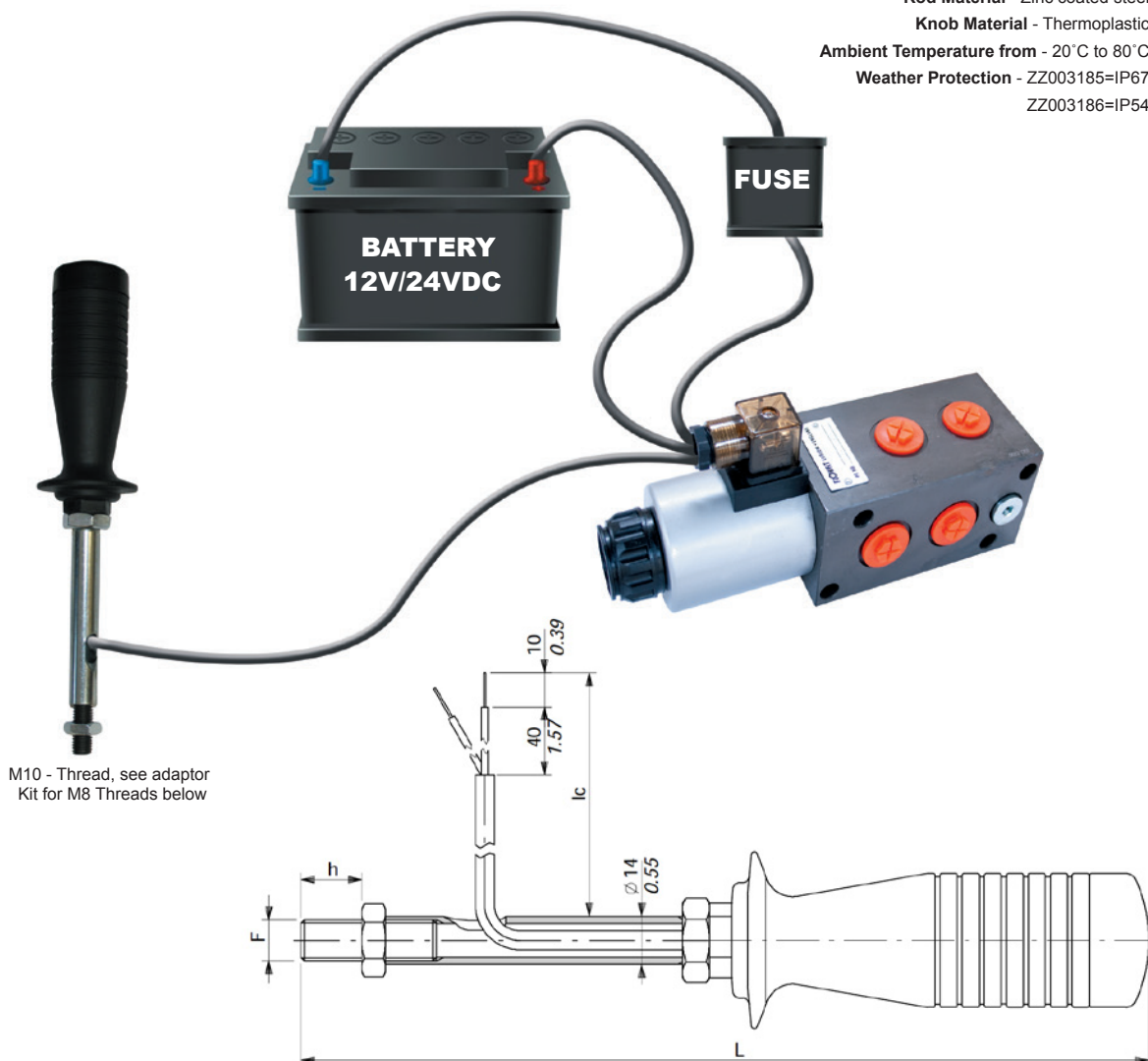
Rod Material - Zinc coated steel

Knob Material - Thermoplastic

Ambient Temperature from - 20°C to 80°C

Weather Protection - ZZ003185=IP67

ZZ003186=IP54



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	£2.96 € 3.35

PART NUMBER	OPERATION OF SWITCH	THREAD TYPE	LENGTH (MM)	WEIGHT (KG)	NETT. PRICE	
					£ STERLING	€ EUROS
ZZ003185	PUSH BUTTON ON/OFF	M10	250	0.5	£67.52	€ 76.29
ZZ003186	ROCKER SWITCH ON/OFF Detent 2 position	M10	250	0.5	£75.11	€ 84.87



## FLOWFIT AC COIL TO SUIT HYDRAULIC SOLENOID DIVERTER

PART NUMBER	OPERATION OF SWITCH	NETT. PRICE	
		£ STERLING	€ EUROS
SDV-NG6COIL-110VAC	110V AC, NG6	£37.30	€ 42.14
SDV-NG6COIL-220VAC	220V AC, NG6	£37.30	€ 42.14
SDV-NG10COIL-110VAC	110V AC, NG10	£37.30	€ 42.14
SDV-NG10COIL-220VAC	220V AC, NG10	£37.30	€ 42.14



## FLOWFIT DC COIL TO SUIT HYDRAULIC SOLENOID DIVERTER

PART NUMBER	OPERATION OF SWITCH	NETT. PRICE	
		£ STERLING	€ EUROS
SDV-NG6COIL-12VDC	12V DC, NG6	£37.30	€ 42.14
SDV-NG6COIL-24VDC	24V DC, NG6	£37.30	€ 42.14
SDV-NG10COIL-12VDC	12V DC, NG10	£37.30	€ 42.14
SDV-NG10COIL-24VDC	24V DC, NG10	£37.30	€ 42.14



## HYDRAULIC 3 WAY SOLENOID DIVERTER

PART NO	THREAD SIZE	VOLTAGE	NETT PRICE	
			£ STERLING	€ EUROS
12A240020	3/8" BSP	12V DC	£195.52	€ 220.94
12A240040	3/8" BSP	24V DC	£195.52	€ 220.94
12A440025	1/2" BSP	24V DC	£257.70	€ 291.20
12A640026	3/4" BSP	24V DC	£349.07	€ 394.45



## HYDRAULIC 6 WAY SOLENOID DIVERTER

PART NO	THREAD SIZE	VOLTAGE	NETT PRICE	
			£ STERLING	€ EUROS
12A270033	3/8" BSP	12V DC	£221.78	€ 250.61
12A270023	3/8" BSP	24V DC	£221.78	€ 250.61
12A470014	1/2" BSP	12V DC	£454.66	€ 513.77
12A470025	1/2" BSP	24V DC	£271.85	€ 307.18
12A670014	3/4" BSP	12V DC	£382.71	€ 432.47
12A670026	3/4" BSP	24V DC	£382.71	€ 432.47



## HYDRAULIC DRAIN CONNECTOR

PART NO	TO SUIT	NETT PRICE	
		£ STERLING	€ EUROS
5GUI001	DFE052	£13.28	€ 15.01
5GUI004	DFE10	£13.03	€ 14.72
5GUI007	DFE020	£18.78	€ 21.23







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CHOOSE THE LENGTH, ANGLE ROTATION, WIDTH, FITTING SIZE AND HOSE SLEEVE!

LENGTH	ANGLE ROTATION
0.25 Metre	0° C Shape
0.5 Metre	
0.75 Metre	180° S Shape
<b>1 Metre</b>	
1.25 Metre	
1.5 Metre	
1.75 Metre	

FITTING SIZE
1/2 JIC 90° (FEMALE)
7/16 JIC STRAIGHT
1 1/4" BSPP 45° (FEMALE)
<b>1 1/2" BSPP STUD (MALE)</b>
M14x1.5 METRIC 45° (FEMALE)
M18x1.5 METRIC 90° (FEMALE)
M45x2 METRIC STUD (MALE)

WIDTH
5/8" SMOOTH HOSE 280BAR (4060PSI)
3/4" STANDARD HOSE 215BAR (3118PSI)
1" SMOOTH HOSE 185 BAR (2683PSI)
1 1/4" STANDARD HOSE 125BAR (1813PSI)
1 1/2" STANDARD HOSE 275BAR (3988PSI)
2" STANDARD HOSE 80BAR (1160PSI)

HOSE SLEEVE
NO HOSE SLEEVE
<b>PLASTIC SPIRAL HOSE SLEEVE</b>
TEXTILE HOSE SLEEVE

## HYDRAULIC HOSE MACHINERY

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# FLOWFIT CETOP VALVES

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## FLOWFIT CETOP 3 NG6 SOLENOID DIRECTIONAL CONTROL VALVE

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TECH. DATA SHEET  
**FCV1**

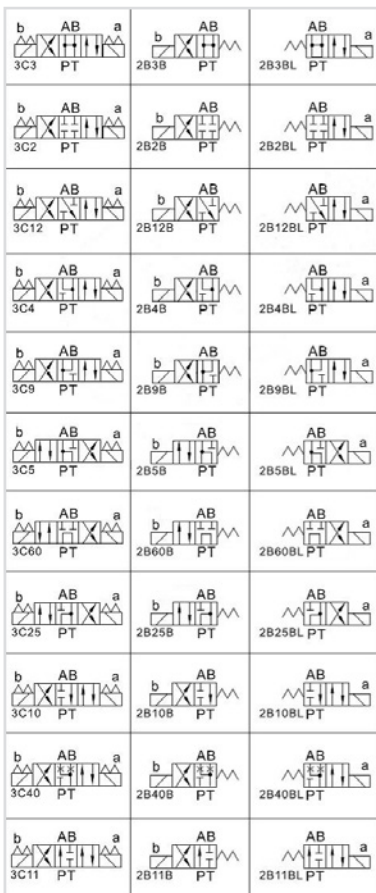
Flowfit offer a large range of solenoid operated CETOP 3 NG6 with a maximum flow of 80 l/min, commonly used in powerpacks and other hydraulic applications. Available in 12VDC, 24VDC, 110VAC and 220VAC.

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.

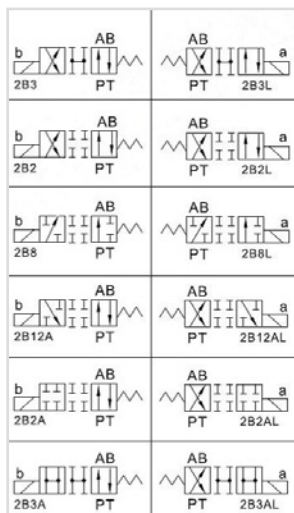


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### SPECIFICATION

**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 mm<sup>2</sup>/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	£59.17	€ 66.86
F5-02-3C3-**	Double	3 Position	Spring	£59.17	€ 66.86
F5-02-3C4-**	Double	3 Position	Spring	£59.17	€ 66.86
F5-02-3C5-**	Double	3 Position	Spring	£59.17	€ 66.86
F5-02-3C9-**	Double	3 Position	Spring	£59.17	€ 66.86
F5-02-3C10-**	Double	3 Position	Spring	£59.17	€ 66.86
F5-02-3C11-**	Double	3 Position	Spring	£59.17	€ 66.86
F5-02-3C12-**	Double	3 Position	Spring	£59.17	€ 66.86
F5-02-3C25-**	Double	3 Position	Spring	£59.17	€ 66.86
F5-02-3C40-**	Double	3 Position	Spring	£59.17	€ 66.86
F5-02-3C60-**	Double	3 Position	Spring	£59.17	€ 66.86

**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	£44.01	€ 49.73
F5-02-2B2L-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B2A-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B2AL-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B2B-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B2BL-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B3-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B3L-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B3A-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B3B-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B3BL-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B4B-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B4BL-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B5B-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B5BL-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B8-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B8L-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B9B-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B9BL-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B10B-**	Single	2 Position	Spring	£41.51	€ 46.90
F5-02-2B10BL-**	Single	2 Position	Spring	£41.51	€ 46.90
F5-02-2B11B-**	Single	2 Position	Spring	£41.51	€ 46.90
F5-02-2B11BL-**	Single	2 Position	Spring	£41.51	€ 46.90
F5-02-2B12A-**	Single	2 Position	Spring	£41.51	€ 46.90
F5-02-2B12AL-**	Single	2 Position	Spring	£41.51	€ 46.90
F5-02-2B12B-**	Single	2 Position	Spring	£41.51	€ 46.90

**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
F5-02-2B10B-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B10BL-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B11B-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B11BL-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B12A-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B12AL-**	Single	2 Position	Spring	£44.01	€ 49.73
F5-02-2B12B-**	Single	2 Position	Spring	£44.01	€ 49.73

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

## NG6 COIL ONLY TO SUIT FLOWFIT CETOP 3 VALVE

PART NO	VOLTAGE	NETT PRICE	
		£ STERLING	€ EUROS
F5-02-COIL-D1	12V DC	£24.26	€ 27.41
F5-02-COIL-D2	24V DV	£24.26	€ 27.41
F5-02-COIL-A1	110V AC	£24.26	€ 27.41
F5-02-COIL-A2	220V AC	£24.26	€ 27.41



## FLOWFIT CETOP 3 HAND OPERATED DIRECTIONAL CONTROL VALVES

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV2**



MAXIMUM FLOW: 30 l/min

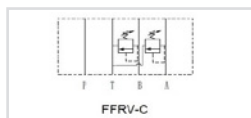
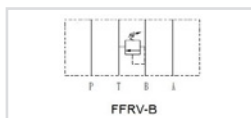
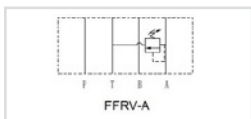
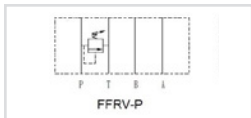
MAXIMUM PRESSURE: 250 Bar

SEE SPOOL CONFIGURATIONS ON PREVIOUS PAGE

SUBPLATE	SPRING CENTRED	DETENT	NETT. PRICE	
			£ STERLING	€ EUROS
DMG-02-*	W	*****	£140.84	€ 159.15
DMG-02-*	*****	O	£135.22	€ 152.80

## 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

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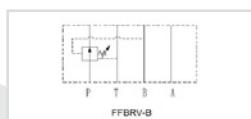
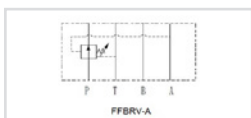
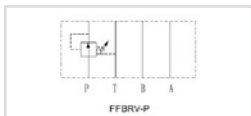
### SPECIFICATION

**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	£44.98	€ 50.83
FFRV-02P-K-2-20	CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON P	£44.98	€ 50.83
FFRV-02P-K-3-20	CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON P	£70.55	€ 79.72
FFRV-02A-K-1-20	CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON A	£44.98	€ 50.83
FFRV-02A-K-2-20	CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON A	£50.06	€ 56.57
FFRV-02A-K-3-20	CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON A	£44.98	€ 50.83
FFRV-02B-K-1-20	CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON B	£50.06	€ 56.57
FFRV-02B-K-2-20	CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON B	£50.06	€ 56.57
FFRV-02B-K-3-20	CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON B	£50.06	€ 56.57
FFRV-02C-K-1-20	CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON A+B	£44.98	€ 50.83
FFRV-02C-K-2-20	CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON A+B	£44.98	€ 50.83
FFRV-02C-K-3-20	CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON A+B	£70.54	€ 79.71

## 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

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### SPECIFICATION

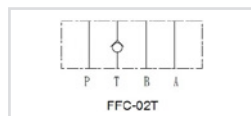
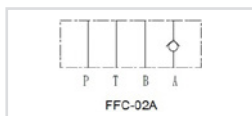
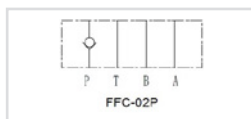
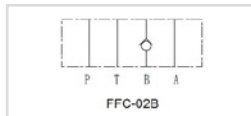
**Nominal Size:** NG6  
**Maximum Flow Rate:** 35 l/min  
**Maximum Pressure:** 250 Bar  
**Seal Material:** NBR  
**Max Fluid Temperature:** -20° to 70°C  
**Oil Viscosity:** -2.8 to 380 mm2/s  
**Weight:** 1.2kg  
**Manual Adjustment:** Standard on all valves

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFBRV-02P-K-1-20	CETOP 3 MODULAR REDUCING VALVE 8-70BAR ON P	£50.06	€ 56.57
FFBRV-02P-K-2-20	CETOP 3 MODULAR REDUCING VALVE 35-140BAR ON P	£50.06	€ 56.57
FFBRV-02P-K-3-20	CETOP 3 MODULAR REDUCING VALVE 70-250BAR ON P	£44.98	€ 50.83
FFBRV-02A-K-1-20	CETOP 3 MODULAR REDUCING VALVE 8-70BAR ON A	£50.06	€ 56.57
FFBRV-02A-K-2-20	CETOP 3 MODULAR REDUCING VALVE 35-140BAR ON A	£50.06	€ 56.57
FFBRV-02A-K-3-20	CETOP 3 MODULAR REDUCING VALVE 70-250BAR ON A	£50.06	€ 56.57
FFBRV-02B-K-1-20	CETOP 3 MODULAR REDUCING VALVE 8-70BAR ON B	£50.06	€ 56.57
FFBRV-02B-K-2-20	CETOP 3 MODULAR REDUCING VALVE 35-140BAR ON B	£50.06	€ 56.57
FFBRV-02B-K-3-20	CETOP 3 MODULAR REDUCING VALVE 70-250BAR ON B	£50.06	€ 56.57



## 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 opposite 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

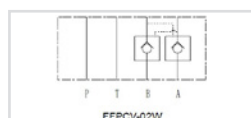
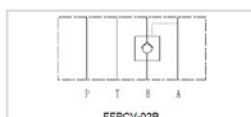
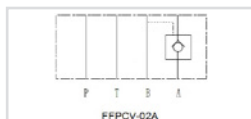
**Weight:** 1.2kg

**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	£42.93	€ 48.52
FFC-02P-50-20	CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON P	£40.97	€ 46.30
FFC-02A-05-20	CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON A	£42.93	€ 48.52
FFC-02A-50-20	CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON A	£40.97	€ 46.30
FFC-02B-05-20	CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON B	£40.97	€ 46.30
FFC-02B-50-20	CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON B	£40.97	€ 46.30
FFC-02T-05-20	CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON T	£40.97	€ 46.30
FFC-02T-50-20	CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON T	£40.97	€ 46.30

## 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

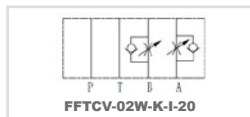
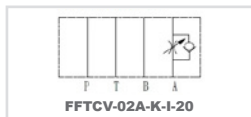
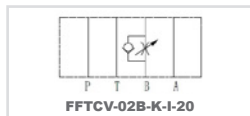
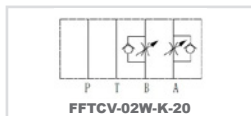
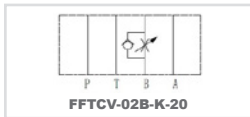
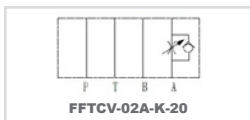
**Weight:** 1.1kg

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPCV-02A-05-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 0.35BAR ON A	£45.51	€ 51.42
FFPCV-02A-50-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 3.5BAR ON A	£45.51	€ 51.42
FFPCV-02B-05-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 0.35BAR ON B	£45.51	€ 51.42
FFPCV-02B-50-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 3.5BAR ON B	£47.80	€ 54.01
FFPCV-02W-05-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 0.35BAR ON A AND B	£47.80	€ 54.01
FFPCV-02W-50-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 3.5BAR ON A AND B	£42.93	€ 48.52

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## FLOWFIT CETOP 3 NG6 MODULAR FLOW CONTROL VALVE WITH CHECK

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV7**



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

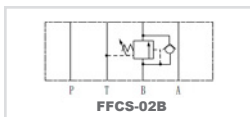
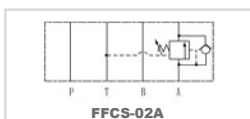
**Nominal Size:** NG6  
**Maximum Flow Rate:** 35 l/min  
**Maximum Pressure:** 250 Bar  
**Seal Material:-** NBR  
**Max Fluid Temperature:** -20° to 70°C  
**Oil Viscosity:** -2.8 to 380 mm2/s  
**Weight:** A, B 1.2kg  
W 1.4kg  
**Manual Adjustment:** Standard on all valves



PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFTCV-02A-K-20	CETOP 3 MODULAR FLOW CONTROL VALVE MTR OUT ON A PORT	£50.06	€ 56.57
FFTCV-02A-K-I-20	CETOP 3 MODULAR FLOW CONTROL VALVE MTR IN ON A PORT	£50.06	€ 56.57
FFTCV-02B-K-20	CETOP 3 MODULAR FLOW CONTROL VALVE MTR OUT ON B PORT	£50.06	€ 56.57
FFTCV-02B-K-I-20	CETOP 3 MODULAR FLOW CONTROL VALVE MTR IN ON B PORT	£50.06	€ 56.57
FFTCV-02W-K-20	CETOP 3 MODULAR FLOW CONTROL VALVE MTR OUT ON A+B PORT	£50.06	€ 56.57
FFTCV-02W-K-I-20	CETOP 3 MODULAR FLOW CONTROL VALVE MTR IN ON A+B PORT	£50.06	€ 56.57

## FLOWFIT CETOP 3 NG6 MODULAR COUNTER BALANCE VALVE

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV8**



The Flowfit modular counter balance valve is designed to equalize the pressure in a specific 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

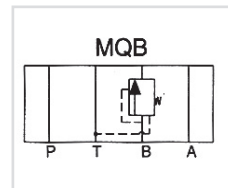
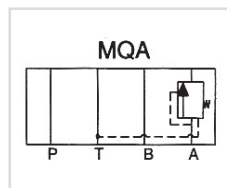
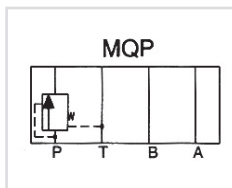
**Nominal Size:** NG6  
**Maximum Flow Rate:** 35 l/min  
**Maximum Pressure:** 250 Bar  
**Seal Material:-** NBR  
**Max Fluid Temperature:** -20° to 70°C  
**Oil Viscosity:** -2.8 to 380 mm2/s  
**Weight:** 1.5kg  
**Manual Adjustment:** Standard on all valves

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFCS-02A-K-1-20	CETOP 3 MODULAR COUNTER BALANCE VALVE 8-70BAR ON A LINE	£42.93	€ 48.52
FFCS-02A-K-2-20	CETOP 3 MODULAR COUNTER BALANCE VALVE 35-140BAR ON A LINE	£42.93	€ 48.52
FFCS-02A-K-3-20	CETOP 3 MODULAR COUNTER BALANCE VALVE 70-250BAR ON A LINE	£91.02	€ 102.86
FFCS-02B-K-1-20	CETOP 3 MODULAR COUNTER BALANCE VALVE 8-70BAR ON B LINE	£42.93	€ 48.52
FFCS-02B-K-2-20	CETOP 3 MODULAR COUNTER BALANCE VALVE 35-140BAR ON B LINE	£91.02	€ 102.86
FFCS-02B-K-3-20	CETOP 3 MODULAR COUNTER BALANCE VALVE 70-250BAR ON B LINE	£91.02	€ 102.86



## FLOWFIT CETOP 3 SEQUENCE VALVES

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV11**

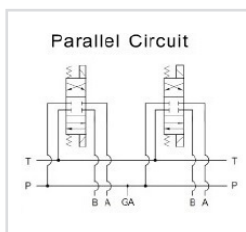


CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
MQP-02-★	CETOP 3 SEQUENCE VALVE ON P PORT	£154.60	€ 174.70
MQA-02-B	CETOP 3 SEQUENCE VALVE ON A PORT	£154.60	€ 174.70
MQB-02-B	CETOP 3 SEQUENCE VALVE ON B PORT	£154.60	€ 174.70

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.

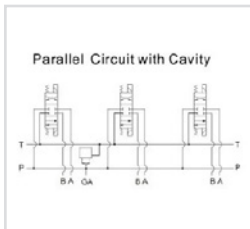
Flowfit manifolds are available from 1 to 10 stations with a 1/4" BSP Gauge port machined as standard on the 2 station and above (not available on the 1 station manifold).

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
MD-03P-1-G	CETOP 3 1 STATION STEEL MANIFOLD NO RV CAVITY	£27.31	€ 30.86
MD-03P-2-G	CETOP 3 2 STATION STEEL MANIFOLD NO RV CAVITY	£50.06	€ 56.57
MD-03P-3-G	CETOP 3 3 STATION STEEL MANIFOLD NO RV CAVITY	£73.58	€ 83.15
MD-03P-4-G	CETOP 3 4 STATION STEEL MANIFOLD NO RV CAVITY	£100.14	€ 113.16
MD-03P-5-G	CETOP 3 5 STATION STEEL MANIFOLD NO RV CAVITY	£127.44	€ 144.01
MD-03P-6-G	CETOP 3 6 STATION STEEL MANIFOLD NO RV CAVITY	£154.76	€ 174.88
MD-03P-7-G	CETOP 3 7 STATION STEEL MANIFOLD NO RV CAVITY	£182.07	€ 205.74
MD-03P-8-G	CETOP 3 8 STATION STEEL MANIFOLD NO RV CAVITY	£209.37	€ 236.59
MD-03P-9-G	CETOP 3 9 STATION STEEL MANIFOLD NO RV CAVITY	£236.67	€ 267.44
MD-03P-10-G	CETOP 3 10 STATION STEEL MANIFOLD NO RV CAVITY	£268.54	€ 303.45

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

# 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	£70.08	€ 79.19
MD-03P-2-G-M26	CETOP 3 2 STATION STEEL MANIFOLD WITH RV CAVITY	£88.38	€ 99.87
MD-03P-3-G-M26	CETOP 3 3 STATION STEEL MANIFOLD WITH RV CAVITY	£119.29	€ 134.80
MD-03P-4-G-M26	CETOP 3 4 STATION STEEL MANIFOLD WITH RV CAVITY	£150.92	€ 170.54
MD-03P-5-G-M26	CETOP 3 5 STATION STEEL MANIFOLD WITH RV CAVITY	£185.70	€ 209.84
MD-03P-6-G-M26	CETOP 3 6 STATION STEEL MANIFOLD WITH RV CAVITY	£214.06	€ 241.89
MD-03P-7-G-M26	CETOP 3 7 STATION STEEL MANIFOLD WITH RV CAVITY	£250.10	€ 282.61
MD-03P-8-G-M26	CETOP 3 8 STATION STEEL MANIFOLD WITH RV CAVITY	£288.21	€ 325.68
MD-03P-9-G-M26	CETOP 3 9 STATION STEEL MANIFOLD WITH RV CAVITY	£317.31	€ 358.56
MD-03P-10-G-M26	CETOP 3 10 STATION STEEL MANIFOLD WITH RV CAVITY	£352.97	€ 398.85
VC0800/300	CETOP 3 RELIEF CARTRIDGE ONLY	£25.45	€ 28.76

## NOTE

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

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## 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	£20.48	€ 23.14
D-03-SP-S-8G	CETOP 3 SUBPLATE SIDE ENTRY 1/2" BSPP PORTED	£22.50	€ 25.43
D-03-SP-S-12G	CETOP 3 SUBPLATE SIDE ENTRY 3/4" BSPP PORTED	£35.05	€ 39.61

## FLOWFIT CETOP 3 NG6 STEEL SUBPLATE WITH BASE PORTS

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV16**

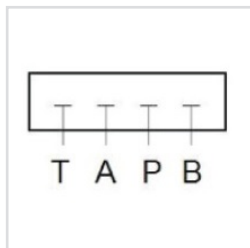


The Flowfit CETOP 3 subplate is machined from steel and is available with 3/8"BSP, 1/2"BSP or 3/4"BSP base ports.

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
D-03-SP-B-6G	CETOP 3 SUBPLATE BASE ENTRY 3/8" BSPP PORTED	£20.48	€ 23.14
D-03-SP-B-8G	CETOP 3 SUBPLATE BASE ENTRY 1/2" BSPP PORTED	£22.50	€ 25.43
D-03-SP-B-12G	CETOP 3 SUBPLATE BASE ENTRY 3/4" BSPP PORTED	£35.05	€ 39.61
DSGM-02-032-B25-BSPP	CETOP 3 3/8" P+T BOTTOM, A + B SIDE	£39.38	€ 44.49

## 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	£6.43	€ 7.26

# 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

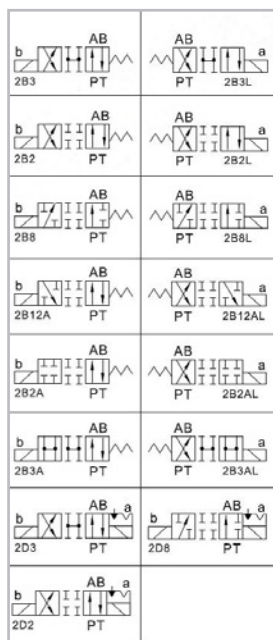
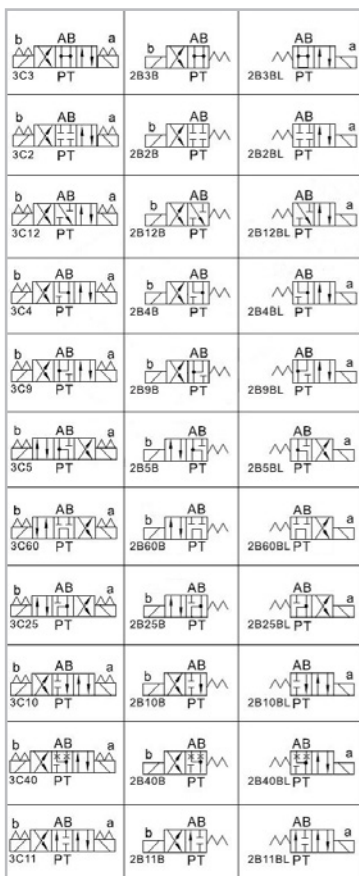
**Voltagess:** 12VDC=D1, 24VDC=D2, 1

110V/AC 50HZ=A1,

220V/AC 50HZ=A2

**Manual Override:** Standard on all valves

**Connector Type:** DIN Plug (with LED)



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## 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	£109.23	€ 123.43
F5-03-3C3-**	Double	3 Position	Spring	£109.23	€ 123.43
F5-03-3C4-**	Double	3 Position	Spring	£109.23	€ 123.43
F5-03-3C5-**	Double	3 Position	Spring	£109.23	€ 123.43
F5-03-3C9-**	Double	3 Position	Spring	£109.23	€ 123.43
F5-03-3C10-**	Double	3 Position	Spring	£109.23	€ 123.43
F5-03-3C11-**	Double	3 Position	Spring	£109.23	€ 123.43
F5-03-3C12-**	Double	3 Position	Spring	£109.23	€ 123.43
F5-03-3C25-**	Double	3 Position	Spring	£109.23	€ 123.43
F5-03-3C40-**	Double	3 Position	Spring	£109.23	€ 123.43
F5-03-3C60-**	Double	3 Position	Spring	£103.05	€ 116.44

**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	£109.23	€ 123.43
F5-03-2B2L-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B2A-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B2AL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B2B-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B2BL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B3-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B3L-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B3A-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B3AL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B3B-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B3BL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B4B-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B4BL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B5B-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B5BL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B8-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B8L-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B9B-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B9BL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B10B-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B10BL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B11B-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B11BL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B12A-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B12AL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B12B-**	Single	2 Position	Spring	£71.31	€ 80.58

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	£71.31	€ 80.58
F5-03-2B25B-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B25BL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B40B-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B40BL-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B60B-**	Single	2 Position	Spring	£71.31	€ 80.58
F5-03-2B60BL-**	Single	2 Position	Spring	£71.31	€ 80.58

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

## NG10 COIL ONLY TO SUIT FLOWFIT CETOP 5 VALVE



PART NO	VOLTAGE	NETT PRICE	
		£ STERLING	€ EUROS
F5-03-COIL-D1	12V DC	£41.35	€ 46.72
F5-03-COIL-D2	24V DV	£41.35	€ 46.72
F5-03-COIL-A1	110V AC	£41.35	€ 46.72
F5-03-COIL-A2	220V AC	£41.35	€ 46.72



## FLOWFIT CETOP 5 HAND OPERATED DIRECTIONAL CONTROL VALVES

MAXIMUM FLOW: 50 l/min  
MAXIMUM PRESSURE: 250 Bar

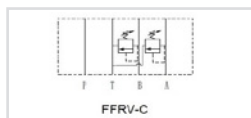
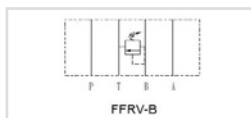
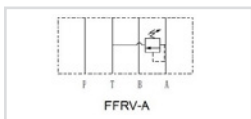
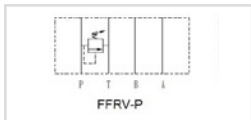
SEE SPOOL CONFIGURATIONS ON PREVIOUS PAGE

www.flowfitonline.com  
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**FCV19**

SUBPLATE	SPRING CENTRED	DETENT	PRICE	
			£ STERLING	€ EUROS
DMG-03-*	W	*****	£187.80	€ 212.22
DMG-03-*	*****	O	£200.82	€ 226.93

# 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

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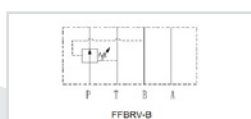
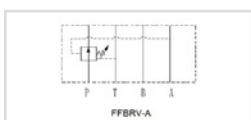
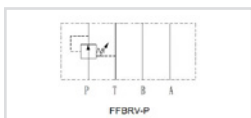
## SPECIFICATION

**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	£70.54	€ 79.71
FFRV-03P-K-2-20	CETOP 5 MODULAR RELIEF VALVE 35-140BAR ON P	£70.54	€ 79.71
FFRV-03P-K-3-20	CETOP 5 MODULAR RELIEF VALVE 70-250BAR ON P	£70.54	€ 79.71
FFRV-03A-K-1-20	CETOP 5 MODULAR RELIEF VALVE 8-70BAR ON A	£70.54	€ 79.71
FFRV-03A-K-2-20	CETOP 5 MODULAR RELIEF VALVE 35-140BAR ON A	£70.54	€ 79.71
FFRV-03A-K-3-20	CETOP 5 MODULAR RELIEF VALVE 70-250BAR ON A	£81.78	€ 92.42
FFRV-03B-K-1-20	CETOP 5 MODULAR RELIEF VALVE 8-70BAR ON B	£70.54	€ 79.71
FFRV-03B-K-2-20	CETOP 5 MODULAR RELIEF VALVE 35-140BAR ON B	£70.54	€ 79.71
FFRV-03B-K-3-20	CETOP 5 MODULAR RELIEF VALVE 70-250BAR ON B	£81.78	€ 92.42
FFRV-03C-K-1-20	CETOP 5 MODULAR RELIEF VALVE 8-70BAR ON A+B	£91.02	€ 102.86
FFRV-03C-K-2-20	CETOP 5 MODULAR RELIEF VALVE 35-140BAR ON A+B	£98.32	€ 111.10
FFRV-03C-K-3-20	CETOP 5 MODULAR RELIEF VALVE 70-250BAR ON A+B	£91.02	€ 102.86

# 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

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## SPECIFICATION

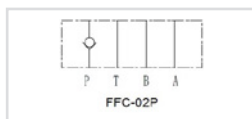
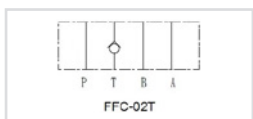
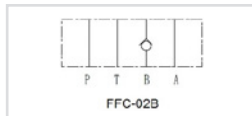
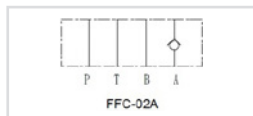
**Nominal Size:** NG10  
**Maximum Flow Rate:** 70 l/min  
**Maximum Pressure:** 250 Bar  
**Seal Material:** NBR  
**Max Fluid Temperature:** -20° to 70°C  
**Oil Viscosity:** -2.8 to 380 mm2/s  
**Weight:** 3.3kg  
**Manual Adjustment:** Standard on all valves

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFBRV-03P-K-1-20	CETOP 5 MODULAR REDUCING VALVE 8-70BAR ON P	£70.54	€ 79.71
FFBRV-03P-K-2-20	CETOP 5 MODULAR REDUCING VALVE 35-140BAR ON P	£70.54	€ 79.71
FFBRV-03P-K-3-20	CETOP 5 MODULAR REDUCING VALVE 70-250BAR ON P	£70.54	€ 79.71
FFBRV-03A-K-1-20	CETOP 5 MODULAR REDUCING VALVE 8-70BAR ON A	£70.54	€ 79.71
FFBRV-03A-K-2-20	CETOP 5 MODULAR REDUCING VALVE 35-140BAR ON A	£70.54	€ 79.71
FFBRV-03A-K-3-20	CETOP 5 MODULAR REDUCING VALVE 70-250BAR ON A	£70.54	€ 79.71
FFBRV-03B-K-1-20	CETOP 5 MODULAR REDUCING VALVE 8-70BAR ON B	£70.54	€ 79.71
FFBRV-03B-K-2-20	CETOP 5 MODULAR REDUCING VALVE 35-140BAR ON B	£70.54	€ 79.71
FFBRV-03B-K-3-20	CETOP 5 MODULAR REDUCING VALVE 70-250BAR ON B	£70.54	€ 79.71



## FLOWFIT CETOP 5 NG10 MODULAR CHECK VALVE

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV22**



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

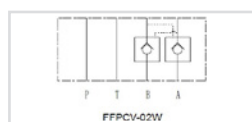
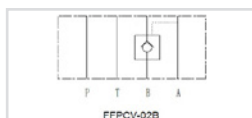
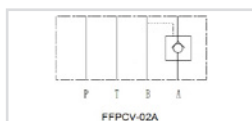
**Nominal Size:** NG10  
**Maximum Flow Rate:** 70 l/min  
**Maximum Pressure:** 250 Bar  
**Seal Material:** NBR  
**Max Fluid Temperature:** -20° to 70°C  
**Oil Viscosity:** -2.8 to 380 mm<sup>2</sup>/s  
**Weight:** 2.5kg

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PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFC-03P-05-20	CETOP 5 MODULAR CHECK VALVE C/P 0.35BAR ON P	£63.71	€ 72.00
FFC-03P-50-20	CETOP 5 MODULAR CHECK VALVE C/P 3.5BAR ON P	£63.71	€ 72.00
FFC-03A-05-20	CETOP 5 MODULAR CHECK VALVE C/P 0.35BAR ON A	£63.71	€ 72.00
FFC-03A-50-20	CETOP 5 MODULAR CHECK VALVE C/P 3.5BAR ON A	£63.71	€ 72.00
FFC-03B-05-20	CETOP 5 MODULAR CHECK VALVE C/P 0.35BAR ON B	£63.71	€ 72.00
FFC-03B-50-20	CETOP 5 MODULAR CHECK VALVE C/P 3.5BAR ON B	£63.71	€ 72.00
FFC-03T-05-20	CETOP 5 MODULAR CHECK VALVE C/P 0.35BAR ON T	£63.71	€ 72.00
FFC-03T-50-20	CETOP 5 MODULAR CHECK VALVE C/P 3.5BAR ON T	£63.71	€ 72.00

## FLOWFIT CETOP 5 NG10 MODULAR PILOT OPERATED CHECK VALVE

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV23**



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 mm<sup>2</sup>/s  
**Weight:** 2.6kg

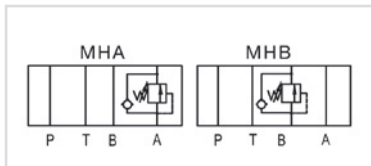
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PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPCV-03A-05-20	CETOP 5 MODULAR P/O CHECK VALVE C/P 0.35BAR ON A	£98.32	€ 111.10
FFPCV-03A-50-20	CETOP 5 MODULAR P/O CHECK VALVE C/P 3.5BAR ON A	£98.32	€ 111.10
FFPCV-03B-05-20	CETOP 5 MODULAR P/O CHECK VALVE C/P 0.35BAR ON B	£98.32	€ 111.10
FFPCV-03B-50-20	CETOP 5 MODULAR P/O CHECK VALVE C/P 3.5BAR ON B	£98.32	€ 111.10
FFPCV-03W-05-20	CETOP 5 MODULAR P/O CHECK VALVE C/P 0.35BAR ON A & B	£121.08	€ 136.82
FFPCV-03W-50-20	CETOP 5 MODULAR P/O CHECK VALVE C/P 3.5BAR ON A & B	£121.08	€ 136.82



## FLOWFIT CETOP 5 COUNTER BALANCE VALVE

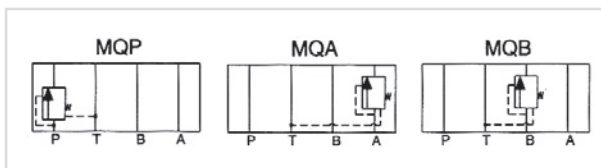
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV24**



CODE	NETT. PRICE	
	£ STERLING	€ EUROS
MHA-03-★	£166.92	€ 188.62
MHB-03-★	£166.92	€ 188.62
Pressure Ranges B = 8 - 70 Bar, H = 20 - 250 Bar		
Max. Flow 03 = 80 l/m • ★ = Pressure Range		

## FLOWFIT CETOP 5 SEQUENCE VALVES

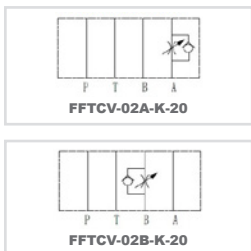
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV25**



CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
MQP-03-★	CETOP 5 SEQUENCE VALVE ON P PORT	£219.10	€ 247.59
MQA-03-★	CETOP 5 SEQUENCE VALVE ON A PORT	£219.10	€ 247.59
MQB-03-★	CETOP 5 SEQUENCE VALVE ON B PORT	£219.10	€ 247.59
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

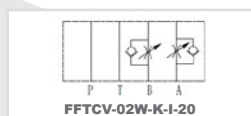
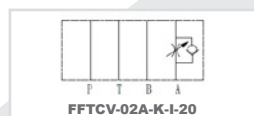
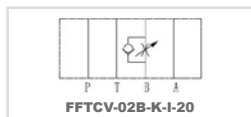
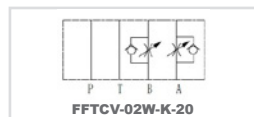
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV26**



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).



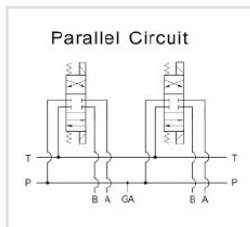
### SPECIFICATION

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	£70.54	€ 79.71
FFTCV-03A-K-I-20	CETOP 5 MODULAR FLOW CONTROL VALVE MTR IN ON A PORT	£70.54	€ 79.71
FFTCV-03B-K-20	CETOP 5 MODULAR FLOW CONTROL VALVE MTR OUT ON B PORT	£70.54	€ 79.71
FFTCV-03B-K-I-20	CETOP 5 MODULAR FLOW CONTROL VALVE MTR IN ON B PORT	£70.54	€ 79.71
FFTCV-03W-K-20	CETOP 5 MODULAR FLOW CONTROL VALVE MTR OUT ON A & B PORT	£75.11	€ 84.87
FFTCV-03W-K-I-20	CETOP 5 MODULAR FLOW CONTROL VALVE MTR IN ON A & B PORT	£75.11	€ 84.87

## FLOWFIT CETOP 5 NG10 STEEL PARALLEL CIRCUIT MANIFOLD

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV27**



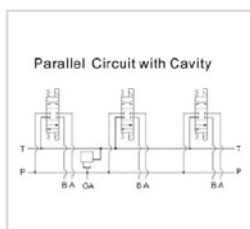
The Flowfit CETOP 5 parallel circuit manifold is precision machined from a mild steel block with sizes of 1/2"BSP for A & B ports and 3/4"BSP for P & T ports.

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	£50.06	€ 56.57
MD-05P-2-G	CETOP 5 2 STATION STEEL MANIFOLD NO RV CAVITY	£100.14	€ 113.16
MD-05P-3-G	CETOP 5 3 STATION STEEL MANIFOLD NO RV CAVITY	£154.76	€ 174.88
MD-05P-4-G	CETOP 5 4 STATION STEEL MANIFOLD NO RV CAVITY	£207.09	€ 234.01
MD-05P-5-G	CETOP 5 5 STATION STEEL MANIFOLD NO RV CAVITY	£259.43	€ 293.16
MD-05P-6-G	CETOP 5 6 STATION STEEL MANIFOLD NO RV CAVITY	£316.32	€ 357.44
MD-05P-7-G	CETOP 5 7 STATION STEEL MANIFOLD NO RV CAVITY	£373.22	€ 421.74
MD-05P-8-G	CETOP 5 8 STATION STEEL MANIFOLD NO RV CAVITY	£432.39	€ 488.60
MD-05P-9-G	CETOP 5 9 STATION STEEL MANIFOLD NO RV CAVITY	£489.28	€ 552.89
MD-05P-10-G	CETOP 5 10 STATION STEEL MANIFOLD NO RV CAVITY	£548.45	€ 619.74

## 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	£92.73	€ 104.78
MD-05P-2-G-M32	CETOP 5 2 STATION STEEL MANIFOLD WITH RV CAVITY	£124.80	€ 141.03
MD-05P-3-G-M32	CETOP 5 3 STATION STEEL MANIFOLD WITH RV CAVITY	£177.20	€ 200.23
MD-05P-4-G-M32	CETOP 5 4 STATION STEEL MANIFOLD WITH RV CAVITY	£230.77	€ 260.77
MD-05P-5-G-M32	CETOP 5 5 STATION STEEL MANIFOLD WITH RV CAVITY	£285.51	€ 322.62
MD-05P-6-G-M32	CETOP 5 6 STATION STEEL MANIFOLD WITH RV CAVITY	£341.41	€ 385.79
MD-05P-7-G-M32	CETOP 5 7 STATION STEEL MANIFOLD WITH RV CAVITY	£398.53	€ 450.34
MD-05P-8-G-M32	CETOP 5 8 STATION STEEL MANIFOLD WITH RV CAVITY	£456.79	€ 516.17
MD-05P-9-G-M32	CETOP 5 9 STATION STEEL MANIFOLD WITH RV CAVITY	£516.25	€ 583.37
MD-05P-10-G-M32	CETOP 5 10 STATION STEEL MANIFOLD WITH RV CAVITY	£576.89	€ 651.89
VC1200/400	CETOP 5 RELIEF VALVE CARTRIDGE ONLY	£47.17	€ 53.30

### 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



The Flowfit CETOP 5 subplate is machined from steel and comes with 1/2" BSP side ports.

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TECH. DATA SHEET  
**FCV32**



PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
D-05-SP-S-8G	CETOP 5 SUBPLATE SIDE ENTRY 1/2" BSPP PORTED	£30.36	€ 34.30

## FLOWFIT CETOP 5 NG10 STEEL SUBPLATE WITH BASE PORTS

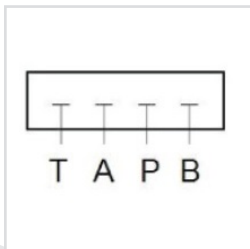


The Flowfit CETOP 5 subplate is machined from steel and comes with 1/2" BSP base ports.

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV33**

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
D-05-SP-B-8G	CETOP 5 SUBPLATE BASE ENTRY 1/2" BSPP PORTED	£30.36	€ 34.30
DSGM-03-04-2B25-BSPP	CETOP 5 SUBPLATE BASE ENTRY 1/2" BSP P+T, A + B SIDE	£64.41	€ 72.78

## FLOWFIT CETOP 5 NG10 STEEL COVER PLATE



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.

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV34**

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
D-05-CP-G	CETOP 5 COVER PLATE	£11.15	€ 12.60

# 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:** NG16

**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		PART NUMBER	NETT. PRICE	
	£ STERLING	€ EUROS		£ STERLING	€ EUROS
F5-16-C-6X-ET	£155.45	€ 175.66	F5-16-H-6X-ET	£155.45	€ 175.66
F5-16-E-6X-ET	£155.45	€ 175.66	F5-16-J-6X-ET	£155.45	€ 175.66
F5-16-F-6X-ET	£155.45	€ 175.66	F5-16-L-6X-ET	£155.45	€ 175.66
F5-16-G-6X-ET	£155.45	€ 175.66	F5-16-R-6X-ET	£155.45	€ 175.66

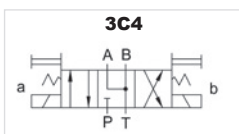
## STANDARD SPOOL TYPES



FOR ALL OTHER SPOOL TYPES PLEASE CONTACT THE FLOWFIT SALES TEAM.

## NG16 PRE LOADING VALVE FOR CETOP 7 SOLENOID VALVES

PART NUMBER	NETT. PRICE	
	£ STERLING	€ EUROS
NG16CETOP7PRELOADINGVALVE	£17.58	€ 20.22



Flowfit Cetop 3/NG6 series hydraulic operated directional valve used to change direction of hydraulic oil by moving in main spool 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	£59.17	€ 66.86
F5-02-3C4-D2	24 VDC	£59.17	€ 66.86
F5-02-3C4-A1	110 VAC	£59.17	€ 66.86
F5-02-3C4-A2	240 VAC	£59.17	€ 66.86

## FLOWFIT CETOP 7 SUBPLATE



Bottom ported or side ported 3/4" BSP Ports

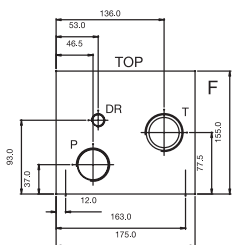
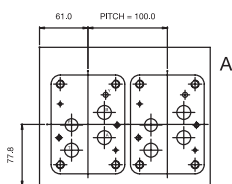
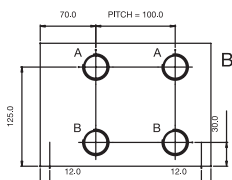
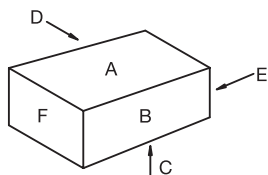
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV36**

CODE	DESCRIPTION	PRICE	
		£ STERLING	€ EUROS
DSGM-04-06-B4-BSP	CETOP 7, 3/4" BSP PORTS IN BOTTOM	£110.86	€ 125.27
DSGM-04-06-S4-BSP	CETOP 7, 3/4" BSP SIDE PORTS	£110.86	€ 125.27

## FLOWFIT SIDE ENTRY CETOP 7



www.flowfitonline.com  
TECH. DATA SHEET  
**FCV37**



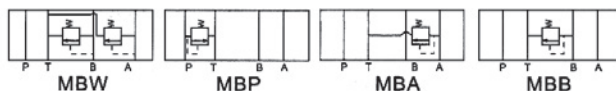
### ORDERING CODE INFORMATION

<b>Steel</b>	Code No. 705161/★ Available on request ★ = Number of stations
<b>Material</b>	Steel Alum. Alloy
<b>Working Pressure</b>	Steel 315 Bar
<b>'A' and 'B' Ports</b>	1" BSP
<b>'P' and 'T' Ports</b>	1" BSP
<b>'DR' Port</b>	3/8" BSP Through
<b>Valve Fixings</b>	M10 x 16 Full Thread M6 x 12 Full Thread
<b>Manifold Fixings</b>	M12 x 20 Deep
<b>Pitch</b>	100.0mm

SIDE ENTRY • CETOP 7						
ORDER CODE	NUMBER OF STATIONS	OVERALL LENGTH	OVERALL WEIGHT		£ STERLING	€ EUROS
705161/1	ONE	115.0	21.0 Kgs		£763.49	€ 862.74
705161/2	TWO	215.0	38.0 Kgs		£1,259.81	€ 1,423.59
705161/3	THREE	315.0	47.0 Kgs		£1,868.53	€ 2,111.44

## FLOWFIT CETOP 7 RELIEF VALVES

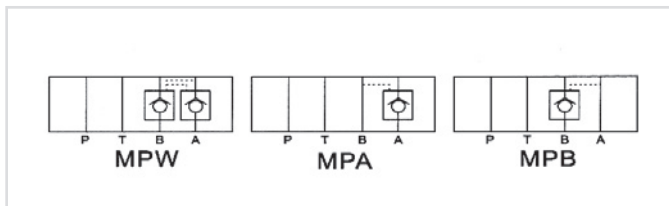
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV38**



CODE	NETT. PRICE		
	£ STERLING	€ EUROS	
MBW-04-★	£362.52	€ 409.65	
MBP-04-H	£362.52	€ 409.65	
MBA-04-★	£362.52	€ 409.65	
MBB-04-★	£362.52	€ 409.65	
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**

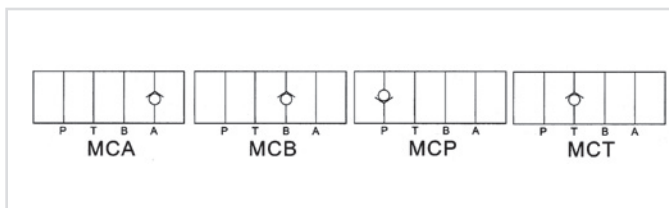
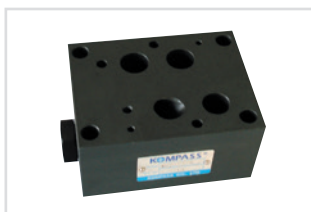
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV39**



CODE	NETT. PRICE	
	£ STERLING	€ EUROS
MRP-04-★	£725.07	€ 819.33
MRA-04-★	£725.07	€ 819.33
MRB-04-★	£725.07	€ 819.33
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**

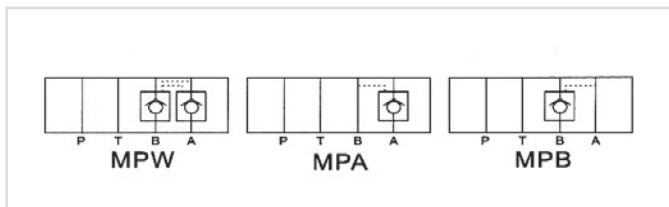
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV40**



CODE	MAX OPERATING PRESSURE	NETT. PRICE	
		£ STERLING	€ EUROS
MCP-04-★	250 BAR	£272.55	€ 307.98
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	£326.01	€ 368.40
MPB-04-★	250 BAR	£326.01	€ 368.40
MPW-04-★	250 BAR	£388.61	€ 439.12
Cracking Pressure A = 0.5 Bar, B = 3.5 Bar			
Max. Flow 04 = 200 l/m • ★ = Cracking Pressure			

## FLOWFIT CETOP 7 COUNTER BALANCE VALVE

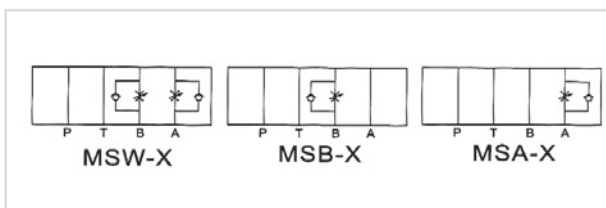
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV42**



CODE	MAX OPERATING PRESSURE	NETT. PRICE	
		£ STERLING	€ EUROS
MHA-04-★	250 BAR	£399.83	€ 451.81
MHB-04-★	250 BAR	£399.83	€ 451.81
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	£358.61	€ 405.23
MSB-04-★	250 BAR	£358.61	€ 405.23
MSW-04-H	250 BAR	£388.61	€ 439.12
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		PART NUMBER	NETT. PRICE	
	£ STERLING	€ EUROS		£ STERLING	€ EUROS
F5-25-C-6X-ET	£231.53	€ 261.62	F5-25-J-6X-ET	£231.53	€ 261.62
F5-25-D-6X-ET	£231.53	€ 261.62	F5-25-L-6X-ET	£231.53	€ 261.62
F5-25-E-6X-ET	£231.53	€ 261.62	F5-25-M-6X-ET	£231.53	€ 261.62
F5-25-F-6X-ET	£231.53	€ 261.62	F5-25-P-6X-ET	£231.53	€ 261.62
F5-25-G-6X-ET	£231.53	€ 261.62	F5-25-R-6X-ET	£231.53	€ 261.62
F5-25-H-6X-ET	£231.53	€ 261.62			

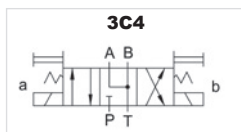
## STANDARD SPOOL TYPES

	= C		= G		= M
	= D		= H		= P
	= E		= J		= R
	= F		= L		

FOR ALL OTHER SPOOL TYPES PLEASE CONTACT THE FLOWFIT SALES TEAM.

## NG25 PRE LOADING VALVE FOR CETOP 7 SOLENOID VALVES

PART NUMBER	NETT. PRICE	
	£ STERLING	€ EUROS
NG25CETOP8PRELOADINGVALVE	£17.58	€ 20.22



Flowfit Cetop 3/NG6 series hydraulic operated directional valve used to change direction of hydraulic oil by moving in main spool 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	£59.17	€ 66.86
F5-02-3C4-D2	24 VDC	£59.17	€ 66.86
F5-02-3C4-A1	110 VAC	£59.17	€ 66.86
F5-02-3C4-A2	240 VAC	£59.17	€ 66.86

## FLOWFIT CETOP 8 SUBPLATE



Bottom ported or side ported 3/4" BSPP Ports

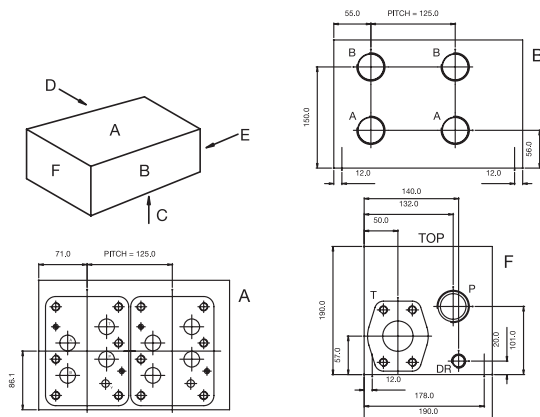
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV45**

CODE	DESCRIPTION	PRICE	
		£ STERLING	€ EUROS
DSGM-06-06-B4-BSPP	CETOP 8, 3/4" BSP PORTS IN BOTTOM	£164.33	€ 185.69
DSGM-06-06-S4-BSPP	CETOP 8, 3/4" BSP SIDE PORTS	£164.33	€ 185.69

## FLOWFIT SIDE ENTRY CETOP 8



www.flowfitonline.com  
TECH. DATA SHEET  
FCV46



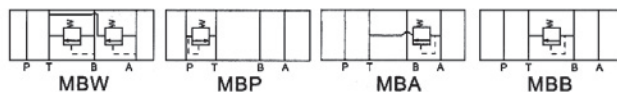
### ORDERING CODE INFORMATION

<b>Steel</b>	Code No. 805161/★ Available on request ★= Number of stations
<b>Material</b>	Steel
<b>Working Pressure</b>	Steel 315 Bar
<b>'A' and 'B' Ports</b>	1 1/4" BSP
<b>'P' Port</b>	1 1/2" BSP Through
<b>T' Port</b>	2" SAE 3000 Flange Through
<b>DR' Port</b>	1/2" BSP Through
<b>Valve Fixings</b>	M12 x 20 Full Thread
<b>Manifold Fixings</b>	M12 x 20 Deep Full Thread
<b>Pitch</b>	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	£1,072.80	€ 1,212.26
805161/2	TWO	280.0	38.0 Kgs	£1,813.63	€ 2,049.41

## FLOWFIT CETOP 8 RELIEF VALVES

www.flowfitonline.com  
TECH. DATA SHEET  
FCV47



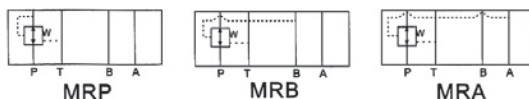
CODE	NETT. PRICE	
	£ STERLING	€ EUROS
MBP-06-★	£509.28	€ 575.49
MBA-06-★	£509.28	€ 575.49
MBB-06-★	£509.28	€ 575.49
MBW-06-★	£509.28	€ 575.49

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



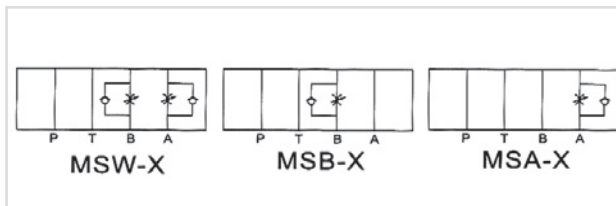
CODE	NETT. PRICE	
	£ STERLING	€ EUROS
MRP-06-H	£453.81	€ 512.81
MRA-06-★	£453.81	€ 512.81
MRB-06-★	£453.81	€ 512.81

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**

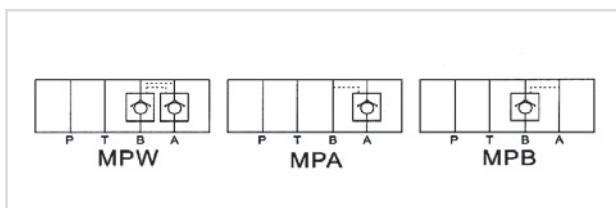
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV49**



CODE	NETT. PRICE	
	£ STERLING	€ EUROS
MSA-06-★	£363.78	€ 411.07
MSB-06-★	£363.78	€ 411.07
MSW-06-Y	£436.54	€ 493.29
Metering X = Meter Out, Y = Meter In		
Max. Flow 06 = 200 l/m • ★ = Metering In or Out		

# **FLOWFIT CETOP 8 PILOT OPERATED CHECK VALVES**

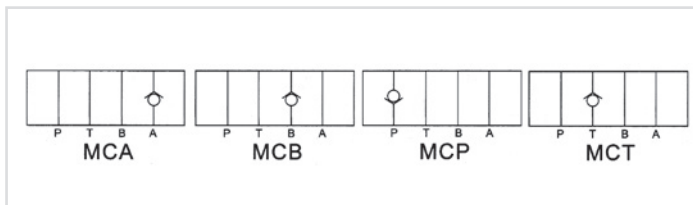
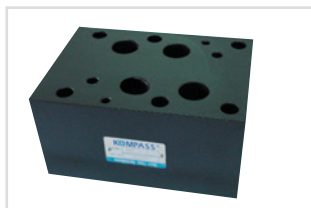
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV50**



CODE	NETT. PRICE	
	£ STERLING	€ EUROS
MPA-06-★	£509.28	€ 575.49
MPB-06-★	£509.28	€ 575.49
MPW-06-A	£436.54	€ 493.29
A = 0.5 Bar, B = 3.5 Bar, C = 4.6 Bar		
06 = 200 l/m • ★ = Cracking Pressure		

# **FLOWFIT CETOP 8 CHECK VALVES**

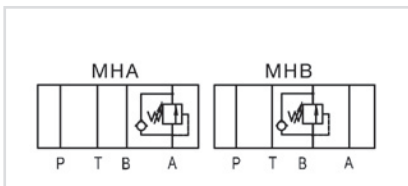
www.flowfitonline.com  
TECH. DATA SHEET  
**FCV51**



CODE	NETT. PRICE	
	£ STERLING	€ EUROS
MCP-06-★	£281.09	€ 317.63
MCA-06-★	£281.07	€ 317.61
MCB-06-★	£281.13	€ 317.67
MCT-06-★	£281.07	€ 317.61
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	£547.71	€ 618.91
MHB-06-★	250 BAR	£547.71	€ 618.91
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.

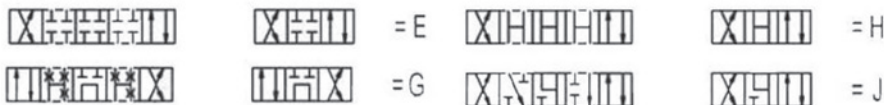
### SPECIFICATION

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

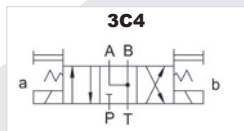
THESE VALVES ARE THE BOTTOM DECK ONLY

PART NUMBER	NETT. PRICE	
	£ STERLING	€ EUROS
F5-32-E-6X-ET	£726.55	€ 821.00
F5-32-G-6X-ET	£726.55	€ 821.00
F5-32-H-6X-ET	£726.55	€ 821.00
F5-32-J-6X-ET	£726.55	€ 821.00

### STANDARD SPOOL TYPES



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 main spool 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	£59.17	€ 66.86
F5-02-3C4-D2	24 VDC	£59.17	€ 66.86
F5-02-3C4-A1	110 VAC	£59.17	€ 66.86
F5-02-3C4-A2	240 VAC	£59.17	€ 66.86

## FLOWFIT CETOP 10 SUBPLATE



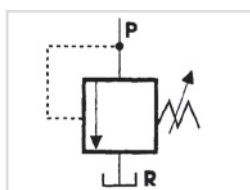
Bottom ported  
1 1/4" NPT Ports

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV54**

CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
DSGM-10-10-B4-NPT	CETOP 10, 1 1/4" NPT PORTS IN BOTTOM	£295.26	€ 333.64

## KOMPASS RELIEF VALVES

### KOMPASS DIRECT OPERATED RELIEF VALVE



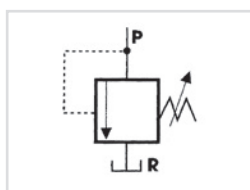
DG-02 & DT-02 are direct operating relief valves.  
DG-01 & DT-01 are remote control type.

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV55**

SUBPLATE MOUNTED	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
			£ STERLING	€ EUROS
DG-01-★	2	250	£45.63	€ 51.57
DG-02-★	16	250	£75.63	€ 85.46
THREADED PORTS IN LINE	MAX FLOW L/MIN	MAX PRESSURE BAR	PRICE	
			£ STERLING	€ EUROS
DT-01-H	2	250	£41.01	€ 46.34
DT-02-★	16	250	£67.96	€ 76.79

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



This valve is able to pre-select max pressure of pump & control valves to prevent damage or overload.

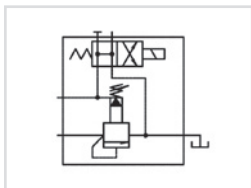
BG/BT Pilot Operated Relief Valve  
BHG/BHT Pilot Operated Relief Valve – Reinforced type  
SBG Pilot Operated Relief Valve – Low noise, smooth, stable operation

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV56**

SUBPLATE MOUNTED	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE		
			£ STERLING	€ EUROS	
BG-03-★	100	250	£122.59	€ 138.52	
BG-06-★	200	250	£135.63	€ 153.26	
BG-10-★	400	250	£258.21	€ 291.77	
BHG-06-★	200	250	£135.63	€ 153.26	
BHG-10-★	400	250	£310.37	€ 350.72	
SBG-03-★	100	250	£153.88	€ 173.88	
SBG-06-★	200	250	£172.13	€ 194.50	
SBG-10-★	400	250	£466.84	€ 527.53	
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	£91.30	€ 103.17
BT-06-H	3/4"	200	250	£117.37	€ 132.63
BT-10-H	1 1/4"	400	250	£245.16	€ 277.04
BHT-03-H	3/8"	100	250	£91.31	€ 103.18
BHT-06-H	3/4"	200	250	£127.80	€ 144.41
BHT-10-H	1 1/4"	400	250	£245.16	€ 277.04
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 CONTROLLED 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	£245.18	€ 277.05
BSG-06-★	200	£258.13	€ 291.69
BSG-10-★	400	£414.69	€ 468.60
SBSG-03-H	100	£369.05	€ 417.03
SBSG-10-H	400	£415.07	€ 469.02
SBSG-06-H	200	£382.11	€ 431.78

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	£200.82	€ 226.93
BST-06-★	3/4"	200	£213.87	€ 241.68
BST-10-★	1 1/4"	400	£331.22	€ 374.28

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
BUG-06-★	125	250	£491.20	€ 555.06

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**



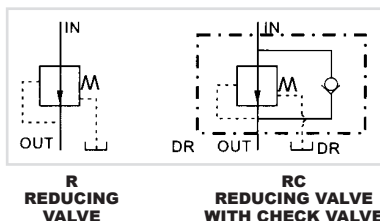
Use for accumulator or hi-lo pressure pump systems.

SUBPLATE MOUNTED	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
			£ STERLING	€ EUROS
BUG-06-H	125	250	£469.46	€ 530.48

Pressure Ranges H = 70 - 250 Bar Max. Flow 125 l/m • ★ = Pressure Range

## KOMPASS PRESSURE REDUCING VALVE

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV60**



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	£156.49	€ 176.84
RCG-03-H	50	250	£195.60	€ 221.03
RG-06-H	125	250	£195.60	€ 221.03
RCG-06-H	125	250	£284.30	€ 321.26
RG-10-★	250	250	£401.66	€ 453.87
RCG-10-H	250	250	£519.03	€ 586.50

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	£156.49	€ 176.84
RCT-03-H	3/8"	50	250	£195.62	€ 221.04
RT-06-H	3/4"	125	250	£195.62	€ 221.04
RCT-06-H	3/4"	125	250	£284.29	€ 321.24
RT-10-★	1 1/4"	250	250	£425.76	€ 481.11
RCT-10-★	1 1/4"	250	250	£550.17	€ 621.69

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 Unloading Valve all in one. Ask for details.

SUBPLATE MOUNTED	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
			£ STERLING	€ EUROS
HG-03-★	50	250	£153.88	€ 173.88
HG-06-★	125	250	£174.75	€ 197.47
HG-10-★	250	250	£234.32	€ 264.78
HCG-03-★	50	250	£153.88	€ 173.88
HCG-06-★	125	250	£226.91	€ 256.40
HCG-10-★	250	250	£349.48	€ 394.91

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	£143.46	€ 162.11
HT-06-★	125	250	£148.66	€ 167.98
HT-10-★	250	250	£253.00	€ 285.89
HCT-03-★	50	250	£153.88	€ 173.88
HCT-06-★	125	250	£195.60	€ 221.03
HCT-10-★	250	250	£310.37	€ 350.72

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

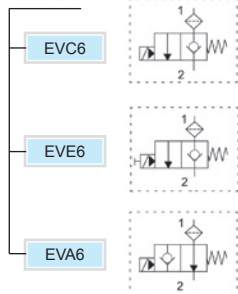


## 2 WAY CARTRIDGE ELECTRIC VALVES

### 2 WAY, 2 POSITION PILOT OPERATED SOLENOID VALVES POPPET TYPE

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV62**

EV★★



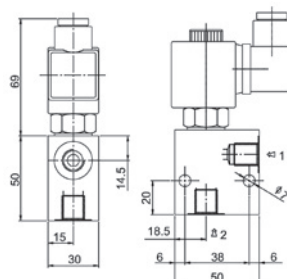
★★★

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



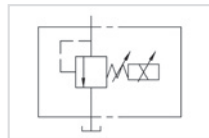
- Max Pressure 210 Bar
- Max Flow 22 L/min
- Protection IP65
- Feeding Tolerance +/-10%

- 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-★★-★★★★★	£54.10	€ 61.13
EVE6-★★-★★★★★	£59.50	€ 67.24
EVA6-★★-★★★★★	£62.51	€ 70.63

## ELECTRO-HYDRAULIC PROPORTIONAL VALVES



### ELECTRO-HYDRAULIC PROPORTIONAL PILOT RELIEF VALVE

KOMPASS®

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-*	£339.06	€ 383.13

## MANIFOLD FOR POPPET VALVES, 3/4"-16UNF

PART NO	PORTS	NETT PRICE	
		£ STERLING	€ EUROS
HS-S-06-14-10	1/4" BSP Ports	£19.66	€ 22.21
HS-S-06-38-10	3/8" BSP Ports	£19.02	€ 21.49



NEW PRODUCT

## COIL TO SUIT NORMALLY CLOSED AND NORMALLY OPEN VALVES

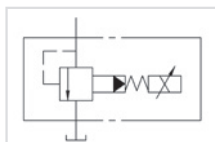
PART NO	VOLTAGE	NETT PRICE	
		£ STERLING	€ EUROS
H504SF19133930R11DO	110V AC	£14.73	€ 16.65
H504SH20133936D-12V	12V DC	£14.28	€ 16.14
H504SH20133936D	24V DC	£14.28	€ 16.14



NEW PRODUCT

## BLACK CONNECTOR PLUG

PART NO	VOLTAGE	NETT PRICE	
		£ STERLING	€ EUROS
E1CNDIR	Black Connector Plug	£4.79	€ 5.51



## 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	10	2%	1%
EBG-06	3 - 200		C:750/H:800			
EBG-10	3 - 400	H = 10 - 250	C:730/H:780			

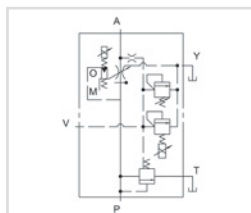
SERIES NBR	VALVE SIZE	PRESSURE ADJ. RANGE	SAFETY VALVE
EBG	O3	C = 5 - 160	* = With
	O6		T = Without
	10	H = 10 - 250	

CODE	NETT. PRICE	
	£ STERLING	€ EUROS
EBG-03	£519.03	€ 586.50
EBG-06	£478.41	€ 540.60
EBG-10	£739.41	€ 835.53



## ELECTRO-HYDRAULIC PROPORTIONAL RELIEF & FLOW CONTROL VALVE

www.flowfitonline.com  
TECH. DATA SHEET  
**FCV65**



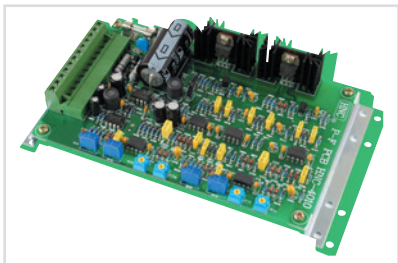
MODEL	DESCRIPTION	EFBG-03-125	EFBG-06-250	EFBG-10-500
Flow Control	Metered Flow Adj. Range	1 - 125	2.5 - 250	5 - 500
	Rated Current (mA)	680	580	700
	Coil Resistance (Ohms)	43.5	43.5	43.5
	Differential Pressure	6	7	9
	Hysteresis	<7%	<7%	<7%
	Repeatability	1%	1%	1%
Pressure Control	Pressure Adj. Range	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	£1,117.78	€ 1,263.09
EFBG-06	£1,557.08	€ 1,759.50
EFBG-10	£3,746.60	€ 4,233.66

## 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
				EBG-03
				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	PCT2-0mA
					FCT2-750mA	PCT1 - 850mA

CODE	NETT. PRICE
	£ STERLING € EUROS
HNC-1085	£216.46 € 244.60

## ELECTRICAL CONNECTORS, PG11

PART NO	DESCRIPTION	VOLTAGE	NETT PRICE	
			£ STERLING	€ EUROS
GDML2011LED-120B	LED, No Protection	120V AC/DC	£12.97	€ 14.65
GDML2011LED-230B	LED, No Protection	230V AC/DC	£12.97	€ 14.65
GDM2011-G	No LED, Grey	250V AC/DC	£13.08	€ 14.78
GDM2011-GB1-B	Bridge-Type Rectifier, No LED	250V AC/DC	£13.08	€ 14.78
GDML2011LED-24-B	LED, No Protection	24V AC/DC	£12.97	€ 14.65
GDML2011LED-24HH	LED with Diode Protection	24V AC/DC	£12.60	€ 14.24
GDML2011LED-48HH	LED with Diode Protection	48V AC/DC	£13.42	€ 15.16



## SWITCH CONTROL BOX ONLY FOR ELECTROHYDRAULIC MANIFOLDS, WIRING INCLUDED

Control Box for Electrohydraulic Manifolds, 4 metre hirschman wiring loom and 2 metre power lead included. High quality 2 position spring return toggle switches in a heavy-duty case complete with adjustable foot mount. From 2 to a maximum of 10 double solenoid functions, the circuit is designed to not only control each double solenoid but also the unloader valve on a cetop manifold assembly. The switch box is protected via a removable fuse and there is an optional 1 and 3 meter Extension Cable, buzzer and socket assembly available.

PART NO	NUMBER OF SWITCHES	NETT PRICE	
		£ STERLING	€ EUROS
911206	2 X Toggle Switch for D/Sol, 1 X Unloader	£137.71	€ 155.61
911306	3 X Toggle Switch for D/Sol, 1 X Unloader	£164.00	€ 185.32
911408	4 X Toggle Switch for D/Sol, 1 X Unloader	£182.71	€ 206.46
911507	5 X Toggle Switch for D/Sol, 1 X Unloader	£211.46	€ 238.95
911617	6 X Toggle Switch for D/Sol, 1 X Unloader	£419.14	€ 473.63
911725	7 X Toggle Switch for D/Sol, 1 X Unloader	£429.37	€ 485.18
911813	8 X Toggle Switch for D/Sol, 1 X Unloader	£444.70	€ 502.51
911917	9 X Toggle Switch for D/Sol, 1 X Unloader	£460.13	€ 519.95
9111002	10 X Toggle Switch for D/Sol, 1 X Unloader	£479.14	€ 541.42



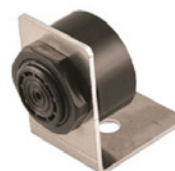
## PANEL MOUNT SOCKET TO SUIT 2-5 SWITCH CONTROL BOX FOR ELECTROHYDRAULIC MANIFOLDS

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
400504	Panel Mount Socket To Suit 2-5 Switch Control Box For Electrohydraulic Manifolds	£5.73	€ 6.48



## BUZZER TO SUIT 2-5 SWITCH CONTROL BOX FOR ELECTROHYDRAULIC MANIFOLDS

PART NO	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
405516	Buzzer To Suit 2-5 Switch Control Box For Electrohydraulic Manifolds	£12.90	€ 14.58



## EXTENSION CABLE FOR 2-5 SWITCH CONTROL BOX FOR ELECTROHYDRAULIC MANIFOLDS

PART NO	CABLE LENGTH	NETT PRICE	
		£ STERLING	€ EUROS
919049-1,0	1 Metre	£25.49	€ 28.81
919049-3,0	3 Metre	£30.57	€ 34.54



## EXTENSION CABLE TO SUIT 6-10 SWITCH CONTROL BOX FOR ELECTROHYDRAULIC MANIFOLDS

PART NO	CABLE LENGTH	NETT PRICE	
		£ STERLING	€ EUROS
919077-1,0	1 Metre	£74.28	€ 83.93
919077-3,0	3 Metre	£98.31	€ 111.09





## HYDRAULIC CYLINDERS

**THE HYDRAULIC CYLINDER RANGE IS AVAILABLE IN SINGLE DISPLACEMENT, DOUBLE ACTING WITH VARIOUS ROD, BORE AND STROKE SIZES. FROM STANDARD PIN HOLES THROUGH TO TURN OVER PLOUGH CYLINDERS. WE HAVE A WIDE RANGE TO SUIT ALL APPLICATIONS.**

**AFTER SOMETHING MORE BESPOKE?**

**FLOWFIT ARE ABLE TO PROVIDE YOU WITH A CYLINDER THAT IS THE RIGHT SIZE AND PERFECT FOR THE APPLICATION THAT YOU REQUIRE!**



**DOUBLE ACTING  
FIXED PIN HOLES**



**DOUBLE ACTING  
SPHERICAL ENDS**



**TOP LINK  
FIXED MOUNT**



**TOP LINK  
AUTOMATIC HITCH**



**DOUBLE ACTING  
TURN OVER PLOUGH**



**SINGLE ACTING**

### **OTHER CYLINDER RANGES INCLUDE:**

- **DOUBLE ACTING NO ENDS**
- **SINGLE ACTING BRAKE**
- **DOUBLE ACTING MICRO**
- **TOP LINK WELDED ENDS**
- **PNEUMATIC**



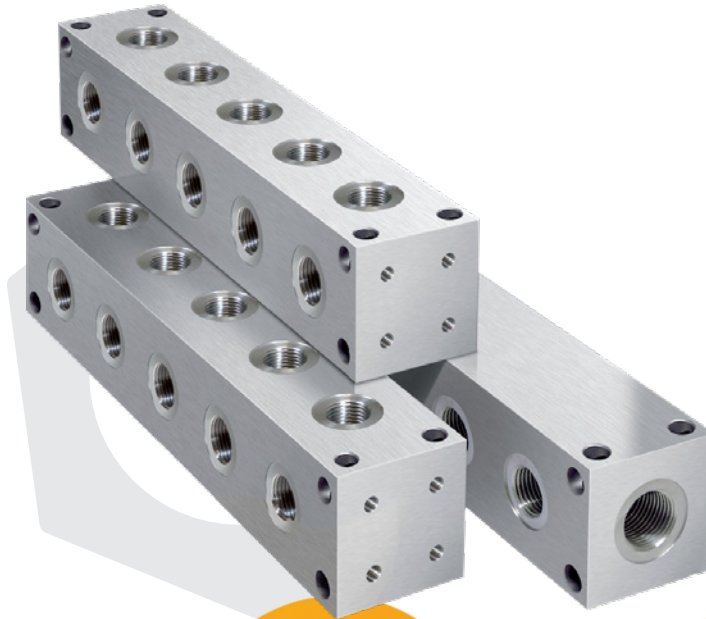
**FOLDING HYDRAULIC  
CLUTCH**

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**[www.flowfitonline.com](http://www.flowfitonline.com)**

# OLEORAMA HYDRAULIC MANIFOLDS

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OLEORAMA HYDRAULIC T TYPE MANIFOLDS	228



ALUMINIUM  
FROM  
**£19.30**  
+VAT

GALVANISED  
STEEL  
FROM  
**£41.35**  
+VAT

STAINLESS  
STEEL  
FROM  
**£POA**  
+VAT



**QUALITY PRODUCTS**



**FREE ADVICE**



The standard manifolds listed are made from Aluminium but are available in Steel and Stainless Steel. Manifolds to suit your requirements can also be requested. Please speak with a member of our Technical team for more information.

During the design and subsequent construction of hydraulic systems, design engineers and installers increasingly feel the need to use components enabling the paths of the pressure and return lines to be rationalized. To meet this need OLEO-RAMA has developed and produces a range of standard manifolds in different types of configurations and sizes.

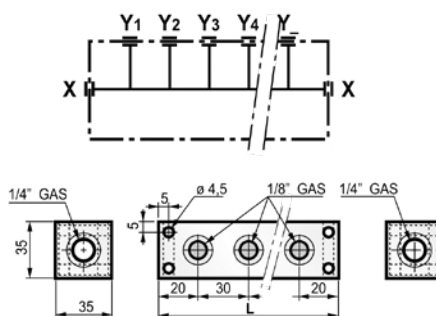
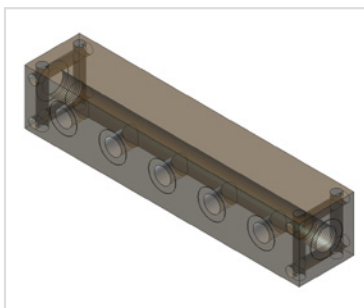
In particular:

- Three types of configuration: parallel - code CMA01 / with independent "Ls" - code CMA02 / with independent "Ts" - code CMA03
- Six connector sizes: from 1/8" a 1" BSP
- Number of stations: ranging from 2 to a maximum of 9

Using OLEO-RAMA manifolds brings undoubted advantages in terms of system cleanliness, improved circuit efficiency with fewer pressure drops compared to traditional components, and time savings in wiring operations.

## OLEORAMA HYDRAULIC PARALLEL SCHEME MANIFOLDS

www.flowfitonline.com  
TECH. DATA SHEET  
**OM01**



### ALUMINIUM

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMA0135-AZ-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Aluminium	0.20	£19.30	€ 21.81
CMA0135-AZ-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Aluminium	0.29	£28.67	€ 32.39
CMA0135-AZ-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Aluminium	0.38	£38.04	€ 42.99
CMA0135-AZ-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Aluminium	0.47	£47.41	€ 53.57
CMA0140-BA-02-OL	2 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.36	£22.05	€ 24.92
CMA0140-BA-03-OL	3 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.51	£31.43	€ 35.51
CMA0140-BA-04-OL	4 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.66	£38.04	€ 42.99
CMA0140-BA-05-OL	5 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.81	£49.07	€ 55.45
CMA0140-BA-06-OL	6 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.97	£59.54	€ 67.27
CMA0140-BA-07-OL	7 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	1.12	£69.46	€ 78.49
CMA0150-CB-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	0.63	£32.53	€ 36.76
CMA0150-CB-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	0.89	£40.79	€ 46.10
CMA0150-CB-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	1.16	£46.86	€ 52.95
CMA0150-CB-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	1.42	£55.13	€ 62.29
CMA0150-CB-06-OL	6 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	1.69	£67.81	€ 76.62
CMA0150-CB-07-OL	7 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	1.96	£82.14	€ 92.82
CMA0150-CB-08-OL	8 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	2.22	£95.92	€ 108.39
CMA0150-CB-09-OL	9 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	2.49	£113.56	€ 128.32



PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMA0160-DC-02-OL	2 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	0.97	£40.79	€ 46.10
CMA0160-DC-03-OL	3 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	1.43	£50.72	€ 57.31
CMA0160-DC-04-OL	4 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	1.88	£60.09	€ 67.90
CMA0160-DC-05-OL	5 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	2.34	£72.77	€ 82.22
CMA0160-DC-06-OL	6 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	2.79	£99.23	€ 112.12
CMA0160-DC-07-OL	7 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	3.25	£119.63	€ 135.18
CMA0160-DC-08-OL	8 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	3.70	£141.68	€ 160.09
CMA0170-ED-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	1.60	£61.74	€ 69.77
CMA0170-ED-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	2.28	£77.18	€ 87.21
CMA0170-ED-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	2.97	£100.88	€ 114.00
CMA0170-ED-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	3.65	£127.34	€ 143.90
CMA0170-ED-06-OL	6 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	4.33	£151.04	€ 170.68
CMA0170-ED-07-OL	7 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	5.02	£173.09	€ 195.59
CMA0180-FE-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	2.40	£92.61	€ 104.65
CMA0180-FE-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	3.66	£128.99	€ 145.76
CMA0180-FE-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	4.81	£176.40	€ 199.33
CMA0180-FE-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	5.96	£219.95	€ 248.55

## GALVANIZED STEEL

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMS0135-AZ-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Galvanized Steel	0.20	£41.35	€ 46.72
CMS0135-AZ-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Galvanized Steel	0.29	£60.09	€ 67.90
CMS0135-AZ-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Galvanized Steel	0.38	£78.83	€ 89.08
CMS0135-AZ-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Galvanized Steel	0.47	£94.27	€ 106.52
CMS0140-BA-02-OL	2 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.36	£50.72	
CMS0140-BA-03-OL	3 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.51	£64.50	€ 72.89
CMS0140-BA-04-OL	4 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.66	£80.48	€ 90.95
CMS0140-BA-05-OL	5 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.81	£95.92	€ 108.39
CMS0140-BA-06-OL	6 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.97	£116.32	€ 131.44
CMS0140-BA-07-OL	7 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	1.12	£133.96	€ 151.37

continued on next page

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMS0150-CB-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	0.63	£72.77	€ 82.22
CMS0150-CB-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	0.89	£94.27	€ 106.52
CMS0150-CB-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	1.16	£119.63	€ 135.18
CMS0150-CB-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	1.42	£147.74	€ 166.94
CMS0150-CB-06-OL	6 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	1.69	£173.09	€ 195.59
CMS0150-CB-07-OL	7 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	1.96	£198.45	€ 224.25
CMS0150-CB-08-OL	8 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	2.22	£226.57	€ 256.02
CMS0150-CB-09-OL	9 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	2.49	£251.37	€ 284.05
CMS0160-DC-02-OL	2 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	0.97	£100.88	€ 114.00
CMS0160-DC-03-OL	3 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	1.43	£144.98	€ 163.83
CMS0160-DC-04-OL	4 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	1.88	£191.84	€ 216.77
CMS0160-DC-05-OL	5 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	2.34	£239.24	€ 270.34
CMS0160-DC-06-OL	6 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	2.79	£282.80	€ 319.56
CMS0160-DC-07-OL	7 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	3.25	£326.90	€ 369.39
CMS0160-DC-08-OL	8 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	3.70	£377.06	€ 426.07
CMS0170-ED-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	1.60	£144.98	€ 163.83
CMS0170-ED-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	2.28	£198.45	€ 224.25
CMS0170-ED-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	2.97	£273.42	€ 308.96
CMS0170-ED-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	3.65	£339.57	€ 383.71
CMS0170-ED-06-OL	6 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	4.33	£399.11	€ 450.99
CMS0170-ED-07-OL	7 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	5.02	£461.95	€ 522.00
CMS0180-FE-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	2.40	£210.58	€ 237.95
CMS0180-FE-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	3.66	£307.60	€ 347.59
CMS0180-FE-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	4.81	£405.72	€ 458.46
CMS0180-FE-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	5.96	£502.74	€ 568.10

## Benefits of Stainless Steel Products

Stainless Steel products are used largely due to their ability to cope with harsh environments. The units offer the highest standards of performance and durability. Applications to date are in the nuclear, marine, offshore, food, chemical and pharmaceutical industries where high performance in remote and corrosive environments is required.

- **Corrosion Resistance:** Lower alloyed grades resist corrosion in atmospheric and pure water environments, while high-alloyed grades can resist corrosion in most acid, alkaline solutions and chlorine bearing environments; properties which utilized in process plants.
- **Fire and Heat Resistance:** Special high chromium and nickel-alloyed grades resist scalding and retain strength at high temperatures.
- **Hygiene:** The easy cleaning ability of stainless makes it the first choice for strict hygiene conditions, such as hospitals, kitchens and food processing plants.
- **Ease of Fabrication:** Modern steel-making techniques mean that stainless can be cut, welded, formed, machined and fabricated as readily as traditional steels.
- **Aesthetic Appearance:** The bright, easily maintained surface of stainless steel provides a modern attractive appearance.
- **Long Term Value:** When the total life cycle costs are considered, stainless is often the least expensive material option. Stainless steel rarely rusts.

## STAINLESS STEEL

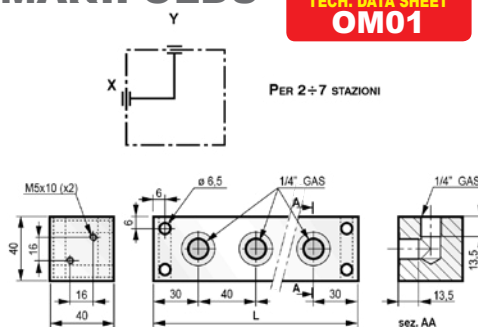
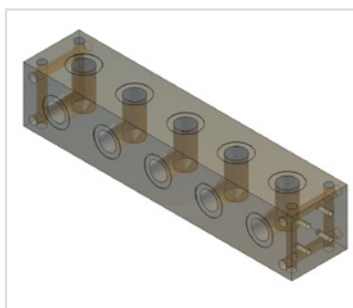
PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMX0135-AZ-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Stainless Steel	0.20	£POA	€ POA
CMX0135-AZ-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Stainless Steel	0.29	£POA	€ POA
CMX0135-AZ-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Stainless Steel	0.38	£POA	€ POA
CMX0135-AZ-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1/4" BSP inlet ports, 1/8" BSP Service ports	250 Bar	Stainless Steel	0.47	£POA	€ POA
CMX0140-BA-02-OL	2 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.36	£POA	€ POA
CMX0140-BA-03-OL	3 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.51	£POA	€ POA
CMX0140-BA-04-OL	4 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.66	£POA	€ POA
CMX0140-BA-05-OL	5 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.81	£POA	€ POA
CMX0140-BA-06-OL	6 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.97	£POA	€ POA
CMX0140-BA-07-OL	7 Station Hydraulic Parallel Scheme Manifold	3/8" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	1.12	£POA	€ POA
CMX0150-CB-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	0.63	£POA	€ POA
CMX0150-CB-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	0.89	£POA	€ POA
CMX0150-CB-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	1.16	£POA	€ POA
CMX0150-CB-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	1.42	£POA	€ POA
CMX0150-CB-06-OL	6 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	1.69	£POA	€ POA
CMX0150-CB-07-OL	7 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	1.96	£POA	€ POA
CMX0150-CB-08-OL	8 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	2.22	£POA	€ POA
CMX0150-CB-09-OL	9 Station Hydraulic Parallel Scheme Manifold	1/2" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	2.49	£POA	€ POA
CMX0160-DC-02-OL	2 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	0.97	£POA	€ POA
CMX0160-DC-03-OL	3 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	1.43	£POA	€ POA
CMX0160-DC-04-OL	4 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	1.88	£POA	€ POA
CMX0160-DC-05-OL	5 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	2.34	£POA	€ POA
CMX0160-DC-06-OL	6 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	2.79	£POA	€ POA
CMX0160-DC-07-OL	7 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	3.25	£POA	€ POA
CMX0160-DC-08-OL	8 Station Hydraulic Parallel Scheme Manifold	3/4" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	3.70	£POA	€ POA
CMX0170-ED-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	1.60	£POA	€ POA
CMX0170-ED-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	2.28	£POA	€ POA
CMX0170-ED-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	2.97	£POA	€ POA
CMX0170-ED-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	3.65	£POA	€ POA
CMX0170-ED-06-OL	6 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	4.33	£POA	€ POA
CMX0170-ED-07-OL	7 Station Hydraulic Parallel Scheme Manifold	1" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	5.02	£POA	€ POA

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PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMX0180-FE-02-OL	2 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	2.40	£POA	€ POA
CMX0180-FE-03-OL	3 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	3.66	£POA	€ POA
CMX0180-FE-04-OL	4 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	4.81	£POA	€ POA
CMX0180-FE-05-OL	5 Station Hydraulic Parallel Scheme Manifold	1.1/4" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	5.96	£POA	€ POA

## OLEORAMA HYDRAULIC L TYPE MANIFOLDS

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## ALUMINIUM

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMA0240-OA-02-OL	2 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.37	£22.05	€ 24.92
CMA0240-OA-03-OL	3 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.53	£30.32	€ 34.27
CMA0240-OA-04-OL	4 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.69	£37.49	€ 42.36
CMA0240-OA-05-OL	5 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.84	£47.41	€ 53.57
CMA0240-OA-06-OL	6 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	1.00	£59.54	€ 67.27
CMA0240-OA-07-OL	7 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	1.16	£69.46	€ 78.49
CMA0250-OB-02-OL	2 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	0.65	£32.53	€ 36.76
CMA0250-OB-03-OL	3 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	0.92	£40.79	€ 46.10
CMA0250-OB-04-OL	4 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	1.19	£47.41	€ 53.57
CMA0250-OB-05-OL	5 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	1.46	£56.78	€ 64.17
CMA0250-OB-06-OL	6 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	1.73	£69.46	€ 78.49
CMA0250-OB-07-OL	7 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	2.00	£80.48	€ 90.95
CMA0250-OB-08-OL	8 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	2.27	£89.86	€ 101.54
CMA0250-OB-09-OL	9 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	2.54	£106.94	€ 120.85

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PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
CMA0260-OC-02-OL	2 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	1.02	£40.79	€ 46.10
CMA0260-OC-03-OL	3 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	1.49	£52.37	€ 59.18
CMA0260-OC-04-OL	4 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	1.96	£69.46	€ 78.49
CMA0260-OC-05-OL	5 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	2.43	£86.55	€ 97.80
CMA0260-OC-06-OL	6 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	2.90	£102.53	€ 115.86
CMA0260-OC-07-OL	7 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	3.37	£119.63	€ 135.18
CMA0260-OC-08-OL	8 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	3.83	£135.61	€ 153.24
CMA0270-OD-02-OL	2 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	1.68	£61.74	€ 69.77
CMA0270-OD-03-OL	3 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	2.39	£77.18	€ 87.21
CMA0270-OD-04-OL	4 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	3.09	£99.23	€ 112.12
CMA0270-OD-05-OL	5 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	3.79	£124.58	€ 140.78
CMA0270-OD-06-OL	6 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	4.49	£146.63	€ 165.69
CMA0270-OD-07-OL	7 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	5.19	£167.58	€ 189.37
CMA0280-OE-02-OL	2 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	2.61	£92.61	€ 104.65
CMA0280-OE-03-OL	3 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	3.81	£122.93	€ 138.92
CMA0280-OE-04-OL	4 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	5.00	£167.03	€ 188.75
CMA0280-OE-05-OL	5 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	6.20	£210.58	€ 237.95

## GALVANIZED STEEL

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMS0240-OA-02-OL	2 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.37	£44.10	€ 49.83
CMS0240-OA-03-OL	3 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.53	£60.64	€ 68.52
CMS0240-OA-04-OL	4 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.69	£74.97	€ 84.72
CMS0240-OA-05-OL	5 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.84	£94.82	€ 107.14
CMS0240-OA-06-OL	6 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	1.00	£119.07	€ 134.55
CMS0240-OA-07-OL	7 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	1.16	£138.92	€ 156.97
CMS0250-OB-02-OL	2 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	0.65	£66.15	€ 74.75
CMS0250-OB-03-OL	3 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	0.92	£91.51	€ 103.40
CMS0250-OB-04-OL	4 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	1.19	£113.56	€ 128.32
CMS0250-OB-05-OL	5 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	1.46	£141.68	€ 160.09
CMS0250-OB-06-OL	6 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	1.73	£167.03	€ 188.75
CMS0250-OB-07-OL	7 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	2.00	£191.84	€ 216.77
CMS0250-OB-08-OL	8 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	2.27	£219.95	€ 248.55
CMS0250-OB-09-OL	9 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	2.54	£245.31	€ 277.20

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PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
CMS0260-OC-02-OL	2 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	1.02	£91.51	€ 103.40
CMS0260-OC-03-OL	3 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	1.49	£135.61	€ 153.24
CMS0260-OC-04-OL	4 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	1.96	£182.47	€ 206.19
CMS0260-OC-05-OL	5 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	2.43	£229.88	€ 259.76
CMS0260-OC-06-OL	6 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	2.90	£273.42	€ 308.96
CMS0260-OC-07-OL	7 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	3.37	£317.52	€ 358.80
CMS0260-OC-08-OL	8 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	3.83	£367.69	€ 415.49
CMS0270-OD-02-OL	2 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	1.68	£135.61	€ 153.24
CMS0270-OD-03-OL	3 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	2.39	£188.53	€ 213.04
CMS0270-OD-04-OL	4 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	3.09	£263.50	€ 297.75
CMS0270-OD-05-OL	5 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	3.79	£330.20	€ 373.13
CMS0270-OD-06-OL	6 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	4.49	£389.74	€ 440.41
CMS0270-OD-07-OL	7 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	5.19	£452.58	€ 511.42
CMS0280-OE-02-OL	2 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	2.61	£198.45	€ 224.25
CMS0280-OE-03-OL	3 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	3.81	£295.47	€ 333.88
CMS0280-OE-04-OL	4 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	5.00	£393.05	€ 444.14
CMS0280-OE-05-OL	5 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	6.20	£490.61	€ 554.39

## Benefits of Stainless Steel Products

Stainless Steel products are used largely due to their ability to cope with harsh environments. The units offer the highest standards of performance and durability. Applications to date are in the nuclear, marine, offshore, food, chemical and pharmaceutical industries where high performance in remote and corrosive environments is required.

- **Corrosion Resistance:** Lower alloyed grades resist corrosion in atmospheric and pure water environments, while high-alloyed grades can resist corrosion in most acid, alkaline solutions and chlorine bearing environments; properties which utilized in process plants.
- **Fire and Heat Resistance:** Special high chromium and nickel-alloyed grades resist scalding and retain strength at high temperatures.
- **Hygiene:** The easy cleaning ability of stainless makes it the first choice for strict hygiene conditions, such as hospitals, kitchens and food processing plants.
- **Ease of Fabrication:** Modern steel-making techniques mean that stainless can be cut, welded, formed, machined and fabricated as readily as traditional steels.
- **Aesthetic Appearance:** The bright, easily maintained surface of stainless steel provides a modern attractive appearance.
- **Long Term Value:** When the total life cycle costs are considered, stainless is often the least expensive material option. Stainless steel rarely rusts.

## STAINLESS STEEL

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMX0240-OA-02-OL	2 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.37	£POA	€ POA
CMX0240-OA-03-OL	3 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.53	£POA	€ POA
CMX0240-OA-04-OL	4 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.69	£POA	€ POA
CMX0240-OA-05-OL	5 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.84	£POA	€ POA
CMX0240-OA-06-OL	6 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	1.00	£POA	€ POA
CMX0240-OA-07-OL	7 Station Hydraulic L Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	1.16	£POA	€ POA

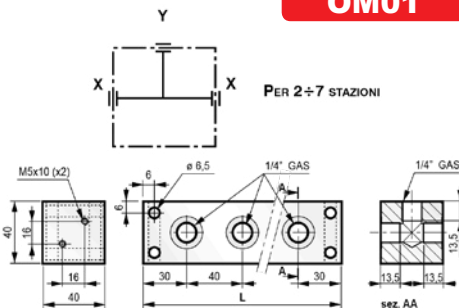
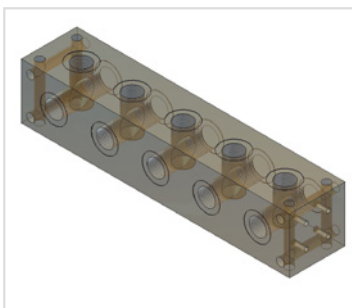
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CMX0250-OB-02-OL	2 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	0.65	£POA	€ POA
CMX0250-OB-03-OL	3 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	0.92	£POA	€ POA
CMX0250-OB-04-OL	4 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	1.19	£POA	€ POA
CMX0250-OB-05-OL	5 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	1.46	£POA	€ POA
CMX0250-OB-06-OL	6 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	1.73	£POA	€ POA
CMX0250-OB-07-OL	7 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	2.00	£POA	€ POA
CMX0250-OB-08-OL	8 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	2.27	£POA	€ POA
CMX0250-OB-09-OL	9 Station Hydraulic L Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	2.54	£POA	€ POA
CMX0260-OC-02-OL	2 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	1.02	£POA	€ POA
CMX0260-OC-03-OL	3 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	1.49	£POA	€ POA
CMX0260-OC-04-OL	4 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	1.96	£POA	€ POA
CMX0260-OC-05-OL	5 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	2.43	£POA	€ POA
CMX0260-OC-06-OL	6 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	2.90	£POA	€ POA
CMX0260-OC-07-OL	7 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	3.37	£POA	€ POA
CMX0260-OC-08-OL	8 Station Hydraulic L Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	3.83	£POA	€ POA
CMX0270-OD-02-OL	2 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	1.68	£POA	€ POA
CMX0270-OD-03-OL	3 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	2.39	£POA	€ POA
CMX0270-OD-04-OL	4 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	3.09	£POA	€ POA
CMX0270-OD-05-OL	5 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	3.79	£POA	€ POA
CMX0270-OD-06-OL	6 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	4.49	£POA	€ POA
CMX0270-OD-07-OL	7 Station Hydraulic L Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	5.19	£POA	€ POA
CMX0280-OE-02-OL	2 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	2.61	£POA	€ POA
CMX0280-OE-03-OL	3 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	3.81	£POA	€ POA
CMX0280-OE-04-OL	4 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	5.00	£POA	€ POA
CMX0280-OE-05-OL	5 Station Hydraulic L Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	6.20	£POA	€ POA



# OLEORAMA HYDRAULIC T TYPE MANIFOLDS

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## ALUMINIUM

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMA0340-OA-02-OL	2 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.37	£24.26	€ 27.41
CMA0340-OA-03-OL	3 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.53	£32.53	€ 36.76
CMA0340-OA-04-OL	4 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.69	£41.35	€ 46.72
CMA0340-OA-05-OL	5 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	0.84	£52.37	€ 59.18
CMA0340-OA-06-OL	6 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	1.00	£65.60	€ 74.13
CMA0340-OA-07-OL	7 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Aluminium	1.16	£76.63	€ 86.59
CMA0350-OB-02-OL	2 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	0.65	£35.84	€ 40.50
CMA0350-OB-03-OL	3 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	0.92	£44.66	€ 50.46
CMA0350-OB-04-OL	4 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	1.19	£51.27	€ 57.94
CMA0350-OB-05-OL	5 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	1.46	£59.54	€ 67.27
CMA0350-OB-06-OL	6 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	1.73	£70.01	€ 79.12
CMA0350-OB-07-OL	7 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	2.00	£84.89	€ 95.93
CMA0350-OB-08-OL	8 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	2.27	£93.71	€ 105.90
CMA0350-OB-09-OL	9 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Aluminium	2.54	£117.42	€ 132.69
CMA0360-OC-02-OL	2 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	1.02	£44.66	€ 50.46
CMA0360-OC-03-OL	3 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	1.49	£55.68	€ 62.92
CMA0360-OC-04-OL	4 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	1.96	£72.77	€ 82.22
CMA0360-OC-05-OL	5 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	2.43	£88.20	€ 99.67
CMA0360-OC-06-OL	6 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	2.90	£105.29	€ 118.98
CMA0360-OC-07-OL	7 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	3.37	£122.93	€ 138.92
CMA0360-OC-08-OL	8 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Aluminium	3.83	£138.37	€ 156.36

continued on next page

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMA0370-OD-02-OL	2 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	1.68	£67.81	€ 76.62
CMA0370-OD-03-OL	3 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	2.39	£84.89	€ 95.93
CMA0370-OD-04-OL	4 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	3.09	£102.53	€ 115.86
CMA0370-OD-05-OL	5 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	3.79	£125.69	€ 142.02
CMA0370-OD-06-OL	6 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Aluminium	4.49	£154.35	€ 174.42
CMA0370-OD-07-OL	7 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	5.19	£169.79	€ 191.86
CMA0380-OE-02-OL	2 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	2.61	£101.43	€ 114.62
CMA0380-OE-03-OL	3 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	3.81	£135.06	€ 152.62
CMA0380-OE-04-OL	4 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	5.00	£179.71	€ 203.07
CMA0380-OE-05-OL	5 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Aluminium	6.20	£224.91	€ 254.15

## GALVANIZED STEEL

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMS0340-OA-02-OL	2 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.37	£48.51	€ 54.82
CMS0340-OA-03-OL	3 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.53	£65.05	€ 73.50
CMS0340-OA-04-OL	4 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.69	£82.69	€ 93.44
CMS0340-OA-05-OL	5 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	0.84	£104.74	€ 118.35
CMS0340-OA-06-OL	6 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	1.00	£131.20	€ 148.25
CMS0340-OA-07-OL	7 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Galvanized Steel	1.16	£153.25	€ 173.17
CMS0350-OB-02-OL	2 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	0.65	£71.66	€ 80.98
CMS0350-OB-03-OL	3 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	0.92	£94.27	€ 106.52
CMS0350-OB-04-OL	4 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	1.19	£116.32	€ 131.44
CMS0350-OB-05-OL	5 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	1.46	£144.98	€ 163.83
CMS0350-OB-06-OL	6 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	1.73	£169.79	€ 191.86
CMS0350-OB-07-OL	7 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	2.00	£195.14	€ 220.51
CMS0350-OB-08-OL	8 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	2.27	£223.26	€ 252.29
CMS0350-OB-09-OL	9 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Galvanized Steel	2.54	£248.62	€ 280.94
CMS0360-OC-02-OL	2 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	1.02	£94.27	€ 106.52
CMS0360-OC-03-OL	3 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	1.49	£138.37	€ 156.36
CMS0360-OC-04-OL	4 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	1.96	£185.78	€ 209.93
CMS0360-OC-05-OL	5 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	2.43	£232.63	€ 262.87
CMS0360-OC-06-OL	6 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	2.90	£276.73	€ 312.70
CMS0360-OC-07-OL	7 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	3.37	£320.83	€ 362.54
CMS0360-OC-08-OL	8 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Galvanized Steel	3.83	£371.00	€ 419.23

continued on next page

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMS0370-OD-02-OL	2 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	1.68	£138.37	€ 156.36
CMS0370-OD-03-OL	3 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	2.39	£191.84	€ 216.77
CMS0370-OD-04-OL	4 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	3.09	£267.36	€ 302.12
CMS0370-OD-05-OL	5 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	3.79	£333.51	€ 376.87
CMS0370-OD-06-OL	6 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Galvanized Steel	4.49	£393.05	€ 444.14
CMS0370-OD-07-OL	7 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	5.19	£455.89	€ 515.15
CMS0380-OE-02-OL	2 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	2.61	£204.52	€ 231.11
CMS0380-OE-03-OL	3 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	3.81	£302.09	€ 341.36
CMS0380-OE-04-OL	4 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	5.00	£399.11	€ 450.99
CMS0380-OE-05-OL	5 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Galvanized Steel	6.20	£496.68	€ 561.25

## Benefits of Stainless Steel Products

Stainless Steel products are used largely due to their ability to cope with harsh environments. The units offer the highest standards of performance and durability. Applications to date are in the nuclear, marine, offshore, food, chemical and pharmaceutical industries where high performance in remote and corrosive environments is required.

- **Corrosion Resistance:** Lower alloyed grades resist corrosion in atmospheric and pure water environments, while high-alloyed grades can resist corrosion in most acid, alkaline solutions and chlorine bearing environments; properties which utilized in process plants.
- **Fire and Heat Resistance:** Special high chromium and nickel-alloyed grades resist scalding and retain strength at high temperatures.
- **Hygiene:** The easy cleaning ability of stainless makes it the first choice for strict hygiene conditions, such as hospitals, kitchens and food processing plants.
- **Ease of Fabrication:** Modern steel-making techniques mean that stainless can be cut, welded, formed, machined and fabricated as readily as traditional steels.
- **Aesthetic Appearance:** The bright, easily maintained surface of stainless steel provides a modern attractive appearance.
- **Long Term Value:** When the total life cycle costs are considered, stainless is often the least expensive material option. Stainless steel rarely rusts.

## STAINLESS STEEL

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
CMX0340-OA-02-OL	2 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.37	£POA	€ POA
CMX0340-OA-03-OL	3 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.53	£POA	€ POA
CMX0340-OA-04-OL	4 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.69	£POA	€ POA
CMX0340-OA-05-OL	5 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	0.84	£POA	€ POA
CMX0340-OA-06-OL	6 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	1.00	£POA	€ POA
CMX0340-OA-07-OL	7 Station Hydraulic T Type Manifold	1/4" BSP inlet ports, 1/4" BSP Service ports	250 Bar	Stainless Steel	1.16	£POA	€ POA
CMX0350-OB-02-OL	2 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	0.65	£POA	€ POA
CMX0350-OB-03-OL	3 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	0.92	£POA	€ POA
CMX0350-OB-04-OL	4 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	1.19	£POA	€ POA
CMX0350-OB-05-OL	5 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	1.46	£POA	€ POA
CMX0350-OB-06-OL	6 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	1.73	£POA	€ POA
CMX0350-OB-07-OL	7 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	2.00	£POA	€ POA
CMX0350-OB-08-OL	8 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	2.27	£POA	€ POA
CMX0350-OB-09-OL	9 Station Hydraulic T Type Manifold	3/8" BSP inlet ports, 3/8" BSP Service ports	250 Bar	Stainless Steel	2.54	£POA	€ POA

PRODUCT REFERENCE	DESCRIPTION	PORT SIZES	MAX PRESSURE	MATERIAL	WEIGHT	NETT. PRICE	
CMX0360-OC-02-OL	2 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	1.02	£POA	€ POA
CMX0360-OC-03-OL	3 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	1.49	£POA	€ POA
CMX0360-OC-04-OL	4 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	1.96	£POA	€ POA
CMX0360-OC-05-OL	5 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	2.43	£POA	€ POA
CMX0360-OC-06-OL	6 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	2.90	£POA	€ POA
CMX0360-OC-07-OL	7 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	3.37	£POA	€ POA
CMX0360-OC-08-OL	8 Station Hydraulic T Type Manifold	1/2" BSP inlet ports, 1/2" BSP Service ports	250 Bar	Stainless Steel	3.83	£POA	€ POA
CMX0370-OD-02-OL	2 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	1.68	£POA	€ POA
CMX0370-OD-03-OL	3 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	2.39	£POA	€ POA
CMX0370-OD-04-OL	4 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	3.09	£POA	€ POA
CMX0370-OD-05-OL	5 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	3.79	£POA	€ POA
CMX0370-OD-06-OL	6 Station Hydraulic T Type Manifold	3/4" BSP inlet ports, 3/4" BSP Service ports	250 Bar	Stainless Steel	4.49	£POA	€ POA
CMX0370-OD-07-OL	7 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	5.19	£POA	€ POA
CMX0380-OE-02-OL	2 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	2.61	£POA	€ POA
CMX0380-OE-03-OL	3 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	3.81	£POA	€ POA
CMX0380-OE-04-OL	4 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	5.00	£POA	€ POA
CMX0380-OE-05-OL	5 Station Hydraulic T Type Manifold	1" BSP inlet ports, 1" BSP Service ports	250 Bar	Stainless Steel	6.20	£POA	€ POA

# DIRECTIONAL CONTROL VALVES

- ⬢ **BSP PORTS: 1/4" - 3/4"**
- ⬢ **FLOW RATES: 15 - 160L/MIN**
- ⬢ **SECTIONS AVAILABLE: 1 - 8**
- ⬢ **VARIED SPOOL OPTIONS:**
  - DOUBLE ACTING      - MOTOR
  - SINGLE ACTING      - FLOAT
- ⬢ **DIFFERENT POSITIONER KITS AVAILABLE:**
  - SPRING                      - PNEUMATIC
  - DETENT                      - HYDRAULIC
  - ELECTRIC                  - MICROSWITCH
  - AIR/ELECTRIC              - KICKOUT
- ⬢ **DIFFERENT LEVER CONTROL OPTIONS - INCLUDING CABLE CONTROL**



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# POWER PACKS AND POWER UNITS

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**QUALITY PRODUCTS**

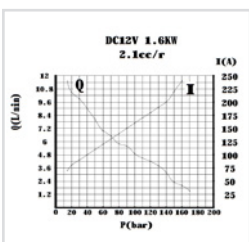
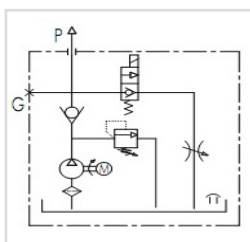


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## FLOWFIT 12VDC SINGLE ACTING HYDRAULIC POWER PACKS

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**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.

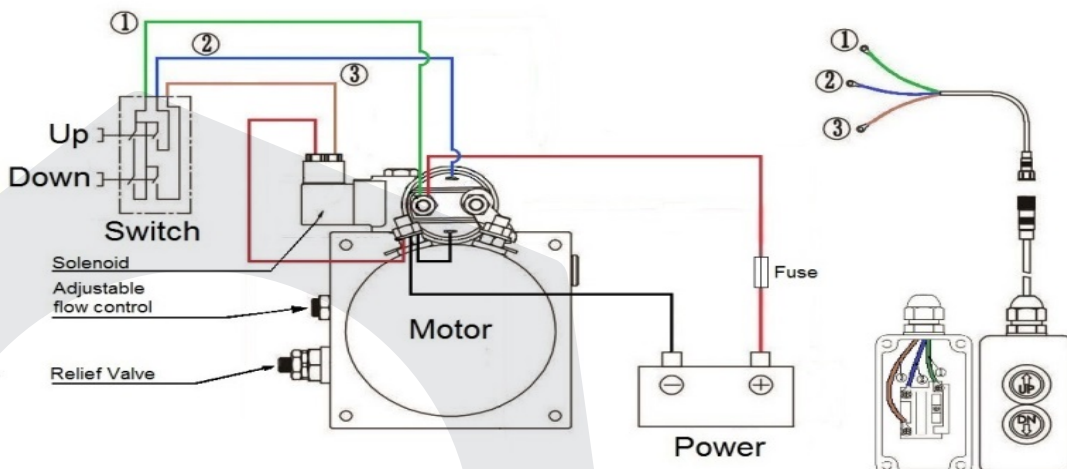
2 Button detachable pendant on a 4 metre lead.

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.

\*Please note. Our DC power units can pull 200 amps at full load, if fusing is a requirement a 210 amp fuse should be used. A minimum 25mm<sup>2</sup> cable at a max 5 metres in length should be used and negative cable should be in one continuous length from the battery terminating at the power unit.

### SINGLE ACTING WIRING DIAGRAM





The diagram illustrates the electrical wiring for a hydraulic system. The power source (battery) is connected to a fuse, which then splits to power the solenoid and the motor. A switch controls the solenoid. A remote PCB is also connected to the solenoid. The diagram includes labels for 'Up', 'Down', 'Switch', 'Solenoid', 'Adjustable flow control', 'Relief Valve', 'Motor', 'Remote PCB', 'Fuse', and 'Power'. Numbered wires (1, 2, 3) are used to identify specific connections.

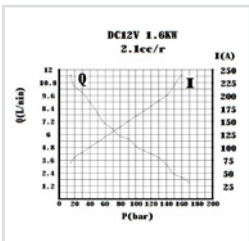
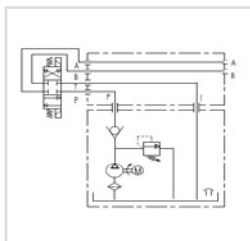
The technical drawings include:

- A side view showing dimensions: 400 mm total length, 80 mm distance from the front face to the first mounting hole, and 200 mm distance between the two mounting holes.
- A top-down view showing a square footprint with a diameter of 196 mm.
- A perspective view of the assembled unit with its cable and connector.
- A detailed view of the mounting bracket showing an M10 x 15 screw hole and a 37 mm dimension.

## FLOWFIT HYDRAULIC POWER PACKS

## FLOWFIT 12VDC DOUBLE ACTING, NG6 (CETOP 3) SOLENOID VALVE POWER PACKS

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**PPPU2**



The Flowfit 12VDC Double Acting power pack is ideal for use in the following applications:

- Tail Lift
- Hoists/Winch
- 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.

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

### 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.

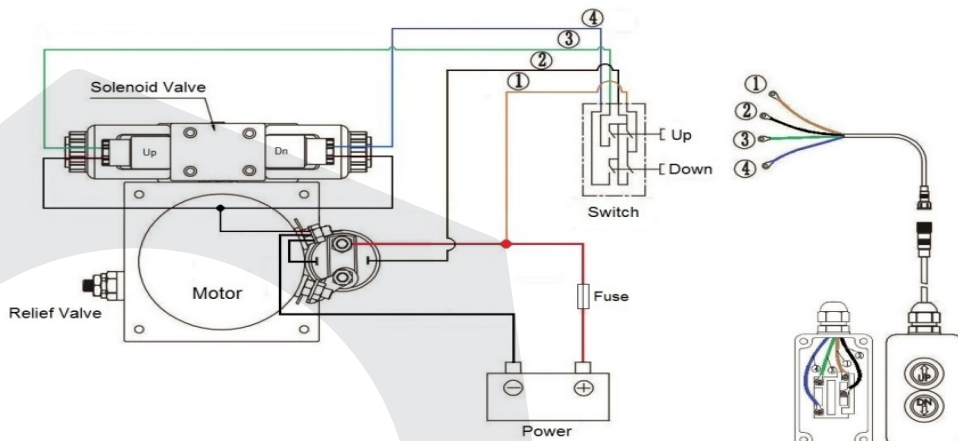
2 Button detachable pendant on a 4 metre lead.

Suitable for all double acting applications.

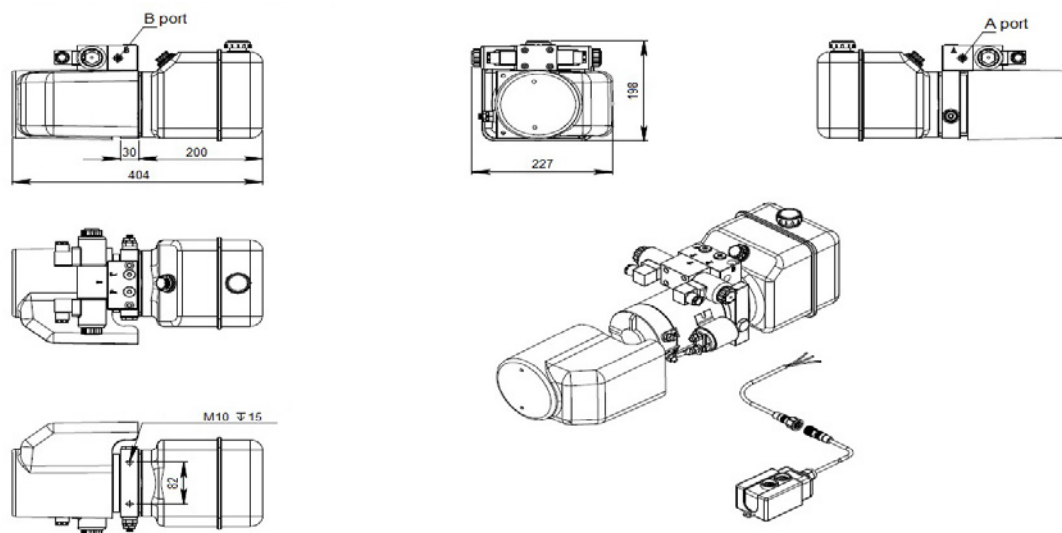
WITH MANY ADDED FEATURES SUCH AS DETACHABLE PENDANTS FOR ADDED SECURITY, REMOVEABLE PLASTIC MOTOR COVER AND A VARIATION ON WHICH RELIEF VALVE SPRING IS FITTED YOUR ARE GETTING AN EXCEPTIONALLY GOOD QUALITY PRODUCT AT A VERY COMPETITIVE PRICE.

\*Please note. Our DC power units can pull 200 amps at full load, if fusing is a requirement a 210 amp fuse should be used. A minimum 25mm<sup>2</sup> cable at a max 5 metres in length should be used and negative cable should be in one continuous length from the battery terminating at the power unit.

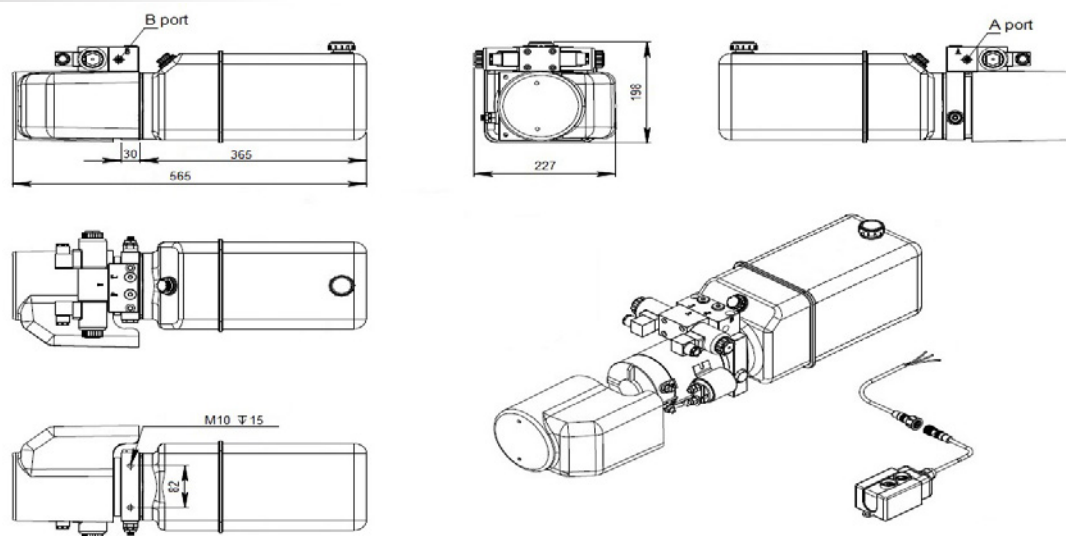
### DOUBLE ACTING, NG6 SOLENOID VALVE WIRING DIAGRAM



## 4.5 LITRE POWER PACK DIMENSIONS

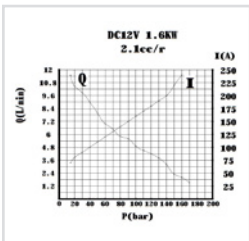
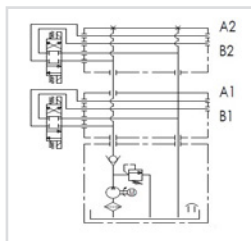


## 8.0 LITRE POWER PACK DIMENSIONS



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.	£264.60	€ 299.00
ZZ004233	Flowfit 12VDC double acting, single solenoid hydraulic powerpack, 8.0 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar.	£280.04	€ 316.44
ZZ010638	Flowfit 12VDC double acting, single solenoid hydraulic powerpack, 11 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar.	£294.37	€ 332.64
ZZ010639	Flowfit 12VDC double acting, single solenoid hydraulic powerpack, 13 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar.	£302.09	€ 341.36

## FLOWFIT 12VDC DOUBLE ACTING, DOUBLE NG6 (CETOP 3) SOLENOID VALVE POWER PACKS



The Flowfit 12VDC Double Acting Double CETOP power pack is ideal for use in the following applications:

- Tail Lift/Extender
- Hoists/Winch
- Trailer/Tipper
- Compactors
- Hand operated lift stacker
- Parking Systems/Barriers
- Scissor Lift Platform
- Security Gates
- Aerial Platform
- Dock Leveler

www.flowfitonline.com  
TECH. DATA SHEET  
**PPU3**

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 independently on a variety 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.

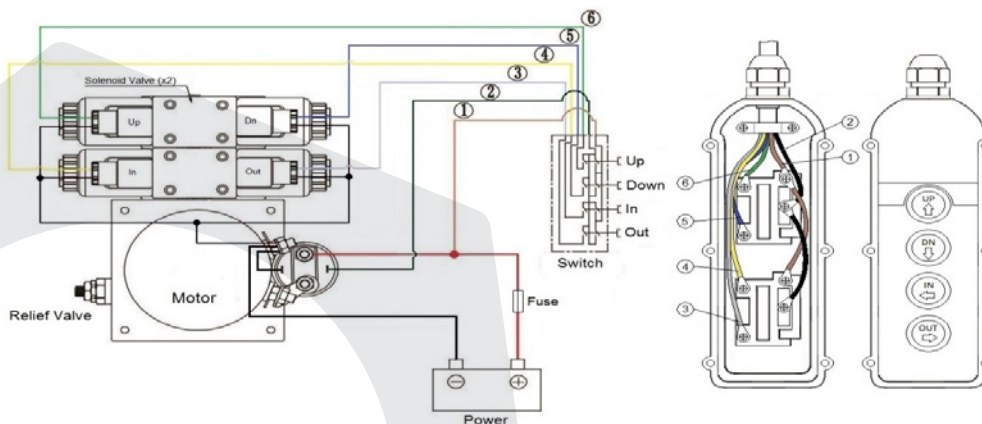
Suitable for all double acting applications.

WITH MANY ADDED FEATURES SUCH AS REMOVEABLE PLASTIC MOTOR COVER AND A VARIATION ON WHICH RELIEF VALVE SPRING IS FITTED YOU ARE GETTING AN EXCEPTIONALLY GOOD QUALITY PRODUCT AT A VERY COMPETITIVE PRICE

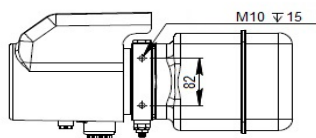
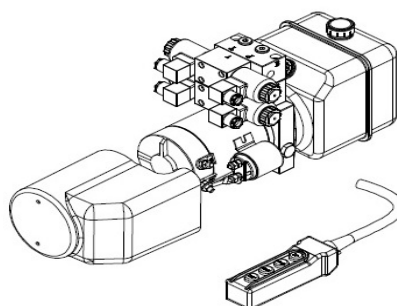
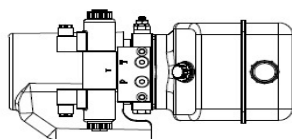
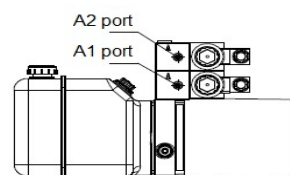
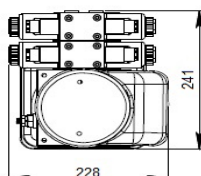
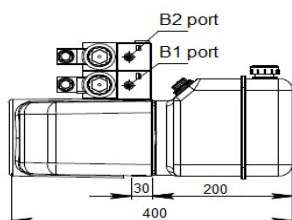
\*Please note. Our DC power units can pull 200 amps at full load, if fusing is a requirement a 210 amp fuse should be used. A minimum 25mm<sup>2</sup> cable at a max 5 metres in length should be used and negative cable should be in one continuous length from the battery terminating at the power unit.



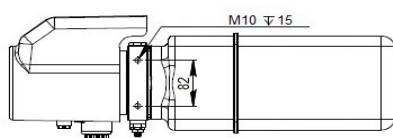
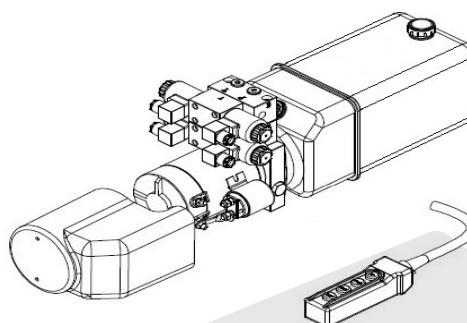
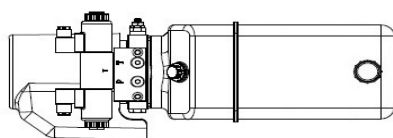
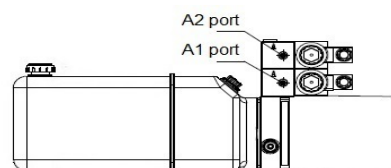
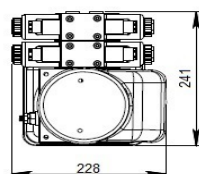
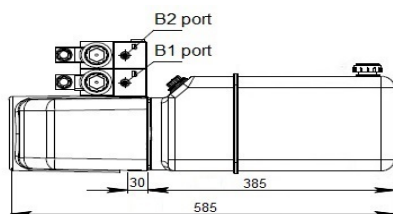
### DOUBLE ACTING, DOUBLE NG6 SOLENOID VALVE WIRING DIAGRAM



## 4.5 LITRE POWER PACK DIMENSIONS



## 8.0 LITRE POWER PACK DIMENSIONS

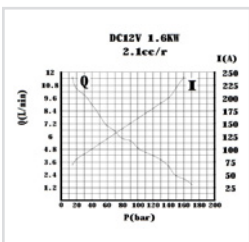
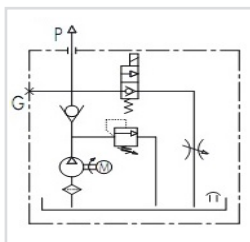


PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ004234	Flowfit 12VDC double acting, double solenoid hydraulic powerpack, 4.5 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar.	£329.65	€ 372.50
ZZ004235	Flowfit 12VDC double acting, double solenoid hydraulic powerpack, 8.0 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar.	£343.98	€ 388.70
ZZ010640	Flowfit 12VDC double acting, double solenoid hydraulic powerpack, 11 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar.	£358.31	€ 404.89
ZZ010641	Flowfit 12VDC double acting, double solenoid hydraulic powerpack, 13 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar.	£366.03	€ 413.61



## 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.

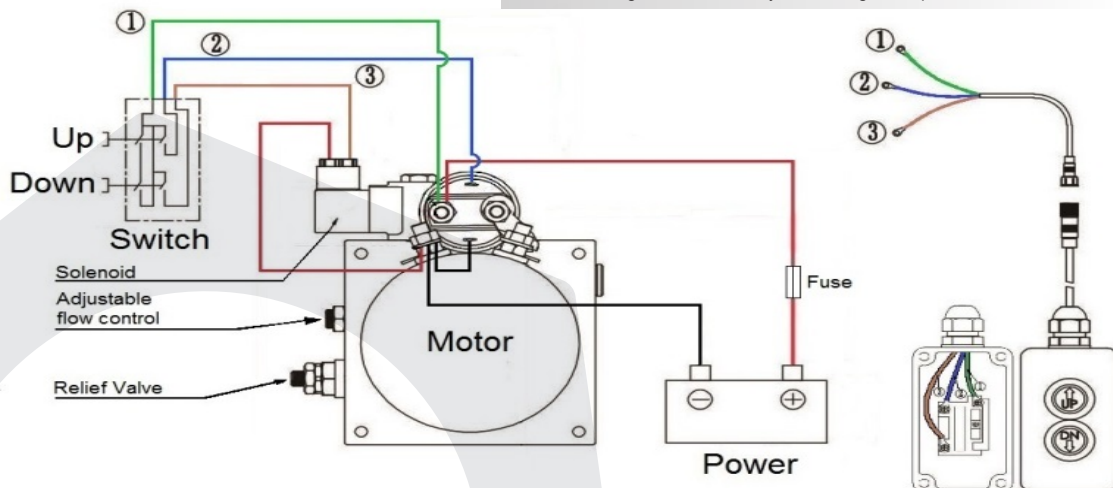
2 Button detachable pendant on a 4 metre lead.

Suitable for all single acting applications.

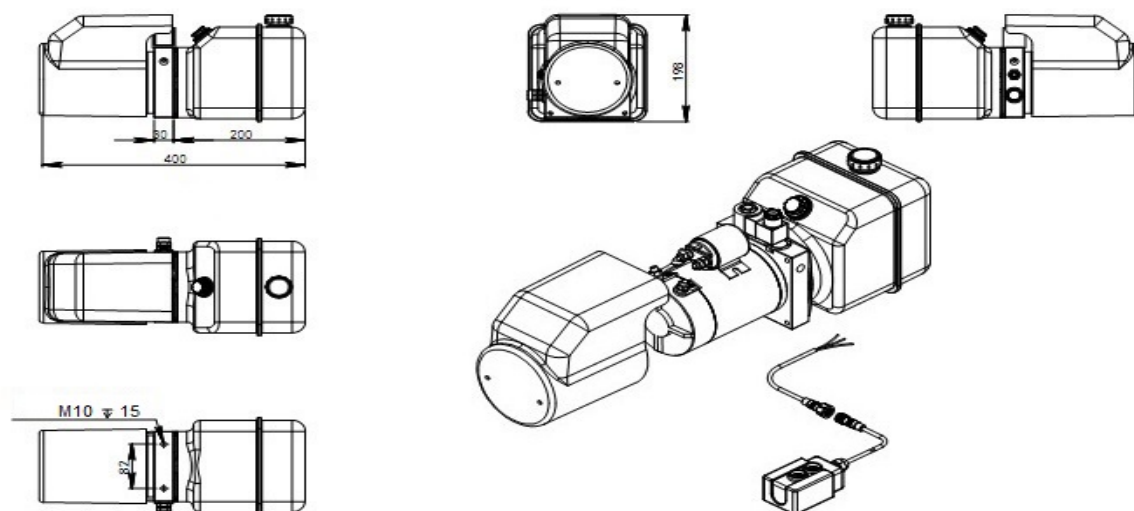
WITH MANY ADDED FEATURES SUCH AS FLOW CONTROL ON CYLINDER DECENT, DETACHABLE PENDANTS FOR ADDED SECURITY, REMOVEABLE PLASTIC MOTOR COVER AND A VARIATION ON WHICH RELIEF VALVE SPRING IS FITTED YOUR ARE GETTING AN EXCEPTIONALLY GOOD QUALITY PRODUCT AT A VERY COMPETITIVE PRICE.

\*Please note. Our DC power units can pull 200 amps at full load, if fusing is a requirement a 210 amp fuse should be used. A minimum 25mm<sup>2</sup> cable at a max 5 metres in length should be used and negative cable should be in one continuous length from the battery terminating at the power unit.

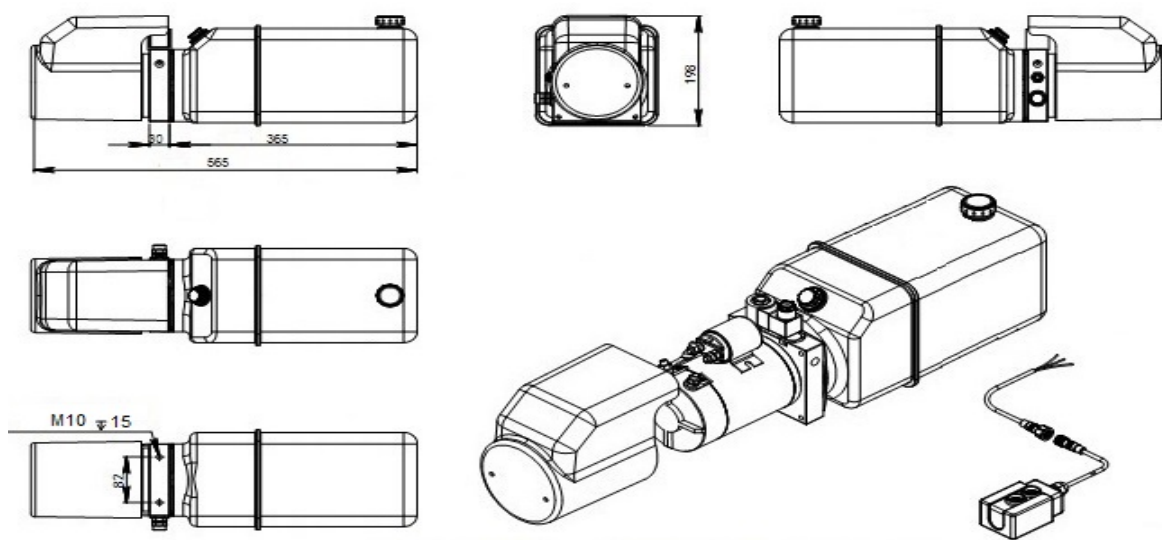
### SINGLE ACTING WIRING DIAGRAM



## 4.5 LITRE POWER PACK DIMENSIONS



## 8.0 LITRE POWER PACK DIMENSIONS

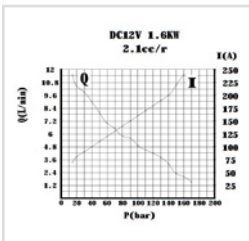
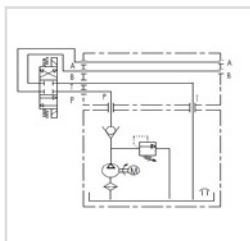


PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ003820	Flowfit 24VDC single acting hydraulic powerpack, 4.5 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar.	£165.38	€ 186.87
ZZ003835	Flowfit 24VDC single acting hydraulic powerpack, 8.0 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar.	£206.17	€ 232.97
ZZ010642	Flowfit 24VDC single acting hydraulic powerpack, 11 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar.	£219.40	€ 247.92
ZZ010643	Flowfit 24VDC single acting hydraulic powerpack, 13 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar.	£227.12	€ 256.64



## 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/Winch
- 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.

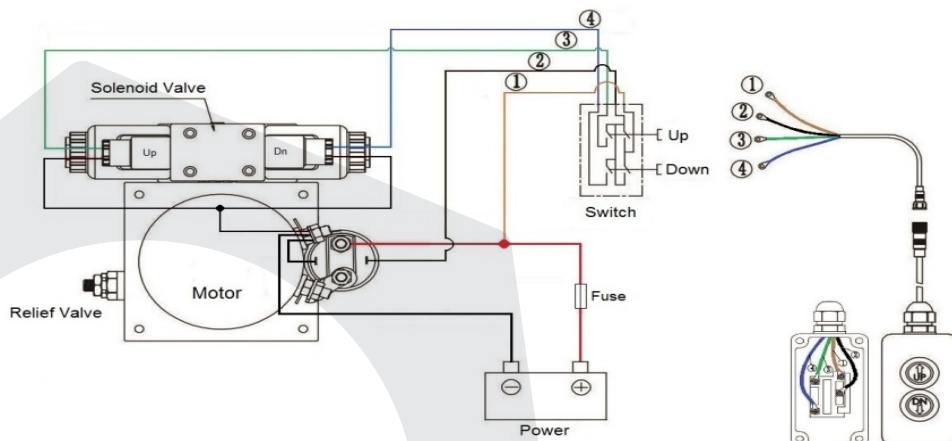
- 24VDC powerunit.
- 2.1cc/rev gear pump.
- 1.6kw 24VDC electric motor c/w relay and plastic motor cover.
- 4.5 Litre or 8.0 Litre reservoir c/w drain plug.
- Powerpack complete with suction strainer, return oil conveyor and filler breather.
- Horizontal mounting.
- Max pressure 200 bar.
- Relief valve 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.

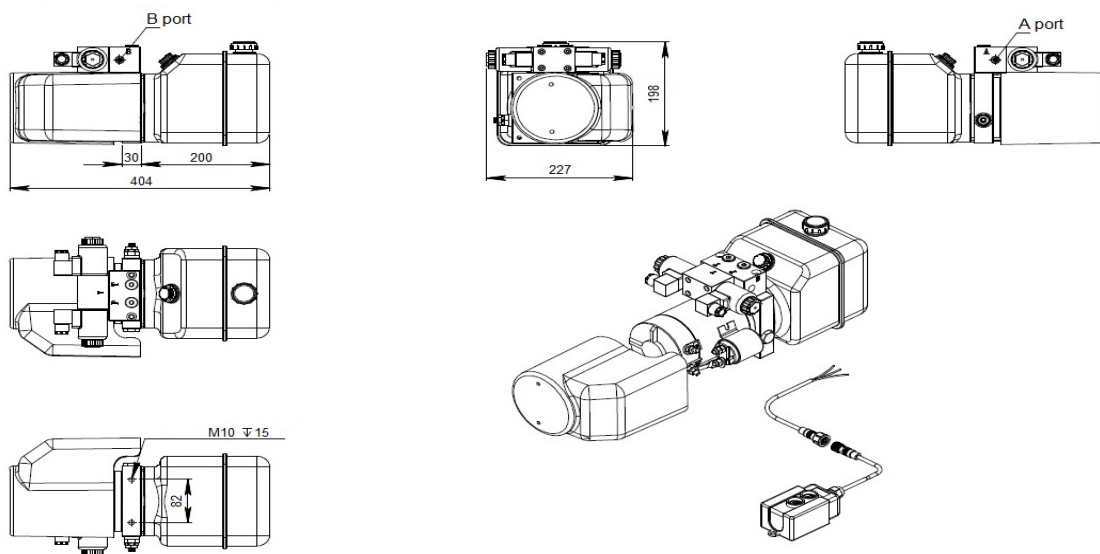
\*Please note. Our DC power units can pull 200 amps at full load, if fusing is a requirement a 210 amp fuse should be used. A minimum 25mm<sup>2</sup> cable at a max 5 metres in length should be used and negative cable should be in one continuous length from the battery terminating at the power unit.



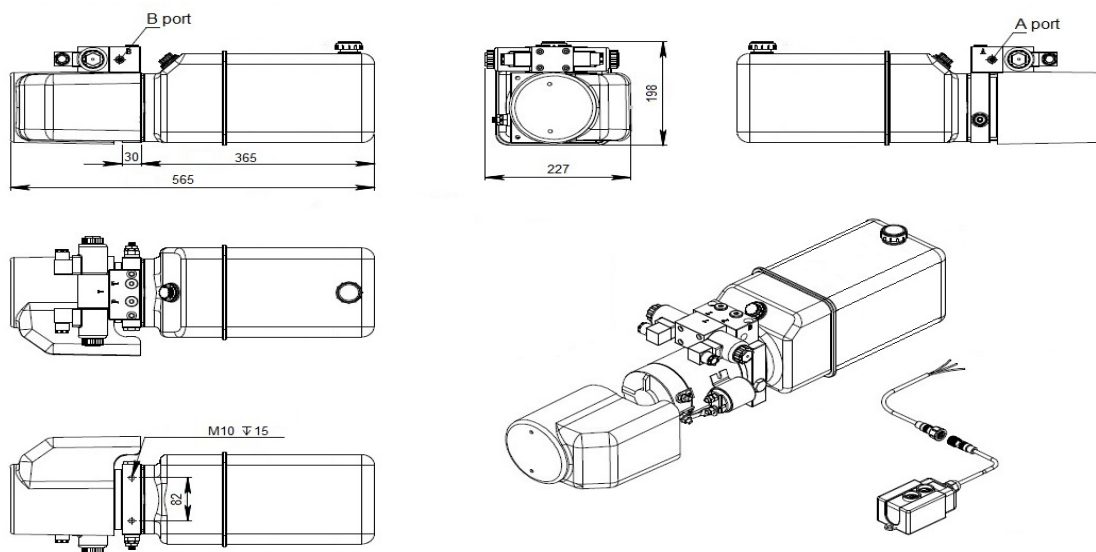
### DOUBLE ACTING, NG6 SOLENOID VALVE WIRING DIAGRAM



## 4.5 LITRE POWER PACK DIMENSIONS



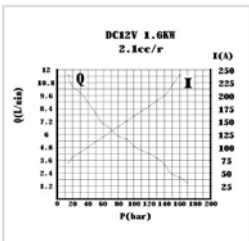
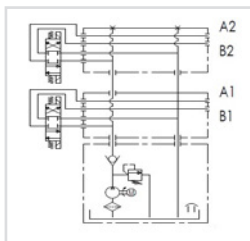
## 8.0 LITRE POWER PACK DIMENSIONS



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.	£264.60	€ 299.00
ZZ004237	Flowfit 24VDC double acting, single solenoid hydraulic powerpack, 8.0 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar.	£280.04	€ 316.44
ZZ010644	Flowfit 24VDC double acting, single solenoid hydraulic powerpack, 11 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar.	£293.27	€ 331.39
ZZ010645	Flowfit 24VDC double acting, single solenoid hydraulic powerpack, 13 litre reservoir c/w 2 button pendant. 5 l/min @ 160bar.	£300.98	€ 340.11

## 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/Winch
- 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 independently on a variety 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.

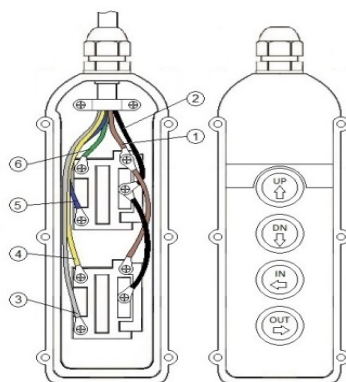
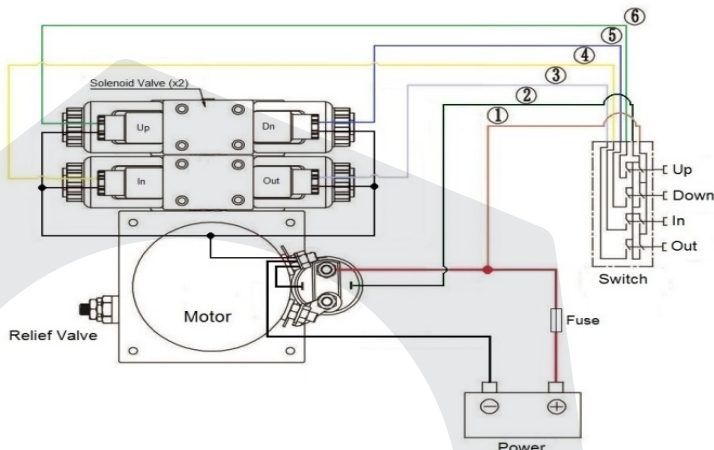
4 Button pendant on a 4 metre lead.

Suitable for all double acting applications.

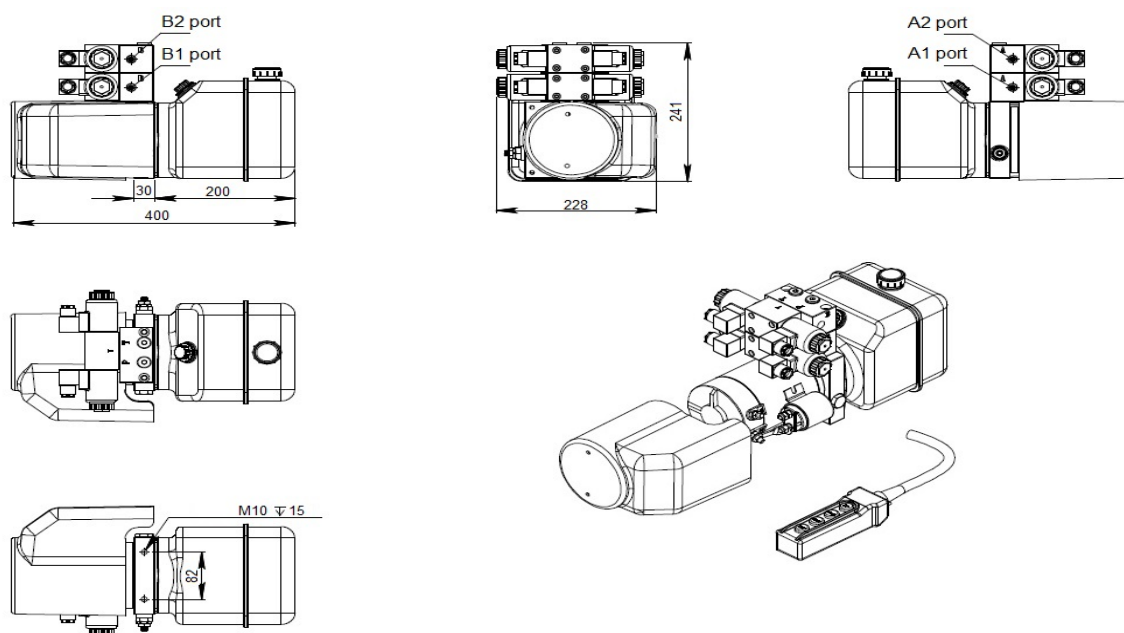
WITH MANY ADDED FEATURES SUCH AS REMOVEABLE PLASTIC MOTOR COVER AND A VARIATION ON WHICH RELIEF VALVE SPRING IS FITTED YOUR ARE GETTING AN EXCEPTIONALLY GOOD QUALITY PRODUCT AT A VERY COMPETITIVE PRICE

\*Please note. Our DC power units can pull 200 amps at full load, if fusing is a requirement a 210 amp fuse should be used. A minimum 25mm<sup>2</sup> cable at a max 5 metres in length should be used and negative cable should be in one continuous length from the battery terminating at the power unit.

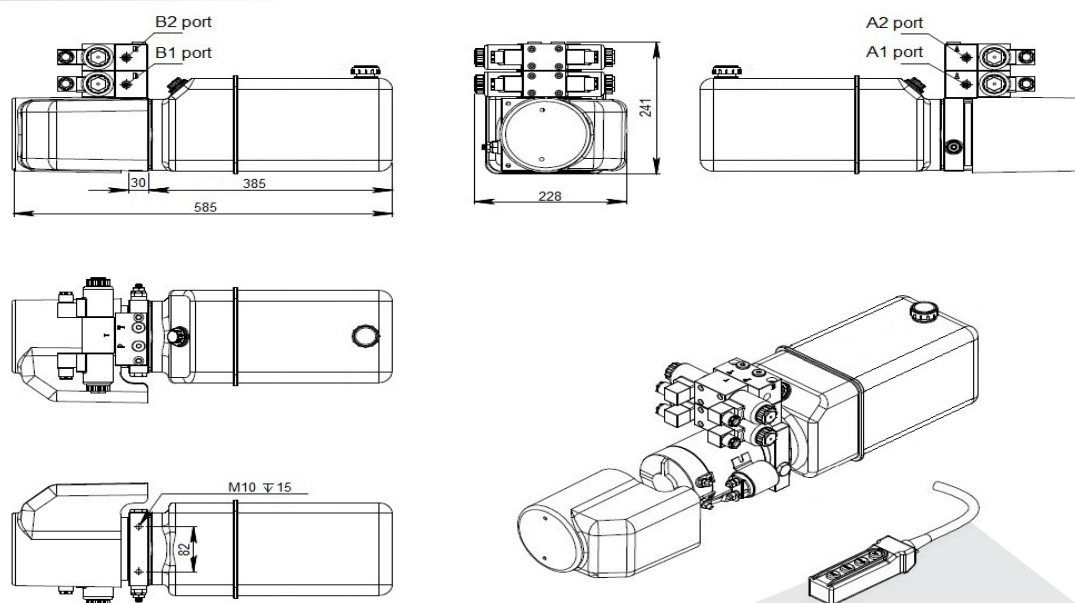
### DOUBLE ACTING, DOUBLE NG6 SOLENOID VALVE WIRING DIAGRAM



## 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.	£329.65	€ 372.50
ZZ004239	Flowfit 24VDC double acting, double solenoid hydraulic powerpack, 8.0 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar.	£343.98	€ 388.70
ZZ010646	Flowfit 24VDC double acting, double solenoid hydraulic powerpack, 11 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar.	£358.31	€ 404.89
ZZ010647	Flowfit 24VDC double acting, double solenoid hydraulic powerpack, 13 litre reservoir c/w 4 button pendant. 5 l/min @ 160bar.	£366.03	€ 413.61

## 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	£97.98	€ 110.71
12VDCMOTOR	12VDC MOTOR 1.6KW C/W RELAY	£97.98	€ 110.71

### 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	£10.58	€ 11.96
12VLOWCOIL	12VDC COILS TO SUIT ZZ003468 & ZZ003834 USED ON LET DOWN VALVE	£10.58	€ 11.96

### 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 separate 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	£53.12	€ 60.03



## CETOP 3 NG6 1 STATION MANIFOLD

www.flowfitonline.com  
TECH. DATA SHEET  
**PPU7**



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	£17.70	€ 20.00

## PLASTIC LITRE TANK

www.flowfitonline.com  
TECH. DATA SHEET  
**PPU7**



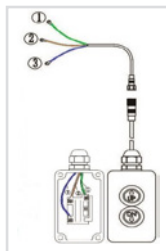
8.0 Litre horizontal plastic tank for increased capacity of larger hydraulic systems.

Comes with Filler Breather (with Dip Stick), blank plug and Jubilee Clip.

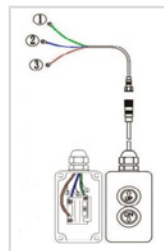
PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
PT-145-03	PLASTIC TANK 4.5L C/W RED PLUG AND BREATHER	£11.36	€ 12.84
PT-180-03	PLASTIC TANK 8L C/W RED PLUG AND BREATHER	£23.89	€ 26.99
PT-120-04	PLASTIC TANK 11L C/W RED PLUG AND BREATHER	£32.81	€ 37.08
PT-120-05	PLASTIC TANK 13L C/W RED PLUG AND BREATHER	£36.41	€ 41.15

## 2 BUTTON SINGLE ACTING 3 WIRE PENDANT

www.flowfitonline.com  
TECH. DATA SHEET  
**PPU7**



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.



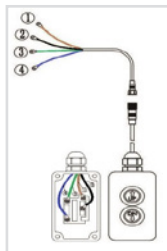
Wiring diagram for Single Acting power pack with remote option.

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
PENDSA	3 WIRE SINGLE ACTING PENDANT WITH 4 METRE CABLE DETACHABLE	£20.65	€ 23.34



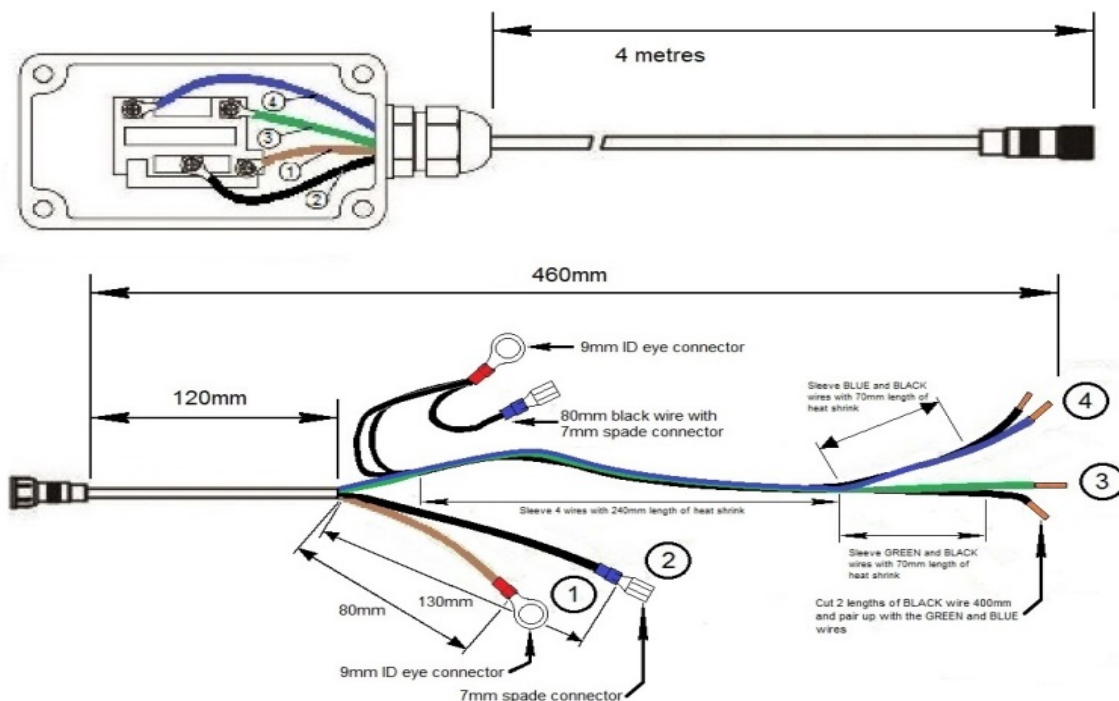
## 2 BUTTON DOUBLE ACTING 4 WIRE PENDANT

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.

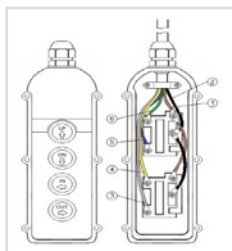
Comes with 4 metres of detachable 4 wire cable for added security.



PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
PENDDA	4 WIRE DOUBLE ACTING PENDANT WITH 4 METRE CABLE DETACHABLE	£28.02	€ 31.67

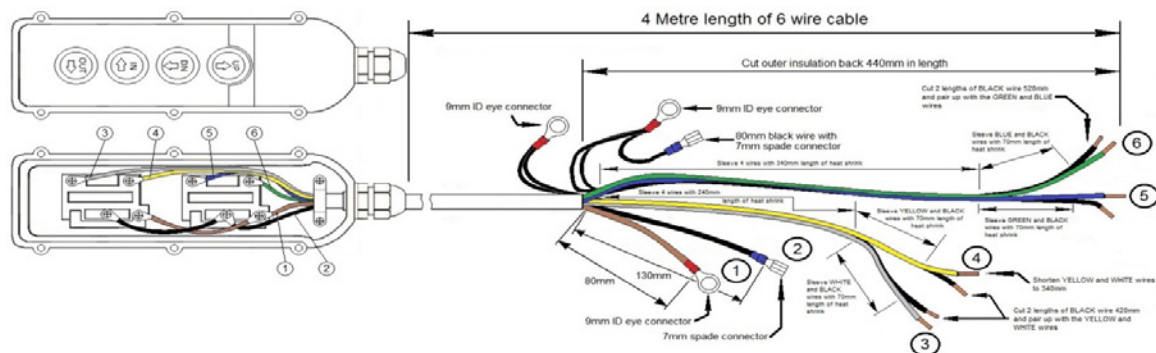
## 4 BUTTON DOUBLE ACTING 6 WIRE PENDANT

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	£36.88	€ 41.67

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
LABEL: YELLOW WARNING	YELLOW WARNING LABEL TO SUIT SINGLE ACTING POWERPACKS	£1.33	€ 1.51
LABELS: ZZ003468	FLOWFIT LABEL TO SUIT ZZ003468	£1.33	€ 1.51
LABELS: ZZ003820	FLOWFIT LABEL TO SUIT ZZ003820	£1.33	€ 1.51
LABELS: ZZ003834	FLOWFIT LABEL TO SUIT ZZ003834	£1.33	€ 1.51
LABELS: ZZ003835	FLOWFIT LABEL TO SUIT ZZ003835	£1.33	€ 1.51

## EXTRA FLEXIBLE BATTERY CABLE

Positive and Negative,  
Extra Flexible Battery Cables,  
35mm Diameter, 10mm Terminals.

General Characteristics:

The cable is resistant to petrol,  
lubricating oils, dilute acids and  
chemicals. It is flame retardant  
and abrasion resistant.

**NEW  
PRODUCT**



PRODUCT REFERENCE	CURRENT	LENGTH	NETT. PRICE	
			£ STERLING	€ EUROS
1MTR-FP35-POS-NEG-CABLE	Positive & Negative	1 Metre	£47.28	€ 53.43
1.5M-FP35-POS-NEG-CABLE	Positive & Negative	1.5 Metre	£53.46	€ 60.40
2MTR-FP35-POS-NEG-CABLE	Positive & Negative	2 Metre	£60.27	€ 68.11
2.5M-FP35-POS-NEG-CABLE	Positive & Negative	2.5 Metre	£71.76	€ 81.09
3MTR-FP35-POS-NEG-CABLE	Positive & Negative	3 Metre	£73.92	€ 83.53
3.5M-FP35-POS-NEG-CABLE	Positive & Negative	3.5 Metre	£80.76	€ 91.25
4MTR-FP35-POS-NEG-CABLE	Positive & Negative	4 Metre	£87.57	€ 98.95
4.5M-FP35-POS-NEG-CABLE	Positive & Negative	4.5 Metre	£94.41	€ 106.68
1-MTR-FP35-POSITIVE	Positive	1 Metre	£25.12	€ 28.38
1.5-MTR-FP35-POSITIVE	Positive	1.5 Metre	£28.79	€ 32.53
2-MTR-FP35-POSITIVE	Positive	2 Metre	£32.47	€ 36.69
2.5-MTR-FP35-POSITIVE	Positive	2.5 Metre	£36.14	€ 40.84
3-MTR-FP35-POSITIVE	Positive	3 Metre	£39.82	€ 44.99
3.5-MTR-FP35-POSITIVE	Positive	3.5 Metre	£44.02	€ 49.74
4-MTR-FP35-POSITIVE	Positive	4 Metre	£47.17	€ 53.30
4.5-MTR-FP35-POSITIVE	Positive	4.5 Metre	£50.84	€ 57.45
1-MTR-FP35-NEGATIVE	Negative	1 Metre	£25.12	€ 28.38
1.5-MTR-FP35-NEGATIVE	Negative	1.5 Metre	£28.79	€ 32.53
2-MTR-FP35-NEGATIVE	Negative	2 Metre	£32.47	€ 36.69
2.5-MTR-FP35-NEGATIVE	Negative	2.5 Metre	£36.14	€ 40.84
3-MTR-FP35-NEGATIVE	Negative	3 Metre	£39.82	€ 44.99
3.5-MTR-FP35-NEGATIVE	Negative	3.5 Metre	£44.02	€ 49.74
4-MTR-FP35-NEGATIVE	Negative	4 Metre	£47.17	€ 53.30
4.5-MTR-FP35-NEGATIVE	Negative	4.5 Metre	£50.84	€ 57.45

## FLOWFIT MOBILE ENGINE DRIVEN HYDRAULIC POWER UNITS ON WHEELS

### FLOWFIT MOBILE ENGINE DRIVEN HYDRAULIC POWER UNITS

www.flowfitonline.com  
TECH. DATA SHEET  
**PPPU9**

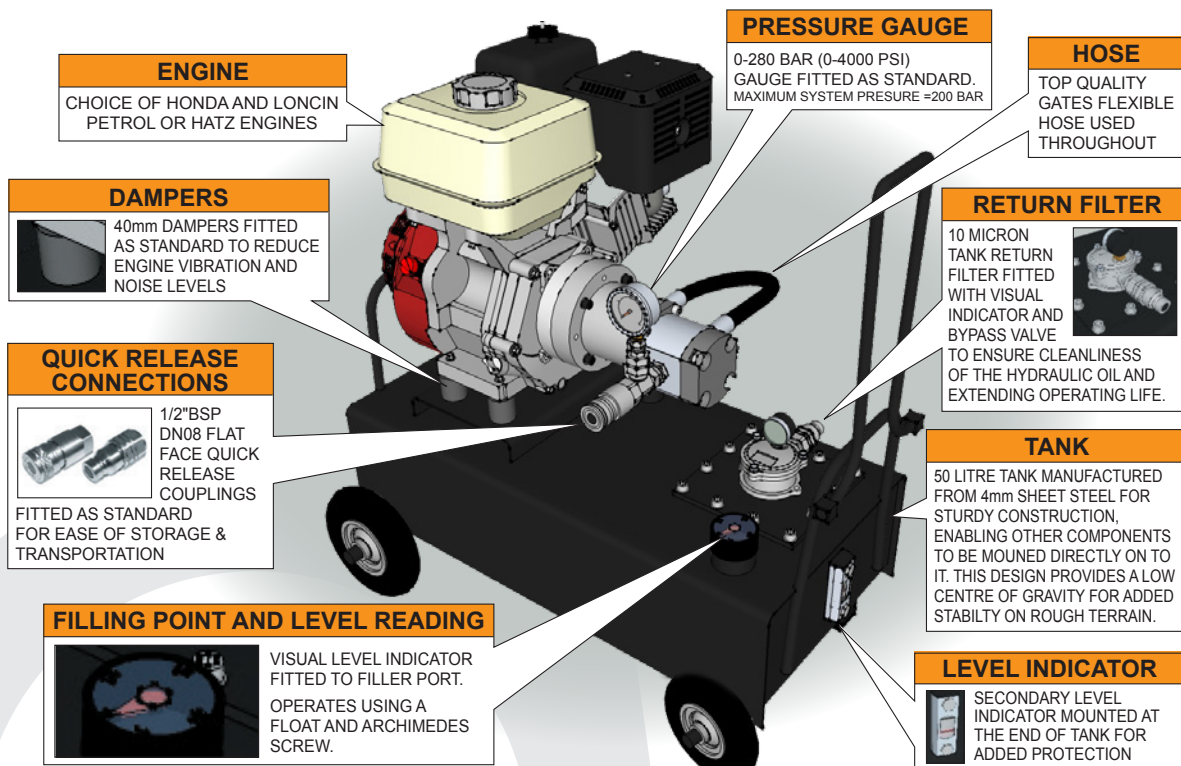


The Flowfit Range of Petrol Engine Driven Hydraulic Power Units on wheels is based on the Honda GX160 5.5 HP, Honda GX270 9.5 HP and the Honda GX390 13 HP range of engines we do have larger Honda sizes up to 25HP GX630 upon request.

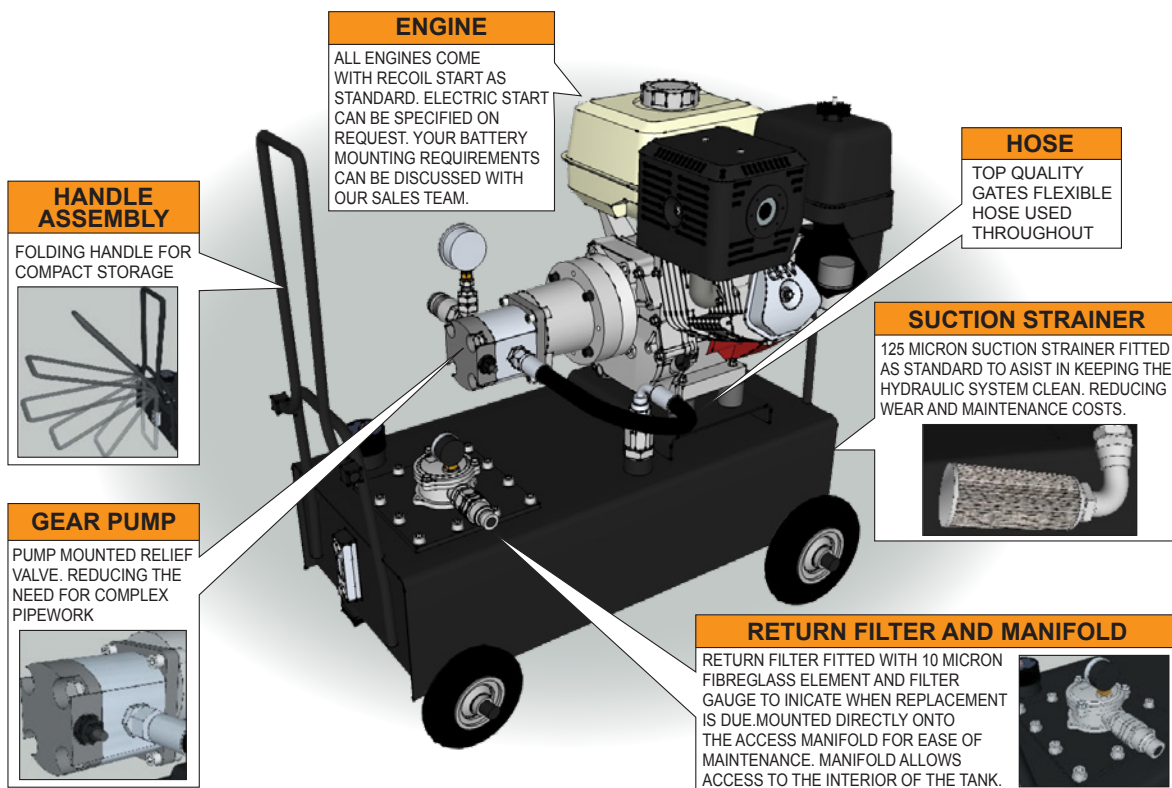
Commercial Self Contained Portable Hydraulic Power Units are designed for heavy duty farm, marine and other commercial applications. Our HPU's replace farm tractor, truck and other hydraulic power supplies. Use with grain augers, mixers, lifts and other hydraulic applications with pressure available 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.

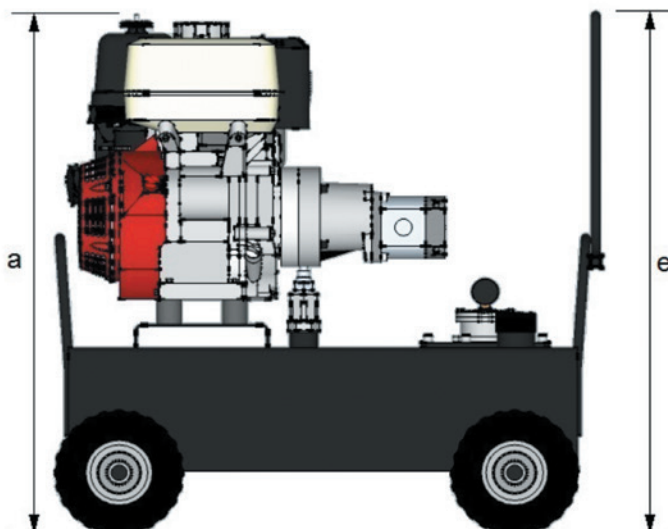
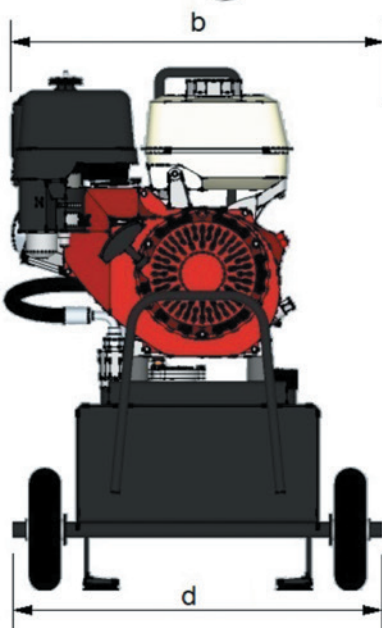
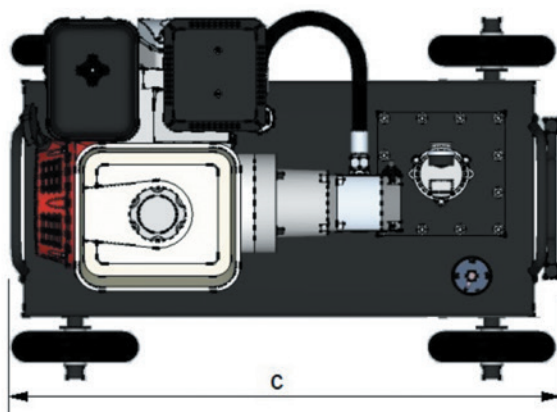
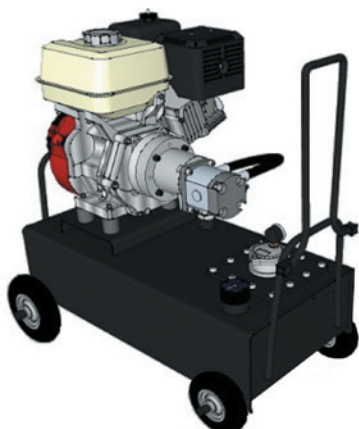


# PETROL ENGINE DRIVEN HYDRAULIC POWER UNITS



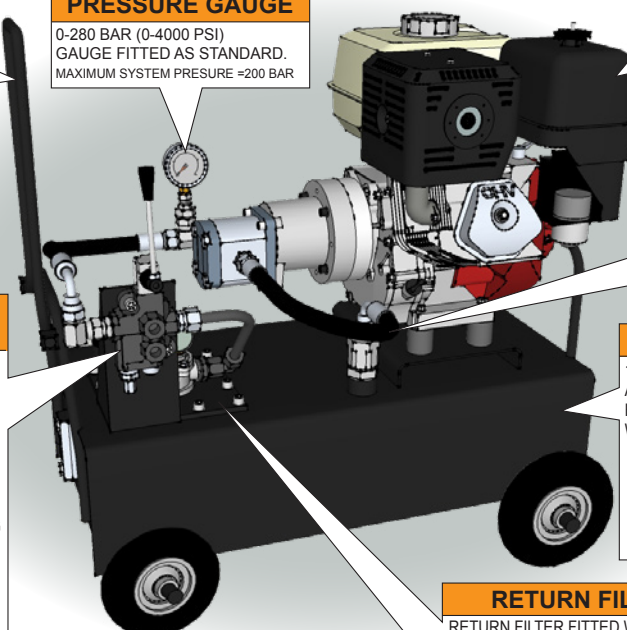
## PRESSURE & TANK CIRCUIT

PRODUCT REFERENCE	ENGINE	FUEL TYPE	HORSE POWER	FLOW RATE	RESERVOIR SIZE	NETT. PRICE	
						£ STERLING	€ EUROS
ZZ003802	Honda GX160FQ	Petrol	5.5HP	10.5 L/min	50 Litres	£1,858.53	€ 2,100.14
ZZ003801	Honda GX270FQ	Petrol	9HP	19.5 L/min	50 Litres	£2,421.95	€ 2,736.80
ZZ003799	Honda GX390FQ	Petrol	13HP	25.5 L/min	50 Litres	£2,714.22	€ 3,067.07
ZZ010354	Honda GX390FQ	Petrol	13HP	24 L/min	100 Litres	£3,075.63	€ 3,475.46
ZZ003804	Loncin G160F-P	Petrol	5.5HP	10.5 L/min	50 Litres	£1,554.02	€ 1,756.04
ZZ003803	Loncin G270F-P	Petrol	9HP	19.5 L/min	50 Litres	£1,842.58	€ 2,082.12
ZZ003800	Loncin G390F-P	Petrol	13HP	25.5 L/min	50 Litres	£2,110.74	€ 2,385.14




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**

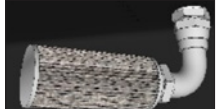
THE HDM140 DOUBLE ACTING 3 POSITION SPOOL VALVE IS 3/8" BSP PORTED AND PROVIDE A MAXIMUM FLOW RATE OF 40 L/ MIN WITH SPRING RETURN TO NEUTRAL.

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 ASSIST 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.

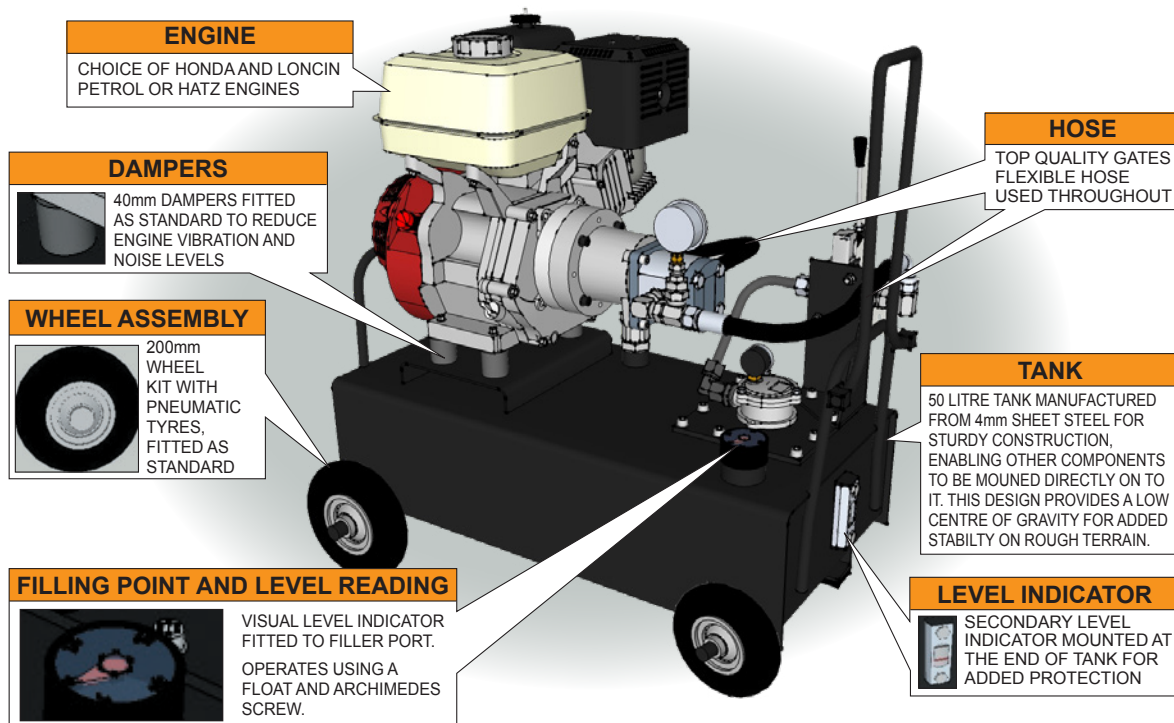


**DOUBLE ACTING MANUAL LEVER VALVE CIRCUIT**

PRODUCT REFERENCE	ENGINE	FUEL TYPE	HORSE POWER	FLOW RATE	RESERVOIR SIZE	NETT. PRICE	
						£ STERLING	€ EUROS
ZZ004424	Honda GX160FQ	Petrol	5.5HP	10.5 L/min	50 Litres	£2,056.75	€ 2,324.13
ZZ004423	Honda GX270FQ	Petrol	9HP	19.5 L/min	50 Litres	£2,628.48	€ 2,970.18
ZZ004422	Honda GX390FQ	Petrol	13HP	25.5 L/min	50 Litres	£2,942.64	€ 3,325.18
ZZ010351	Honda GX390FQ	Petrol	13HP	24 L/min	100 Litres	£3,122.33	€ 3,528.24
ZZ004427	Loncin G160F-P	Petrol	5.5HP	10.5 L/min	50 Litres	£1,680.62	€ 1,899.10
ZZ004426	Loncin G270F-P	Petrol	9HP	19.5 L/min	50 Litres	£2,044.35	€ 2,310.12
ZZ004425	Loncin G390F-P	Petrol	13HP	25.5 L/min	50 Litres	£2,320.48	€ 2,622.14



## DIESEL ENGINE DRIVEN HYDRAULIC POWER UNITS



### PRESSURE & TANK CIRCUIT

FLOWFIT DIESEL ENGINE DRIVEN HYDRAULIC POWER UNITS						
PRODUCT REFERENCE	ENGINE	FUEL TYPE	HORSE POWER	FLOW RATE	RESERVOIR SIZE	NETT. PRICE
						£ STERLING € EUROS
ZZ010353	Loncin D350FD	Diesel	6.5HP	10.5 L/min	50 Litres	£2,373.39 € 2,681.93
ZZ010350	Loncin D440FD	Diesel	9HP	17 L/min	100 Litres	£3,466.26 € 3,916.87

### DOUBLE ACTING MANUAL LEVER VALVE CIRCUIT

FLOWFIT DIESEL ENGINE DRIVEN HYDRAULIC POWER UNITS						
PRODUCT REFERENCE	ENGINE	FUEL TYPE	HORSE POWER	FLOW RATE	RESERVOIR SIZE	NETT. PRICE
						£ STERLING € EUROS
ZZ010352	Loncin D350FD	Diesel	6.5HP	10.5 L/min	50 Litres	£2,415.80 € 2,729.85
ZZ010349	Loncin D440FD	Diesel	9HP	17 L/min	100 Litres	£3,492.72 € 3,946.77

# HYDRAULIC POWER UNITS

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**QUALITY PRODUCTS**



**FREE ADVICE**

**FLOWFIT®  
FREE SYSTEM  
EVALUATION**  
Send us your  
requirements  
and we will  
do the rest

## AC POWER UNITS

A full range of Flowfit power units built to order and held in stock at our warehouse ready for you to collect, all unit available in DC and AC combinations.

These units feature a high degree of accuracy and have a wide application range. Flowfit power units are designed according to 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 units are:

- Manifold block with cavities for various types of valves
- A very quiet, high efficiency gear pump
- An electric motor (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

### Features:

Oil Port Thread: 1/4" or 3/8" BSP

Motor: 110V / 220V / 240V / 380V / 415V AC

50/60Hz up to 7.5KW

Gear Pump: From 0.75 CC to 8.0 CC

Working Pressure: 40 Bar up to 250 Bar, Normal setting 180 Bar

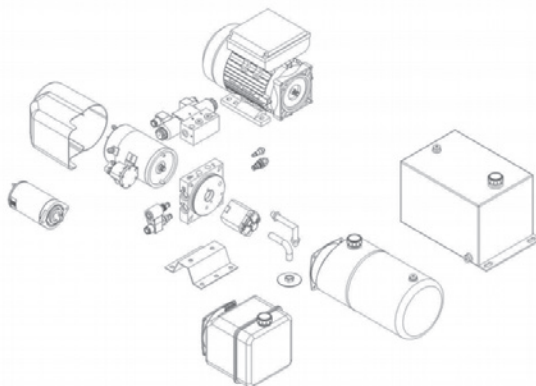
Tank/Reservoir: From 1.5 Litres – 100 Litres

Mounting: Horizontal or Vertical

### Applications:

- Car lifters
- Lift trucks
- Scissor lifts
- Medical equipment
- Tail lift applications
- Lifting platforms
- Equipment for disabled needs
- Automation: opening/closing of swing doors, tailgates, safety locking systems, etc

### Typical Layout of an AC Power Unit:



## AC PRESSURE & TANK CIRCUIT



### 110V AC PRESSURE & TANK CIRCUIT SINGLE PHASE 50HZ

PRODUCT REFERENCE	KW	FLOW L/MIN	MAX PRESS. (BAR)	RESERVOIR SIZE LITRE	GEAR PUMP	NETT PRICE	
						£ STERLING	€ EUROS
PP110-0.55-0.75/4V/HTPT	0.55KW	1.08 L/min	200	4 Litre Horizontal/ Vertical Plastic Tank	0.75cc	£313.77	€ 354.56
PP110-0.55-0.75/5HTPT	0.55KW	1.08 L/min	200	5 Litre Horizontal Steel Tank	0.75cc	£284.45	€ 321.42
PP110-0.75-1.1/4V/HTPT	0.75KW	1.58 L/min	230	4 Litre Horizontal/ Vertical Plastic Tank	1.1cc	£389.18	€ 439.78
PP110-0.75-1.1/5HTPT	0.75KW	1.58 L/min	230	5 Litre Horizontal Steel Tank	1.1cc	£347.29	€ 392.43
PP110-1.1-1.7/4V/HTPT	1.1KW	2.38 L/min	210	4 Litre Horizontal/ Vertical Plastic Tank	1.7cc	£461.95	€ 522.00
PP110-1.1-1.7/5HTPT	1.1KW	2.38 L/min	210	5 Litre Horizontal Steel Tank	1.7cc	£407.93	€ 460.96
PP110-1.5-2.1/7V/HTPT	1.5KW	3.02 L/min	230	7 Litre Horizontal/ Vertical Plastic Tank	2.1cc	£529.42	€ 598.25
PP110-1.5-2.1/8HTPT	1.5KW	3.02 L/min	230	8 Litre Horizontal Steel Tank	2.1cc	£464.15	€ 524.49
PP110-2.2-3.7/11V/HTPT	2.2KW	5.32 L/min	210	10 Litre Horizontal/ Vertical Plastic Tank	3.7cc	£692.15	€ 782.13
PP110-2.2-3.7/10HTPT	2.2KW	5.32 L/min	210	10 Litre Horizontal Steel Tank	3.7cc	£599.76	€ 677.73
PP110-3.4-8/11V/HTPT	3KW	6.91 L/min	190	11 Litre Horizontal/ Vertical Plastic Tank	4.8cc	£689.50	€ 779.14
PP110-3.4-8/12HTPT	3KW	6.91 L/min	190	12 Litre Horizontal Steel Tank	4.8cc	£597.56	€ 675.24

**NEW  
PRODUCT**



## 240V AC PRESSURE & TANK CIRCUIT SINGLE PHASE 50HZ

PRODUCT REFERENCE	KW	FLOW L/MIN	MAX PRESS. (BAR)	RESERVOIR SIZE LITRE	GEAR PUMP	NETT PRICE	
						£ STERLING	€ EUROS
PP240-0.55-0.75/4V/HTPT	0.55KW	1.08 L/min	200	4 Litre Horizontal/Vertical Plastic Tank	0.75cc	£287.31	€ 324.66
PP240-0.55-0.75/5HTPT	0.55KW	1.08 L/min	200	5 Litre Horizontal Steel Tank	0.75cc	£262.40	€ 296.51
PP240-0.75-1.1/4V/HTPT	0.75KW	1.58 L/min	230	4 Litre Horizontal/Vertical Plastic Tank	1.1cc	£304.51	€ 344.10
PP240-0.75-1.1/5HTPT	0.75KW	1.58 L/min	230	5 Litre Horizontal Steel Tank	1.1cc	£276.73	€ 312.70
PP240-1.5-2.1/7V/HTPT	1.5KW	3.02 L/min	230	7 Litre Horizontal/Vertical Plastic Tank	2.1cc	£419.61	€ 474.16
PP240-1.5-2.1/8HTPT	1.5KW	3.02 L/min	230	8 Litre Horizontal Steel Tank	2.1cc	£372.65	€ 421.09
PP240-2.2-3.7/10HTPT	2.2KW	5.32 L/min	210	10 Litre Horizontal/Vertical Plastic Tank	3.7cc	£533.61	€ 602.98
PP240-2.2-3.7/11V/HTPT	2.2KW	5.32 L/min	210	10 Litre Horizontal Steel Tank	3.7cc	£612.77	€ 692.43
PP240-3-4-8/11V/HTPT	3KW	6.91 L/min	190	11 Litre Horizontal/Vertical Plastic Tank	4.8cc	£590.28	€ 667.01
PP240-3-4-8/12HTPT	3KW	6.91 L/min	190	12 Litre Horizontal Steel Tank	4.8cc	£514.87	€ 581.80

**NEW  
PRODUCT**



## 415V AC PRESSURE & TANK CIRCUIT 3 PHASE 50HZ

PRODUCT REFERENCE	KW	FLOW L/MIN	MAX PRESS. (BAR)	RESERVOIR SIZE LITRE	GEAR PUMP	NETT PRICE	
						£ STERLING	€ EUROS
PP415-0.55-0.75/4V/HTPT	0.55KW	1.08 L/min	200	4 Litre Horizontal/Vertical Plastic Tank	0.75cc	£243.65	€ 275.33
PP415-0.55-0.75/5HTPT	0.55KW	1.08 L/min	200	5 Litre Horizontal Steel Tank	0.75cc	£226.01	€ 255.39
PP415-0.75-1.1/4V/HTPT	0.75KW	1.58 L/min	230	4 Litre Horizontal/Vertical Plastic Tank	1.1cc	£233.07	€ 263.37
PP415-0.75-1.1/5HTPT	0.75KW	1.58 L/min	230	5 Litre Horizontal Steel Tank	1.1cc	£217.19	€ 245.43
PP415-1.5-2.1/7V/HTPT	1.5KW	3.02 L/min	230	7 Litre Horizontal/Vertical Plastic Tank	2.1cc	£316.42	€ 357.55
PP415-1.5-2.1/8HTPT	1.5KW	3.02 L/min	230	8 Litre Horizontal Steel Tank	2.1cc	£286.65	€ 323.91
PP415-2.2-3.7/10HTPT	2.2KW	5.32 L/min	210	10 Litre Horizontal/Vertical Plastic Tank	3.7cc	£420.05	€ 474.66
PP415-2.2-3.7/11V/HTPT	2.2KW	5.32 L/min	210	10 Litre Horizontal Steel Tank	3.7cc	£476.50	€ 538.45
PP415-3-4-8/11V/HTPT	3KW	6.91 L/min	190	11 Litre Horizontal/Vertical Plastic Tank	4.8cc	£409.03	€ 462.20
PP415-3-4-8/12HTPT	3KW	6.91 L/min	190	12 Litre Horizontal Steel Tank	4.8cc	£363.83	€ 411.12
PP415-4-8-0/15VTPT	4KW	11.52 L/min	160	15 Litre Vertical Steel Tank	8.0cc	£446.51	€ 504.56
PP415-4-8-0/18V/HTPT	4KW	11.52 L/min	160	18 Litre Horizontal/Vertical Plastic Tank	8.0cc	£508.25	€ 574.33
PP415-5-5-4-8/18V/HTPT	5.5KW	14.02 L/min	190	18 Litre Horizontal/Vertical Plastic Tank	4.8cc	£490.61	€ 554.39
PP415-5-5-4-8/20VTPT	5.5KW	14.02 L/min	190	20 Litre Vertical Steel Tank	4.8cc	£518.18	€ 585.54

**NEW  
PRODUCT**

## AC SINGLE ACTING



### 110V AC SINGLE ACTING SINGLE PHASE 50HZ

PRODUCT REFERENCE	KW	FLOW L/MIN	MAX PRESS. (BAR)	RESERVOIR SIZE LITRE	GEAR PUMP	NETT PRICE	
						£ STERLING	€ EUROS
PP110-0.55-0.75/4V/HTSAS	0.55KW	1.08 L/min	200	4 Litre Horizontal/ Vertical Plastic Tank	0.75cc	£356.11	€ 402.40
PP110-0.55-0.75/5HTSAS	0.55KW	1.08 L/min	200	5 Litre Horizontal Steel Tank	0.75cc	£319.73	€ 361.29
PP110-0.75-1.1/4V/HTSAS	0.75KW	1.58 L/min	230	4 Litre Horizontal/ Vertical Plastic Tank	1.1cc	£434.16	€ 490.61
PP110-0.75-1.1/5HTSAS	0.75KW	1.58 L/min	230	5 Litre Horizontal Steel Tank	1.1cc	£384.77	€ 434.79
PP110-1.1-1.7/4V/HTSAS	1.1KW	2.38 L/min	210	4 Litre Horizontal/ Vertical Plastic Tank	1.7cc	£504.28	€ 569.84
PP110-1.1-1.7/5HTSAS	1.1KW	2.38 L/min	210	5 Litre Horizontal Steel Tank	1.7cc	£443.21	€ 500.82
PP110-1.5-2.1/7V/HTSAS	1.5KW	3.02 L/min	230	7 Litre Horizontal/ Vertical Plastic Tank	2.1cc	£573.08	€ 647.58
PP110-1.5-2.1/8HTSAS	1.5KW	3.02 L/min	230	8 Litre Horizontal Steel Tank	2.1cc	£500.54	€ 565.60
PP110-2.2-3.7/10HTSAS	2.2KW	5.32 L/min	210	10 Litre Horizontal Steel Tank	3.7cc	£721.04	€ 814.77
PP110-2.2-3.7/11V/HTSAS	2.2KW	5.32 L/min	210	11 Litre Horizontal/ Vertical Plastic Tank	3.7cc	£837.68	€ 946.58
PP110-3-4-8/11V/HTSAS	3KW	6.91 L/min	190	11 Litre Horizontal/ Vertical Plastic Tank	4.8cc	£734.49	€ 829.97
PP110-3-4-8/12HTSAS	3KW	6.91 L/min	190	12 Litre Horizontal Steel Tank	4.8cc	£635.04	€ 717.60

### 240V AC SINGLE ACTING SINGLE PHASE 50HZ

PRODUCT REFERENCE	KW	FLOW L/MIN	MAX PRESS. (BAR)	RESERVOIR SIZE LITRE	GEAR PUMP	NETT PRICE	
						£ STERLING	€ EUROS
PP240-0.55-0.75/4V/HTSAS	0.55KW	1.08 L/min	200	4 Litre Horizontal/ Vertical Plastic Tank	0.75cc	£323.03	€ 365.03
PP240-0.55-0.75/5HTSAS	0.55KW	1.08 L/min	200	5 Litre Horizontal Steel Tank	0.75cc	£292.16	€ 330.14
PP240-0.55-1.6/10HTSAS	0.55KW	2.3 L/min	100	10 Litre Horizontal Steel Tank	1.6cc	£384.77	€ 434.79
PP240-0.55-1.6/11V/HTSAS	0.55KW	2.3 L/min	100	11 Litre Horizontal/ Vertical Plastic Tank	1.6cc	£434.16	€ 490.61
PP240-0.75-1.1/4V/HTSAS	0.75KW	1.58 L/min	230	4 Litre Horizontal/ Vertical Plastic Tank	1.1cc	£342.88	€ 387.45
PP240-0.75-1.1/5HTSAS	0.75KW	1.58 L/min	230	5 Litre Horizontal Steel Tank	1.1cc	£308.70	€ 348.83
PP240-1.1-1.7/4V/HTSAS	1.1KW	2.38 L/min	210	4 Litre Horizontal/ Vertical Plastic Tank	1.7cc	£401.09	€ 453.23
PP240-1.1-1.7/5HTSAS	1.1KW	2.38 L/min	210	5 Litre Horizontal Steel Tank	1.7cc	£357.21	€ 403.65
PP240-1.5-2.1/7V/HTSAS	1.5KW	3.02 L/min	230	7 Litre Horizontal/ Vertical Plastic Tank	2.1cc	£457.98	€ 517.52
PP240-1.5-2.1/8HTSAS	1.5KW	3.02 L/min	230	8 Litre Horizontal Steel Tank	2.1cc	£404.62	€ 457.22
PP240-2.2-3.7/10HTSAS	2.2KW	5.32 L/min	210	10 Litre Horizontal Steel Tank	3.7cc	£565.58	€ 639.11
PP240-2.2-3.7/11V/HTSAS	2.2KW	5.32 L/min	210	11 Litre Horizontal/ Vertical Plastic Tank	3.7cc	£651.14	€ 735.78
PP240-3-4-8/11V/HTSAS	3KW	6.91 L/min	190	11 Litre Horizontal/ Vertical Plastic Tank	4.8cc	£628.65	€ 710.37
PP240-3-4-8/12HTSAS	3KW	6.91 L/min	190	12 Litre Horizontal Steel Tank	4.8cc	£546.84	€ 617.93



### 415V AC SINGLE ACTING 3 PHASE 50HZ

PRODUCT REFERENCE	KW	FLOW L/MIN	MAX PRESS. (BAR)	RESERVOIR SIZE LITRE	GEAR PUMP	NETT PRICE	
						£ STERLING	€ EUROS
PP415-0.55-0.75/4V/HTSAS	0.55KW	1.08 L/min	200	4 Litre Horizontal/ Vertical Plastic Tank	0.75cc	£268.79	€ 303.73
PP415-0.55-0.75/5HTSAS	0.55KW	1.08 L/min	200	5 Litre Horizontal Steel Tank	0.75cc	£246.96	€ 279.06
PP415-0.75-1.1/4V/HTSAS	0.75KW	1.58 L/min	230	4 Litre Horizontal/ Vertical Plastic Tank	1.1cc	£278.05	€ 314.20
PP415-0.75-1.1/5HTSAS	0.75KW	1.58 L/min	230	5 Litre Horizontal Steel Tank	1.1cc	£254.68	€ 287.79
PP415-1.5-2.1/7V/HTSAS	1.5KW	3.02 L/min	230	7 Litre Horizontal/ Vertical Plastic Tank	2.1cc	£361.40	€ 408.38
PP415-1.5-2.1/8HTSAS	1.5KW	3.02 L/min	230	8 Litre Horizontal Steel Tank	2.1cc	£324.14	€ 366.27
PP415-2.2-3.7/10HTSAS	2.2KW	5.32 L/min	210	10 Litre Horizontal Steel Tank	3.7cc	£392.49	€ 443.51
PP415-2.2-3.7/11V/HTSAS	2.2KW	5.32 L/min	210	11 Litre Horizontal/Vertical Plastic Tank	3.7cc	£443.43	€ 501.07
PP415-3-4.8/11V/HTSAS	3KW	6.91 L/min	190	11 Litre Horizontal/Vertical Plastic Tank	4.8cc	£460.62	€ 520.51
PP415-3-4.8/12HTSAS	3KW	6.91 L/min	190	12 Litre Horizontal Steel Tank	4.8cc	£406.82	€ 459.71
PP415-4-3.7/18V/HTSAS	4KW	10.9 L/min	190	18 Litre Horizontal/Vertical Plastic Tank	3.7cc	£497.67	€ 562.37
PP415-4-3.7/20VTSAS	4KW	10.9 L/min	190	20 Litre Vertical Steel Tank	3.7cc	£437.69	€ 494.59
PP415-5.5-4.8/18V/HTSAS	5.5KW	14.02 L/min	190	18 Litre Horizontal/Vertical Plastic Tank	4.8cc	£537.36	€ 607.22
PP415-5.5-4.8/20VTSAS	5.5KW	14.02 L/min	190	20 Litre Vertical Steel Tank	4.8cc	£470.77	€ 531.97

**NEW  
PRODUCT**



## AC DOUBLE ACTING



### 110V AC DOUBLE ACTING SINGLE PHASE 50HZ

PRODUCT REFERENCE	KW	FLOW L/MIN	MAX PRESS. (BAR)	RESERVOIR SIZE LITRE	GEAR PUMP	NETT PRICE	
						£ STERLING	€ EUROS
PP110-0.55-0.75/4V/HTDAS	0.55KW	1.08 L/min	200	4 Litre Horizontal/ Vertical Plastic Tank	0.75cc	£382.57	€ 432.30
PP110-0.55-0.75/5HTDAS	0.55KW	1.08 L/min	200	5 Litre Horizontal Steel Tank	0.75cc	£341.78	€ 386.21
PP110-0.75-1.1/4V/HTDAS	0.75KW	1.58 L/min	230	4 Litre Horizontal/ Vertical Plastic Tank	1.1cc	£444.75	€ 502.57
PP110-0.75-1.1/5HTDAS	0.75KW	1.58 L/min	230	5 Litre Horizontal Steel Tank	1.1cc	£393.59	€ 444.76
PP110-1.1-1.7/4V/HTDAS	1.1KW	2.38 L/min	210	4 Litre Horizontal/ Vertical Plastic Tank	1.7cc	£530.74	€ 599.74
PP110-1.1-1.7/5HTDAS	1.1KW	2.38 L/min	210	5 Litre Horizontal Steel Tank	1.7cc	£465.26	€ 525.74
PP110-1.5-2.1/7V/HTDAS	1.5KW	3.02 L/min	230	7 Litre Horizontal/ Vertical Plastic Tank	2.1cc	£584.99	€ 661.03
PP110-1.5-2.1/8HTDAS	1.5KW	3.02 L/min	230	8 Litre Horizontal Steel Tank	2.1cc	£510.46	€ 576.82
PP110-2.2-3.7/10HTDAS	2.2KW	5.32 L/min	210	10 Litre Horizontal Steel Tank	3.7cc	£655.99	€ 741.27
PP110-2.2-3.7/11V/HTDAS	2.2KW	5.32 L/min	210	11 Litre Horizontal/Vertical Plastic Tank	3.7cc	£759.62	€ 858.37
PP110-3-4.8/11V/HTDAS	3KW	6.91 L/min	190	11 Litre Horizontal/Vertical Plastic Tank	4.8cc	£746.39	€ 843.42
PP110-3-4.8/12HTDAS	3KW	6.91 L/min	190	12 Litre Horizontal Steel Tank	4.8cc	£644.96	€ 728.81

NEW  
PRODUCT



### 240V AC DOUBLE ACTING SINGLE PHASE 50HZ

PRODUCT REFERENCE	KW	FLOW L/MIN	MAX PRESS. (BAR)	RESERVOIR SIZE LITRE	GEAR PUMP	NETT PRICE	
						£ STERLING	€ EUROS
PP240-0.55-0.75/4V/HTDAS	0.55KW	1.08 L/min	200	4 Litre Horizontal/ Vertical Plastic Tank	0.75cc	£356.11	€ 402.40
PP240-0.55-0.75/5HTDAS	0.55KW	1.08 L/min	200	5 Litre Horizontal Steel Tank	0.75cc	£319.73	€ 361.29
PP240-0.75-1.1/4V/HTDAS	0.75KW	1.58 L/min	230	4 Litre Horizontal/ Vertical Plastic Tank	1.1cc	£361.40	€ 408.38
PP240-0.75-1.1/5HTDAS	0.75KW	1.58 L/min	230	5 Litre Horizontal Steel Tank	1.1cc	£324.14	€ 366.27
PP240-1.1-1.7/4V/HTDAS	1.1KW	2.38 L/min	210	4 Litre Horizontal/ Vertical Plastic Tank	1.7cc	£434.16	€ 490.61
PP240-1.1-1.7/5HTDAS	1.1KW	2.38 L/min	210	5 Litre Horizontal Steel Tank	1.7cc	£384.77	€ 434.79
PP240-1.5-2.1/7V/HTDAS	1.5KW	3.02 L/min	230	7 Litre Horizontal/ Vertical Plastic Tank	2.1cc	£489.73	€ 553.40
PP240-1.5-2.1/8HTDAS	1.5KW	3.02 L/min	230	8 Litre Horizontal Steel Tank	2.1cc	£431.08	€ 487.12
PP240-2.2-3.7/10HTDAS	2.2KW	5.32 L/min	210	10 Litre Horizontal Steel Tank	3.7cc	£593.15	€ 670.25
PP240-2.2-3.7/11V/HTDAS	2.2KW	5.32 L/min	210	11 Litre Horizontal/Vertical Plastic Tank	3.7cc	£684.21	€ 773.16
PP240-3-4.8/11V/HTDAS	3KW	6.91 L/min	190	11 Litre Horizontal/Vertical Plastic Tank	4.8cc	£647.17	€ 731.30
PP240-3-4.8/12HTDAS	3KW	6.91 L/min	190	12 Litre Horizontal Steel Tank	4.8cc	£562.28	€ 635.37

NEW  
PRODUCT



### 415V AC DOUBLE ACTING 3 PHASE 50HZ

PRODUCT REFERENCE	KW	FLOW L/MIN	MAX PRESS. (BAR)	RESERVOIR SIZE LITRE	GEAR PUMP	NETT PRICE	
						£ STERLING	€ EUROS
PP415-0.55-0.75/4V/HTDAS	0.55KW	1.08 L/min	200	4 Litre Horizontal/Vertical Plastic Tank	0.75cc	£289.96	€ 327.65
PP415-0.55-0.75/5HTDAS	0.55KW	1.08 L/min	200	5 Litre Horizontal Steel Tank	0.75cc	£264.60	€ 299.00
PP415-0.75-1.1/4V/HTDAS	0.75KW	1.58 L/min	230	4 Litre Horizontal/Vertical Plastic Tank	1.1cc	£295.25	€ 333.63
PP415-0.75-1.1/5HTDAS	0.75KW	1.58 L/min	230	5 Litre Horizontal Steel Tank	1.1cc	£269.01	€ 303.98
PP415-1.5-2.1/7V/HTDAS	1.5KW	3.02 L/min	230	7 Litre Horizontal/Vertical Plastic Tank	2.1cc	£378.60	€ 427.82
PP415-1.5-2.1/8HTDAS	1.5KW	3.02 L/min	230	8 Litre Horizontal Steel Tank	2.1cc	£338.47	€ 382.47
PP415-2.2-3.7/10HTDAS	2.2KW	5.32 L/min	210	10 Litre Horizontal Steel Tank	3.7cc	£396.90	€ 448.50
PP415-2.2-3.7/11V/HTDAS	2.2KW	5.32 L/min	210	11 Litre Horizontal/Vertical Plastic Tank	3.7cc	£448.72	€ 507.05
PP415-3-4-8/11HVTAS	3KW	6.91 L/min	190	11 Litre Horizontal/Vertical Plastic Tank	4.8cc	£472.53	€ 533.96
PP415-3-4-8/12HTDAS	3KW	6.91 L/min	190	12 Litre Horizontal Steel Tank	4.8cc	£416.75	€ 470.92
PP415-4-3.7/18V/HTDAS	4KW	10.9 L/min	190	18 Litre Horizontal/Vertical Plastic Tank	3.7cc	£516.19	€ 583.30
PP415-4-3.7/20VTDAS	4KW	10.9 L/min	190	20 Litre Vertical Steel Tank	3.7cc	£453.13	€ 512.03
PP415-4-8.0/15VTDAS	4KW	11.52 L/min	160	15 Litre Vertical Steel Tank	8.0cc	£498.33	€ 563.11
PP415-4-8.0/18V/HTDAS	4KW	11.52 L/min	160	18 Litre Horizontal/Vertical Plastic Tank	8.0cc	£570.43	€ 644.59
PP415-5.5-4.8/18V/HTDAS	5.5KW	14.02 L/min	190	18 Litre Horizontal/Vertical Plastic Tank	4.8cc	£555.88	€ 628.14
PP415-5.5-4.8/20VTDAS	5.5KW	14.02 L/min	190	20 Litre Vertical Steel Tank	4.8cc	£486.20	€ 549.41

## 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

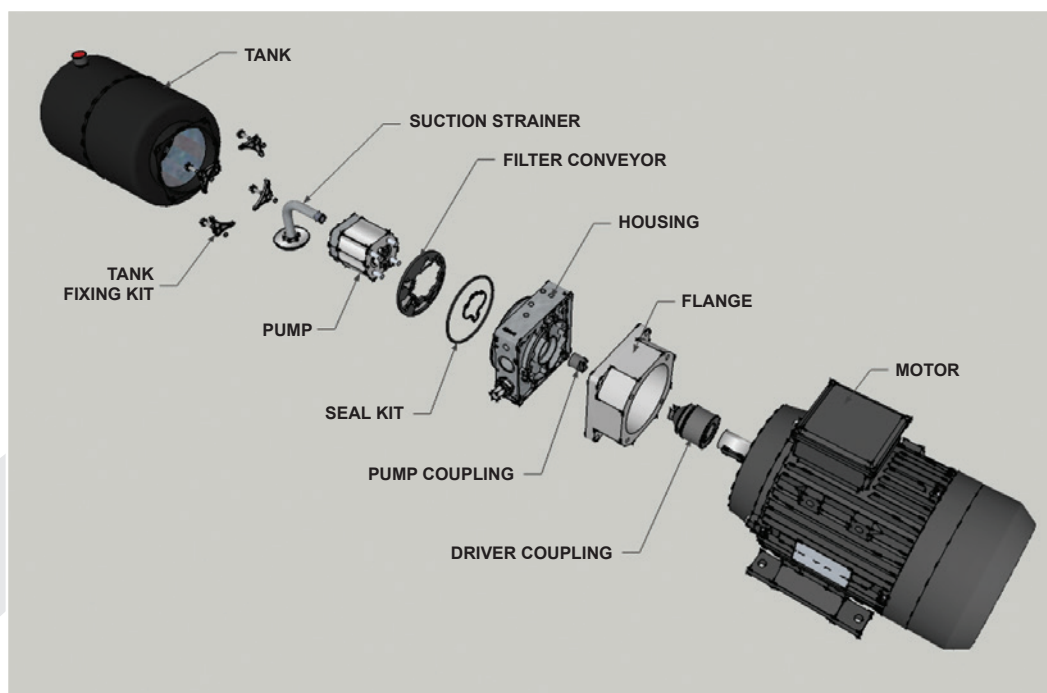
	UP50	UP100
cm <sup>3</sup> /rev	0.25 - 2.3	1.2 - 10.0
bar	230	230
kw	0.35 - 2.0	0.8 - 2.0
kw	0.40 - 2.5	1.2 - 3.0
kw	2.0	2.0
kw	0.12 - 0.75	0.25 - 4.0
litre	0.5 - 4.0	1.5 - 18.0



### Applications

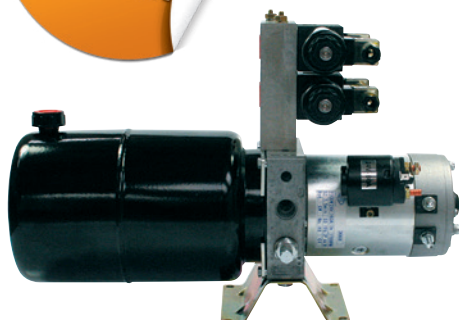
- Car lifters
- Lift trucks
- Scissor lifts
- Medical equipment
- Tailift applications
- Lifting platforms
- Equipments for disabled needs
- Automation: opening/closing of swing doors, tailgates, safety locking systems, etc.

## 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
- Tipper
- 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  
£401.03

www.flowfitonline.com  
TECH. DATA SHEET  
**PU1**

COSTING CODE	FLOW L/MIN	MAX P BAR	MOTOR SIZE KW	MOTOR TYPE	NETT. PRICE	
12VDC UNIT					£ STERLING	€ EUROS
12V12	3.7	200	1.7	12VDC	£608.03	€ 687.08
12V17	4.9	175	1.7	12VDC	£608.03	€ 687.08
12V25	5	150	1.7	12VDC	£608.03	€ 687.08
12V35	9.5	100	1.7	12VDC	£608.03	€ 687.08
12V43	12	75	1.7	12VDC	£608.03	€ 687.08
12V5	13	75	1.7	12VDC	£608.03	€ 687.08
12V65	17	50	1.7	12VDC	£608.03	€ 687.08
12V8	25	22	1.7	12VDC	£608.03	€ 687.08

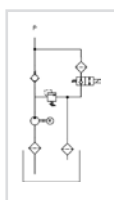
COSTING CODE	FLOW L/MIN	MAX P BAR	MOTOR SIZE KW	MOTOR TYPE	NETT. PRICE	
24VDC UNIT					£ STERLING	€ EUROS
24V12	3.5	200	2.2	24VDC	£625.57	€ 706.89
24V17	4.25	200	2.2	24VDC	£625.57	€ 706.89
24V25	6	200	2.2	24VDC	£625.57	€ 706.89
24V35	7.5	175	2.2	24VDC	£625.57	€ 706.89
24V43	8	150	2.2	24VDC	£625.57	€ 706.89
24V5	9	125	2.2	24VDC	£625.57	€ 706.89
24V65	12.5	100	2.2	24VDC	£625.57	€ 706.89
24V8	16	75	2.2	24VDC	£625.57	€ 706.89

COSTING CODE	FLOW L/MIN	MAX P BAR	MOTOR SIZE KW	NETT. PRICE		NETT. PRICE	
AC UNIT				240V/AC		415V/AC	
				£ STERLING	€ EUROS	£ STERLING	€ EUROS
AC1	1.68	100	0.37	£401.03	€ 453.16	£423.48	€ 478.53
AC2	1.68	160	0.55	£436.49	€ 493.23	£441.21	€ 498.57
AC3	1.68	210	0.75	£448.65	€ 506.98	£450.07	€ 508.58
AC4	2.38	75	0.37	£401.03	€ 453.16	£423.48	€ 478.53
AC5	2.38	110	0.55	£436.49	€ 493.23	£441.21	€ 498.57
AC6	2.38	155	0.75	£448.65	€ 506.98	£450.07	€ 508.58
AC7	2.38	210	1.1	£490.76	€ 554.56	£488.13	€ 551.59
AC8	3.5	100	0.75	£448.65	€ 506.98	£450.07	€ 508.58
AC9	3.5	150	1.1	£490.76	€ 554.56	£488.13	€ 551.59
AC10	3.5	210	1.5	£532.84	€ 602.11	£585.74	€ 661.89
AC11	4.9	75	0.75	£687.59	€ 776.98	£441.21	€ 498.57
AC12	4.9	110	1.1	£489.63	€ 553.28	£488.13	€ 551.59
AC13	4.9	150	1.5	£532.84	€ 602.11	£589.40	€ 666.02
AC14	4.9	210	2.2	£610.39	€ 689.74	£547.71	€ 618.91
AC15	6	90	1.1	£489.63	€ 553.28	£488.13	€ 551.59
AC16	6	120	1.5	£532.84	€ 602.11	£589.40	€ 666.02
AC17	6	180	2.2	£610.39	€ 689.74	£547.71	€ 618.91
AC18	6	210	3	£663.56	€ 749.82	£589.40	€ 666.02
AC19	7	75	1.1	£489.63	€ 553.28	£488.13	€ 551.59
AC20	7	100	1.5	£532.84	€ 602.11	£589.40	€ 666.02
AC21	7	150	2.2	£610.55	€ 689.93	£547.71	€ 618.91
AC22	7	210	3	£703.36	€ 794.80	£589.40	€ 666.02
AC23	9	80	1.5	£532.84	€ 602.11	£589.40	€ 666.02
AC24	9	120	2.2	£610.55	€ 689.93	£547.71	€ 618.91
AC25	9	165	3	£663.54	€ 749.80	£589.40	€ 666.02
AC26	9	190	4	N/A	N/A	£642.80	€ 726.36
AC27	11	65	1.5	£532.84	€ 602.11	£589.40	€ 666.02
AC28	11	100	2.2	£610.39	€ 689.74	£547.71	€ 618.91
AC29	11	130	3	£662.77	€ 748.93	£589.40	€ 666.02
AC30	11	180	4	N/A	N/A	£642.80	€ 726.36
AC31	14	75	2.2	£610.39	€ 689.74	£547.71	€ 618.91
AC32	14	100	3	£663.56	€ 749.82	£589.40	€ 666.02
AC33	14	145	4	N/A	N/A	£642.80	€ 726.36

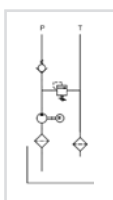


**STEP 2**  
SELECT VOLTAGE  
EG: 3PH  
£0.00

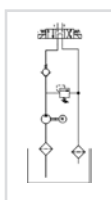
COSTING CODE	MOTOR VOLTAGE	NETT. PRICE	
		£ STERLING	€ EUROS
3PH	Three phase 415v	£0.00	€ 0.00
1PH	Single phase 240v	£0.00	€ 0.00
1PH110V	Single phase 110v	POA	POA
3PH110V	Three phase 110v	POA	POA
PD	Pulley driven c/w 100mm pulley	£193.99	€ 219.21
XXX	Not required	£0.00	€ 0.00



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  
£107.77

COSTING CODE	MANIFOLDS AVAILABLE	NETT. PRICE	
		£ STERLING	€ EUROS
31	1 station cetop 3 manifold	£54.52	€ 61.60
32	2 station cetop 3 manifold	£107.77	€ 121.78
33	3 station cetop 3 manifold	£163.57	€ 184.83
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  
£91.29

COSTING CODE	MANIFOLD NEEDED	NETT. PRICE	
		£ STERLING	€ EUROS
42	4210	£91.29	€ 103.15
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  
£57.53+£57.53

**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	£57.53	€ 65.01
NG6S	FLOWFIT NG6 S/ACTING VALVE AC/DC ANY SPOOL	£42.78	€ 48.34
NOV	FLOWFIT NORMALLY OPEN SINGLE ACTING AC/DC	£42.78	€ 48.34
NCV	FLOWFIT NORMALLY CLOSED SINGLE ACTING AC/DC	£57.53	€ 65.01
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.	£154.69	€ 174.80
HD106	1 bank double acting lever valve 3 pos spring return	£209.19	€ 236.39
HDS11/2	2 bank double acting lever valve 3 pos spring return	£202.41	€ 228.72
HDS11/3	3 bank double acting lever valve 3 pos spring return	£272.94	€ 308.42
HDS11/4	4 bank double acting lever valve 3 pos spring return	£346.05	€ 391.03
HDS11/5	5 bank double acting lever valve 3 pos spring return	£415.26	€ 469.25
HDS11/6	6 bank double acting lever valve 3 pos spring return	£485.79	€ 548.95
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.	£38.23	€ 43.20
2.5PH	2.5litre plastic horizontal.	£40.57	€ 45.85
3.5PH	3.5litre plastic horizontal.	£44.36	€ 50.13
6PH	6 litre plastic horizontal.	£46.91	€ 53.01
5H	5 litre steel horizontal.	£71.00	€ 80.23
5V	5 litre steel vertical.	£71.00	€ 80.23
8H	8 litre steel horizontal.	£74.80	€ 84.53
8V	8 litre steel vertical.	£74.80	€ 84.53
10H	10 litre steel horizontal.	£117.90	€ 133.23
12V	12 litre steel vertical.	£141.99	€ 160.45
15V	15 litre steel vertical.	£169.88	€ 191.96
18H	18 litre steel horizontal	£172.43	€ 194.85
20V	20 litre steel vertical	£157.21	€ 177.64
30V	30 litre steel vertical.	£202.85	€ 229.22
55V	55 litre steel vertical	£259.90	€ 293.68
75V	72 litre steel vertical.	£294.14	€ 332.37
100V	98 litre steel vertical	£347.40	€ 392.57
180V	160 litre steel vertical.	£453.90	€ 512.91
xxx	No tank required,neck and flange	£11.42	€ 12.91



8 litre steel horizontal



Plastic Cover

**STEP 9**  
SELECT EXTRAS  
EG: PG1  
£24.74

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TECH. DATA SHEET  
**PU1**

COSTING CODE	ADD ON EXTRAS	NETT. PRICE	
		£ STERLING	€ EUROS
PG1	PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG2	PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG3	PRESSURE GAUGE 0-3000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG4	PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR	£24.74	€ 27.95
SMB	Steel mounting bracket for fitting to central housing.	£12.04	€ 13.61
DCM	Plastic motor cover for DC motors.	£24.74	€ 27.95
XXX	Not required	£0.00	€ 0.00
PLUG	13 Amp plug c/w 2 metre cable	£35.55	€ 40.17

COSTING CODE	ADD ON EXTRAS	NETT. PRICE	
		£ STERLING	€ EUROS
EHP	Emergency handpump 1.5cc/rev fitted to housing K1 + K4	£49.44	€ 55.87
EHP1	Emergency handpump 1.5cc/rev fitted to housing K3	£93.83	€ 106.03
XXX	Not required	£0.00	€ 0.00

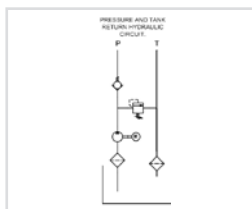
**ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED. ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE**

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

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TECH. DATA SHEET  
**PU1**

**FLOWFIT®**



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	£602.16	€ 680.45
ZZ001470	1.7	3.7	200	8 litre horizontal	12VDC	£610.53	€ 689.90
ZZ001471	1.7	4.9	175	8 litre horizontal	12VDC	£610.53	€ 689.90
ZZ001472	1.7	4.9	175	10 litre horizontal	12VDC	£644.82	€ 728.64
ZZ001473	1.7	9.5	100	15 litre vertical	12VDC	£700.83	€ 791.94
ZZ001474	1.7	9.5	100	18 litre horizontal	12VDC	£706.69	€ 798.56

FLOWFIT®



24VDC		P + T PORTS ONLY					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	£602.18	€ 680.46	
ZZ001476	2.2	3.5	200	8 litre horizontal	24VDC	£610.53	€ 689.90	
ZZ001477	2.2	4.25	200	8 litre horizontal	24VDC	£610.53	€ 689.90	
ZZ001478	2.2	4.25	200	10 litre horizontal	24VDC	£645.20	€ 729.08	
ZZ001479	2.2	7.5	175	15 litre vertical	24VDC	£700.83	€ 791.94	
ZZ001480	2.2	7.5	175	18 litre horizontal	24VDC	£706.68	€ 798.55	

FLOWFIT®



110VAC		50HZ 1 PHASE P + T PORTS ONLY					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	£596.32	€ 673.84
ZZ001482	1.1	1.5	2.38	210	5 litre horizontal	110VAC	£656.51	€ 741.86
ZZ001483	1.5	2	3.5	210	8 litre horizontal	110VAC	£668.24	€ 755.11
ZZ001484	2.2	3	4.9	210	8 litre horizontal	110VAC	£843.85	€ 953.55
ZZ001485	3	4	6	210	10 litre horizontal	110VAC	£965.12	€ 1,090.58

FLOWFIT®



240VAC		50HZ 1 PHASE P + T PORTS ONLY					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	£546.97	€ 618.07
ZZ001487	1.1	1.5	2.38	210	5 litre horizontal	240VAC	£595.48	€ 672.89
ZZ001488	1.5	2	3.5	210	8 litre horizontal	240VAC	£654.85	€ 739.98
ZZ001489	2.2	3	4.9	210	8 litre horizontal	240VAC	£792.84	€ 895.91
ZZ001490	3	4	6	210	10 litre horizontal	240VAC	£851.37	€ 962.05

FLOWFIT®



415VAC		50HZ 3 PHASE P + T PORTS ONLY					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	£460.82	€ 520.73
ZZ001492	1.1	1.5	2.38	210	5 litre horizontal	415VAC	£485.91	€ 549.08
ZZ001493	1.5	2	3.5	210	8 litre horizontal	415VAC	£522.71	€ 590.66
ZZ001494	2.2	3	4.9	210	8 litre horizontal	415VAC	£555.31	€ 627.50
ZZ001495	3	4	6	210	10 litre horizontal	415VAC	£664.88	€ 751.32
ZZ001496	4	5.3	9.7	210	15 litre horizontal	415VAC	£779.47	€ 880.80

FLOWFIT®

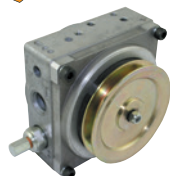


PETROL		Loncin P + T PORTS ONLY							www.flowfitonline.com TECH. DATA SHEET <b>PU2</b>	
PT NO	ENGINE TYPE	KW 3600 RPM	HP 3600 RPM	FLOW RATE + MAX PSI	ENGINE START	PUMP TYPE	OIL ALERT YES/NO	DIMENSION L X W X H (MM)	NETT. PRICE	
									£ STERLING	€ EUROS
ZZ001624	Loncin	4.8	6.5	11.5 L/MIN @ 2900 PSI/200 BAR	Pull	Gear	yes	1015 x 385 x 600	£1,421.77	€ 1,606.60
ZZ001625	Loncin	6.7	9	15.8 L/MIN @ 2900 PSI/200 BAR	Pull	Gear	yes	1015 x 385 x 600	£1,572.30	€ 1,776.70
ZZ001626	Loncin	9.6	13	24 L/MIN @ 2900 PSI/200 BAR	Pull	Gear	yes	1015 x 385 x 600	£1,630.84	€ 1,842.85




DIESEL		HATZ		P + T PORTS ONLY					www.flowfitonline.com TECH. DATA SHEET <b>PU3</b>	
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 X H (MM)	NETT. PRICE	
ZZ001422	Hatz	7.4	10	18 L/MIN @ 2900 PSI/200 BAR	Electric start Manual stop	Gear	yes	1015 x 385 x 600	£3,679.84	€ 4,158.22
ZZ001627	Hatz	14.7	19.7	36 L/MIN @ 2900 PSI/200 BAR	Electric start Manual stop	Gear	yes	1015 X 385 X 600	£6,690.61	€ 7,560.39

£ STERLING € EUROS

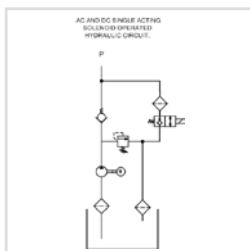
BELT DRIVEN		P + T PORTS ONLY				www.flowfitonline.com TECH. DATA SHEET <b>PU4</b>	
PT NO		PUMP FLOW AT 1000 L/MIN	PUMP FLOW AT 3600RPM	MAX P BAR	RESERVOIR SIZE LITRE	NETT. PRICE	
ZZ001621		1.2	4.3	210	8 Horizontal	£477.11	€ 548.68
ZZ001622		2.5	9	210	15 Horizontal	£563.14	€ 647.61
ZZ001623		3.5	12.6	210	18 Horizontal	£579.08	€ 665.94

£ STERLING € EUROS

## 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



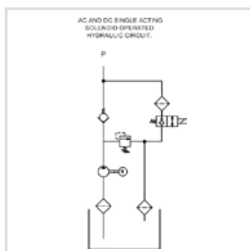

- 12vdc powerunit.
- 2.1cc/rev gear pump.
- 1.6kw 12vdc electric motor c/w relay and plastic motor cover.
- 4.3 litre reservoir c/w drain plug.
- Reservoir c/w suction strainer, return oil conveyor and filler breather
- Horizontal mounting Max pressure 220 bar.
- Max flow 4 l/min at 220 bar.
- Main relief 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.

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TECH. DATA SHEET  
**PU5**

PT NO	FLOW L/MIN	MAX P BAR	MOTOR SIZE KW	MOTOR TYPE	NETT. PRICE	
ZZ001974	4	220	1.6	12VDC	£344.88	€ 389.72

£ STERLING € EUROS

### 24VDC




- 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.

www.flowfitonline.com  
TECH. DATA SHEET  
**PU5**

PT NO	FLOW L/MIN	MAX P BAR	MOTOR SIZE KW	MOTOR TYPE	NETT. PRICE	
ZZ001648	4	220	2	24VDC	£376.75	€ 425.73

£ STERLING € EUROS

FLOWFIT®



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	£697.71	€ 788.42	
ZZ001498	1.7	3.7	200	8 litre horizontal	12VDC	£668.21	€ 755.08	
ZZ001499	1.7	4.9	175	8 litre horizontal	12VDC	£669.89	€ 756.98	
ZZ001500	1.7	4.9	175	10 litre horizontal	12VDC	£709.20	€ 801.40	
ZZ001501	1.7	9.5	100	15 litre vertical	12VDC	£758.54	€ 857.15	
ZZ001502	1.7	9.5	100	18 litre horizontal	12VDC	£775.27	€ 876.05	

FLOWFIT®



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	£759.38	€ 858.10	
ZZ001504	1.7	3.7	200	8 litre horizontal	12VDC	£767.75	€ 867.56	
ZZ001505	1.7	4.9	175	8 litre horizontal	12VDC	£769.42	€ 869.44	
ZZ001506	1.7	4.9	175	10 litre horizontal	12VDC	£808.73	€ 913.87	
ZZ001507	1.7	9.5	100	15 litre vertical	12VDC	£858.91	€ 970.57	
ZZ001508	1.7	9.5	100	18 litre horizontal	12VDC	£875.64	€ 989.47	

FLOWFIT®



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	£661.53	€ 747.53	
ZZ001510	2.2	3.5	200	8 litre horizontal	24VDC	£670.73	€ 757.92	
ZZ001511	2.2	4.25	200	8 litre horizontal	24VDC	£672.40	€ 759.81	
ZZ001512	2.2	4.25	200	10 litre horizontal	24VDC	£710.88	€ 803.30	
ZZ001513	2.2	7.5	175	15 litre vertical	24VDC	£764.41	€ 863.78	
ZZ001514	2.2	7.5	175	18 litre horizontal	24VDC	£781.14	€ 882.68	

FLOWFIT®



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	£761.10	€ 860.05	
ZZ001516	2.2	3.5	200	8 litre horizontal	24VDC	£769.42	€ 869.44	
ZZ001517	2.2	4.25	200	8 litre horizontal	24VDC	£769.42	€ 869.44	
ZZ001518	2.2	4.25	200	10 litre horizontal	24VDC	£809.55	€ 914.79	
ZZ001519	2.2	7.5	175	15 litre vertical	24VDC	£858.91	€ 970.57	
ZZ001514	2.2	7.5	175	18 litre horizontal	24VDC	£875.64	€ 989.47	

FLOWFIT®



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	£642.31	€ 725.81
ZZ001525	1.1	1.5	2.38	210	5 litre horizontal	110VAC	£744.35	€ 841.11
ZZ001526	1.5	2	3.5	210	8 litre horizontal	110VAC	£774.44	€ 875.11
ZZ001527	2.2	3	4.9	210	8 litre horizontal	110VAC	£868.11	€ 980.96
ZZ001528	3	4	6	210	10 litre horizontal	110VAC	£971.81	€ 1,098.14

USE TECH. DATA SHEET PU1 FOR PRODUCTS ON THIS PAGE

**FLOWFIT®**



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	£716.74	€ 809.92
ZZ001530	1.1	1.5	2.38	210	5 litre horizontal	110VAC	£776.11	€ 877.00
ZZ001531	1.5	2	3.5	210	8 litre horizontal	110VAC	£840.51	€ 949.78
ZZ001532	2.2	3	4.9	210	8 litre horizontal	110VAC	£958.44	€ 1,083.04
ZZ001533	3	4	6	210	10 litre horizontal	110VAC	£1,035.38	€ 1,169.98

**FLOWFIT®**



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	£592.95	€ 670.03
ZZ001535	1.1	1.5	2.38	210	5 litre horizontal	240VAC	£640.63	€ 723.91
ZZ001536	1.5	2	3.5	210	8 litre horizontal	240VAC	£774.44	€ 875.11
ZZ001537	2.2	3	4.9	210	8 litre horizontal	240VAC	£842.00	€ 951.45
ZZ001538	3	4	6	210	10 litre horizontal	240VAC	£857.24	€ 968.68

**FLOWFIT®**



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	£667.39	€ 754.15
ZZ001540	1.1	1.5	2.38	210	5 litre horizontal	240VAC	£715.91	€ 808.98
ZZ001541	1.5	2	3.5	210	8 litre horizontal	240VAC	£766.07	€ 865.66
ZZ001542	2.2	3	4.9	210	8 litre horizontal	240VAC	£905.75	€ 1,023.50
ZZ001543	3	4	6	210	10 litre horizontal	240VAC	£921.64	€ 1,041.45

**FLOWFIT®**



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	£526.05	€ 594.44
ZZ001545	1.1	1.5	2.38	210	5 litre horizontal	415VAC	£546.14	€ 617.13
ZZ001546	1.5	2	3.5	210	8 litre horizontal	415VAC	£582.93	€ 658.71
ZZ001547	2.2	3	4.9	210	8 litre horizontal	415VAC	£614.70	€ 694.61
ZZ001548	3	4	6	210	10 litre horizontal	415VAC	£671.58	€ 758.89
ZZ001549	4	5.3	9.7	210	15 litre vertical	415VAC	£635.62	€ 718.25

**FLOWFIT®**



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	£587.11	€ 663.43
ZZ001551	1.1	1.5	2.38	210	5 Horizontal	415VAC	£606.34	€ 685.17
ZZ001552	1.5	2	3.5	210	8 Horizontal	415VAC	£633.94	€ 716.35
ZZ001553	2.2	3	4.9	210	8 Horizontal	415VAC	£667.39	€ 754.15
ZZ001554	3	4	6	210	10 Horizontal	415VAC	£735.99	€ 831.67
ZZ001555	4	5.3	9.7	210	15 Vertical	415VAC	£802.04	€ 906.31

**USE TECH. DATA SHEET PU1 FOR PRODUCTS ON THIS PAGE**



FLOWFIT®



PETROL		SINGLE ACTING POWERUNIT							www.flowfitonline.com TECH. DATA SHEET <b>PU2</b>	
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	£1,492.84	€ 1,686.91
ZZ001363	Loncin	6.7	9	15.8 L/MIN @ 2900 PSI/200 BAR	Pull	Gear	yes	1015 x 385 x 600	£1,354.06	€ 1,530.09
ZZ001364	Loncin	9.6	13	24 L/MIN @ 2900 PSI/200 BAR	Pull	Gear	yes	1015 x 385 x 600	£1,476.85	€ 1,668.84

FLOWFIT®



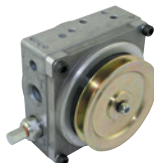
DIESEL		SINGLE ACTING POWERUNIT							www.flowfitonline.com TECH. DATA SHEET <b>PU6</b>	
PT NO	ENGINE TYPE	KW 3000 RPM	HP 3000 RPM	FLOW RATE + MAX PSI	ENGINE START	PUMP TYPE	OIL ALERT YES/NO	DIMENSION L X W X H (MM)	NETT. PRICE	
									£ STERLING	€ EUROS
ZZ001422	Hatz	7.4	10	18 L/MIN @ 2900 PSI/200 BAR	Electric start Manual stop	Gear	yes	1015 x 385 x 600	£3,679.84	€ 4,158.22
ZZ001628	Hatz	14.7	19.7	36 L/MIN @ 2900 PSI/200 BAR	Electric start Manual stop	Gear	yes	1015 X 385 X 600	£6,690.61	€ 7,560.39

FLOWFIT®



BELT DRIVEN		SINGLE ACTING POWERUNIT SOLENOID RELEASE				www.flowfitonline.com TECH. DATA SHEET <b>PU7</b>	
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	£615.54	€ 695.56
ZZ001631		2.5	9	210	15 Vertical	£705.86	€ 797.62
ZZ001632		3.5	12.6	210	18 Horizontal	£724.26	€ 818.41

FLOWFIT®



BELT DRIVEN		SINGLE ACTING POWERUNIT MANUAL LEVER RELEASE				www.flowfitonline.com TECH. DATA SHEET <b>PU7</b>	
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	£629.76	€ 711.63
ZZ001635		2.5	9	210	15 Vertical	£717.56	€ 810.84
ZZ001636		3.5	12.6	210	18 Horizontal	£725.93	€ 820.30

## 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 <b>PU1</b>	
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	£752.70	€ 850.55
ZZ001557	1.7	3.7	200	8 litre horizontal	12VDC	£840.51	€ 949.78
ZZ001558	1.7	4.9	175	8 litre horizontal	12VDC	£842.17	€ 951.66
ZZ001559	1.7	4.9	175	10 litre horizontal	12VDC	£879.82	€ 994.19
ZZ001560	1.7	9.5	100	15 litre vertical	12VDC	£929.16	€ 1,049.95
ZZ001561	1.7	9.5	100	18 litre horizontal	12VDC	£943.37	€ 1,066.01




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	£759.39	€ 858.11
ZZ001563	1.7	3.7	200	8 litre horizontal	12VDC	£767.76	€ 867.57
ZZ001564	1.7	4.9	175	8 litre horizontal	12VDC	£769.42	€ 869.44
ZZ001565	1.7	4.9	175	10 litre horizontal	12VDC	£807.90	€ 912.93
ZZ001566	1.7	9.5	100	15 litre vertical	12VDC	£857.24	€ 968.68
ZZ001567	1.7	9.5	100	18 litre horizontal	12VDC	£877.31	€ 991.36




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	£767.76	€ 867.57
ZZ001569	2.2	3.5	200	8 litre horizontal	24VDC	£854.73	€ 965.85
ZZ001570	2.2	4.25	200	8 litre horizontal	24VDC	£873.13	€ 986.63
ZZ001571	2.2	4.25	200	10 litre horizontal	24VDC	£898.23	€ 1,015.00
ZZ001572	2.2	7.5	175	15 litre vertical	24VDC	£943.37	€ 1,066.01
ZZ001573	2.2	7.5	175	18 litre horizontal	24VDC	£967.63	€ 1,093.42




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	£760.23	€ 859.06
ZZ001575	2.2	3.5	200	8 litre horizontal	24VDC	£764.42	€ 863.80
ZZ001584	2.2	4.25	200	8 litre horizontal	24VDC	£764.42	€ 863.80
ZZ001585	2.2	4.25	200	10 litre horizontal	24VDC	£807.07	€ 911.99
ZZ001586	2.2	7.5	175	15 litre vertical	24VDC	£858.91	€ 970.57
ZZ001587	2.2	7.5	175	18 litre horizontal	24VDC	£862.24	€ 974.33




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	£698.32 € 789.11
ZZ001589	1.1	1.5	2.38	210	5 litre horizontal	110VAC	£757.71 € 856.21
ZZ001590	1.5	2	3.5	210	8 litre horizontal	110VAC	£942.41 € 1,064.92
ZZ001591	2.2	3	4.9	210	8 litre horizontal	110VAC	£930.02 € 1,050.92
ZZ001592	3	4	6	210	10 litre horizontal	110VAC	£1,064.65 € 1,203.05




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	£720.08 € 813.69
ZZ001594	1.1	1.5	2.38	210	5 litre horizontal	110VAC	£748.44 € 845.74
ZZ001595	1.5	2	3.5	210	8 litre horizontal	110VAC	£850.54 € 961.11
ZZ001596	2.2	3	4.9	210	8 litre horizontal	110VAC	£951.97 € 1,075.73
ZZ001597	3	4	6	210	10 litre horizontal	110VAC	£1,099.77 € 1,242.74




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	£700.83 € 791.94
ZZ001599	1.1	1.5	2.38	210	5 litre horizontal	240VAC	£777.79 € 878.90
ZZ001600	1.5	2	3.5	210	8 litre horizontal	240VAC	£806.22 € 911.03
ZZ001601	2.2	3	4.9	210	8 litre horizontal	240VAC	£945.88 € 1,068.85
ZZ001602	3	4	6	210	10 litre horizontal	240VAC	£1,114.83 € 1,259.75

**USE TECH. DATA SHEET PU1 FOR PRODUCTS ON THIS PAGE**

FLOWFIT®



240VAC		50HZ 1 PHASE DOUBLE ACTING MANUAL LEVER OPERATED					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	£670.74	€ 757.94
ZZ001604	1.1	1.5	2.38	210	5 litre horizontal	240VAC	£747.69	€ 844.89
ZZ001605	1.5	2	3.5	210	8 litre horizontal	240VAC	£775.79	€ 876.65
ZZ001606	2.2	3	4.9	210	8 litre horizontal	240VAC	£914.94	€ 1,033.88
ZZ001607	3	4	6	210	10 litre horizontal	240VAC	£980.18	€ 1,107.60

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	£567.90	€ 641.73
ZZ001609	1.1	1.5	2.38	210	5 litre horizontal	415VAC	£587.94	€ 664.37
ZZ001610	1.5	2	3.5	210	8 litre horizontal	415VAC	£623.07	€ 704.07
ZZ001611	2.2	3	4.9	210	8 litre horizontal	415VAC	£654.85	€ 739.98
ZZ001612	3	4	6	210	10 litre horizontal	415VAC	£765.25	€ 864.73
ZZ001613	4	5.3	9.7	210	15 litre vertical	415VAC	£881.50	€ 996.09

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	£589.62	€ 666.27
ZZ001615	1.1	1.5	2.38	210	5 litre horizontal	415VAC	£609.68	€ 688.94
ZZ001616	1.5	2	3.5	210	8 litre horizontal	415VAC	£616.39	€ 696.52
ZZ001617	2.2	3	4.9	210	8 litre horizontal	415VAC	£676.61	€ 764.57
ZZ001618	3	4	6	210	10 litre horizontal	415VAC	£797.02	€ 900.64
ZZ001619	4	5.3	9.7	210	15 litre vertical	415VAC	£943.59	€ 1,066.26

FLOWFIT®

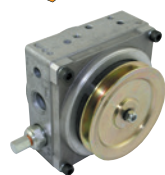


PETROL		DOUBLE ACTING POWERUNIT							www.flowfitonline.com TECH. DATA SHEET <b>PU2</b>	
PT NO	ENGINE TYPE	KW 3600 RPM	HP 3600 RPM	FLOW RATE + MAX PSI	ENGINE START	PUMP TYPE	OIL ALERT YES/NO	DIMENSION L X W X H (MM)	NETT. PRICE	
									£ STERLING	€ EUROS
ZZ001637	Loncin	4.8	6.5	11.5 L/MIN @ 2900 PSI/200 BAR	Pull	Gear	yes	1015 x 385 x 600	£1,421.77	€ 1,606.60
ZZ001638	Loncin	6.7	9	15.8 L/MIN @ 2900 PSI/200 BAR	Pull	Gear	yes	1015 x 385 x 600	£1,572.30	€ 1,776.70
ZZ001639	Loncin	9.6	13	24 L/MIN @ 2900 PSI/200 BAR	Pull	Gear	yes	1015 x 385 x 600	£1,630.84	€ 1,842.85

FLOWFIT®



DIESEL		DOUBLE ACTING POWERUNIT							www.flowfitonline.com TECH. DATA SHEET <b>PU6</b>	
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 X H (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	£3,679.84	€ 4,158.22
ZZ001640	Hatz	14.7	19.7	36 L/MIN @ 2900 PSI/200 BAR	Electric start Manual stop	Gear	yes	1015 X 385 X 600	£6,690.61	€ 7,560.39

BELT DRIVEN		DOUBLE ACTING POWERUNIT SOLENOID POWERUNIT				www.flowfitonline.com TECH. DATA SHEET <b>PU4</b>	
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	£597.15	€ 674.77	
ZZ001642	2.5	9	210	15 Horizontal	£684.12	€ 773.05	
ZZ001643	3.5	12.6	210	18 Horizontal	£695.81	€ 786.27	



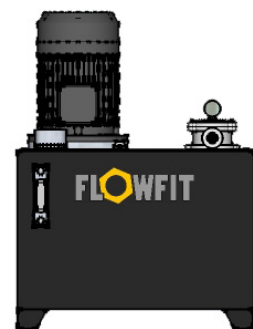

BELT DRIVEN		DOUBLE ACTING MANUAL LEVER RELEASE				www.flowfitonline.com TECH. DATA SHEET <b>PU4</b>	
PT NO	PUMP FLOW AT 1000 L/MIN	PUMP FLOW AT 3600RPM	MAX P BAR	RESERVOIR SIZE LITRE	NETT. PRICE		
					£ STERLING	€ EUROS	
ZZ001644	1.2	4.3	210	8 Horizontal	£628.92	€ 710.68	
ZZ001645	2.5	9	210	15 horizontal	£706.68	€ 798.55	
ZZ001646	3.5	12.6	210	18 Horizontal	£728.92	€ 823.68	

## 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  
£1,813.63

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	£1,310.96	€ 1,481.38
15.8	235	7.5	HF50011	£1,369.27	€ 1,547.28
21.6	50	2.2	HF50012	£1,055.12	€ 1,192.29
21.6	90	4	HF50013	£1,149.94	€ 1,299.43
21.6	125	5.5	HF50014	£1,310.96	€ 1,481.38
21.6	170	7.5	HF50015	£1,369.27	€ 1,547.28
21.6	250	11	HF50016	£1,654.54	€ 1,869.63
27.2	40	2.2	HF50017	£1,055.12	€ 1,192.29
27.2	55	3	HF50018	£1,091.61	€ 1,233.52
27.2	70	4	HF50019	£1,149.94	€ 1,299.43
27.2	100	5.5	HF50020	£1,310.96	€ 1,481.38
27.2	135	7.5	HF50021	£1,369.27	€ 1,547.28
27.2	200	11	HF50022	£1,654.54	€ 1,869.63
30.2	40	2.2	HF50023	£1,055.12	€ 1,192.29
30.2	50	3	HF50024	£1,091.61	€ 1,233.52
30.2	64	4	HF50025	£1,149.94	€ 1,299.43
30.2	95	5.5	HF50026	£1,338.31	€ 1,512.29
30.2	130	7.5	HF50027	£1,369.27	€ 1,547.28
30.2	190	11	HF50028	£1,681.90	€ 1,900.55
30.2	250	15	HF50029	£1,745.82	€ 1,972.78
37.5	40	3	HF50030	£1,091.61	€ 1,233.52
37.2	55	4	HF50031	£1,149.94	€ 1,299.43
37.2	80	5.5	HF50032	£1,310.96	€ 1,481.38

**STEP 1**  
CONTINUED

FLOW	MAX PRESS BAR	MOTOR KW SIZE	PART NUMBER	NETT. PRICE	
				£ STERLING	€ EUROS
37.2	105	7.5	HF50033	£1,369.27	€ 1,547.28
37.2	155	11	HF50034	£1,654.54	€ 1,869.63
37.2	210	15	HF50035	£1,745.82	€ 1,972.78
37.2	250	18.5	HF50036	£2,042.49	€ 2,308.02
44.6	45	4	HF50037	£1,745.82	€ 1,972.78
44.6	65	5.5	HF50038	£1,908.10	€ 2,156.16
44.6	85	7.5	HF50039	£1,967.69	€ 2,223.49
44.6	125	11	HF50040	£2,301.86	€ 2,601.10
53	40	4	HF50041	£1,745.82	€ 1,972.78
53	55	5.5	HF50042	£1,908.10	€ 2,156.16
53	75	7.5	HF50043	£1,967.69	€ 2,223.49
53	110	11	HF50044	£2,302.22	€ 2,601.51
53	150	15	HF50045	£2,398.77	€ 2,710.61
53	180	18.5	HF50046	£2,682.76	€ 3,031.52
64.8	40	5.5	HF50047	£1,908.10	€ 2,156.16
64.8	55	7.5	HF50048	£1,967.69	€ 2,223.49
64.8	80	11	HF50049	£2,302.42	€ 2,601.73
64.8	110	15	HF50050	£2,398.77	€ 2,710.61
64.8	140	18.5	HF50051	£2,682.76	€ 3,031.52
76.3	30	5.5	HF50052	£1,908.10	€ 2,156.16
76.3	45	7.5	HF50053	£1,904.31	€ 2,151.87
76.3	65	11	HF50054	£2,302.42	€ 2,601.73
76.3	100	15	HF50055	£2,398.77	€ 2,710.61
76.3	120	18.5	HF50056	£2,682.76	€ 3,031.52
90.7	40	7.5	HF50057	£1,904.31	€ 2,151.87
90.7	60	11	HF50058	£2,301.86	€ 2,601.10
90.7	80	15	HF50059	£2,398.77	€ 2,710.61
90.7	100	18.5	HF50060	£2,682.76	€ 3,031.52
108	35	7.5	HF50061	£1,904.31	€ 2,151.87
108	50	11	HF50062	£2,301.86	€ 2,601.10
108	70	15	HF50063	£2,398.77	€ 2,710.61
108	85	18.5	HF50064	£2,682.76	€ 3,031.52
133	40	11	HF50065	£2,301.86	€ 2,601.10
133	55	15	HF50066	£2,398.77	€ 2,710.61
133	70	18.5	HF50067	£2,682.76	€ 3,031.52



**STEP 2**  
SELECT TANK  
EG:J  
£619.52

HYDRAULIC TANKS	COSTING CODE	PART NO	NETT. PRICE	
			£ STERLING	€ EUROS
30 LITRES CAPACITY	A	HF30	£173.81	€ 196.40
55 LITRES CAPACITY	B	HF55	£231.66	€ 261.78
72 LITRES CAPACITY	C	HF75	£265.86	€ 300.42
98 LITRES CAPACITY	D	HF100	£321.18	€ 362.94
160 LITRES CAPACITY	E	HF180	£430.48	€ 486.44
200 LITRES CAPACITY	F	HFSS200	£593.18	€ 670.29
250 LITRES CAPACITY	G	HFSS250	£806.70	€ 911.58
300 LITRES CAPACITY	H	HFSS300	£963.35	€ 1,088.59
400 LITRES CAPACITY	J	HFSS400	£619.52	€ 700.06
630 LITRES CAPACITY	K	HFSS630	£1,900.42	€ 2,147.47
800 LITRES CAPACITY	L	HFSS800	£2,122.97	€ 2,398.96

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	£27.31	€ 30.86
CETOP 3 2STN M/FOLD	32	MD-03P-2-G	£50.06	€ 56.57
CETOP 3 3STN M/FOLD	33	MD-03P-3-G	£73.58	€ 83.15
CETOP 3 4STN M/FOLD	34	MD-03P-4-G	£100.13	€ 113.14
CETOP 3 5STN M/FOLD	35	MD-03P-5-G	£127.45	€ 144.02
CETOP 3 1STN M/FOLD C/W RV	31R	MD-03P-1-G-M26	£70.07	€ 79.18
CETOP 3 2STN M/FOLD C/W RV	32R	MD-03P-2-G-M26	£88.38	€ 99.87
CETOP 3 3STN M/FOLD C/W RV	33R	MD-03P-3-G-M26	£119.29	€ 134.80
CETOP 3 4STN M/FOLD C/W RV	34R	MD-03P-4-G-M26	£150.92	€ 170.54
CETOP 3 5STN M/FOLD C/W RV	35R	MD-03P-5-G-M26	£185.69	€ 209.83
NO MANIFOLD NEEDED	XXX		£0.00	€ 0.00
06 RV CARTRIDGE		VC0800/120	£24.61	€ 27.81



**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	£57.53	€ 65.01
NG 6 S/ACTING VALVE		NG6S	£42.78	€ 48.34
NO VALVES NEEDED		XXX	£0.00	€ 0.00



**STEP 5**  
SELECT CETOP 5 MANIFOLD  
EG: 51  
£50.06

CETOP 5 MANIFOLDS	COSTING CODE	PART NO	NETT. PRICE	
			£ STERLING	€ EUROS
CETOP 5 1STN M/FOLD	51	MD-05P-1-G	£50.06	€ 56.57
CETOP 5 2STN M/FOLD	52	MD-05P-2-G	£100.13	€ 113.14
CETOP 5 3STN M/FOLD	53	MD-05P-3-G	£154.76	€ 174.88
CETOP 5 4STN M/FOLD	54	MD-05P-4-G	£207.09	€ 234.01
CETOP 5 5STN M/FOLD	55	MD-05P-5-G	£259.43	€ 293.16
CETOP 5 1STN M/FOLD C/W RV	51R	MD-05P-1-G-M32	£92.73	€ 104.78
CETOP 5 2STN M/FOLD C/W RV	52R	MD-05P-2-G-M32	£124.80	€ 141.03
CETOP 5 3STN M/FOLD C/W RV	53R	MD-05P-3-G-M32	£177.20	€ 200.23
CETOP 5 4STN M/FOLD C/W RV	54R	MD-05P-4-G-M32	£230.77	€ 260.77
CETOP 5 5STN M/FOLD C/W RV	55R	MD-05P-5-G-M32	£285.51	€ 322.62
NO MANIFOLD NEEDED	XXX		£0.00	€ 0.00
10 RV CARTRIDGE		VC1200/400	£45.85	€ 51.81



**STEP 6**  
SELECT CETOP 5 VALVES  
EG: NG10D  
£106.21

CETOP 5 VALVES	COSTING CODE		NETT. PRICE	
			£ STERLING	€ EUROS
NG 10 D/ACTING VALVE		NG10D	£106.21	€ 120.01
NG 10 S/ACTING VALVE		ND10S	£69.32	€ 78.33
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	£763.49	€ 862.74
CETOP 7 2STN M/FOLD	72	705161/2	£1,259.81	€ 1,423.59
CETOP 7 3STN M/FOLD	73	705161/3	£1,868.51	€ 2,111.41
NO MANIFOLD NEEDED	XXX		£0.00	€ 0.00



**STEP 8**  
SELECT CETOP 7  
VALVE  
EG: XXX  
£0.00

CETOP 7 VALVE PART NO REF HF50065/67	COSTING CODE	NETT. PRICE	
		£ STERLING	€ EUROS
NG 16 D/ACTING C/W NG6 PILOT VALVE	NG16D	£355.01	€ 401.16
NG 16 S/ACTING C/W NG6 PILOT VALVE	ND16S	£320.78	€ 362.48
NO VALVES NEEDED	XXX	£0.00	€ 0.00



**STEP 9**  
SELECT DIRECTIONAL  
CONTROL VALVE  
EG: XXX  
£0.00

45LTR DIRECTIONAL CONTROL VALVE PART NO REF HF50010/40 HDM11P/HDM11S	COSTING CODE	PART NO	NETT. PRICE	
			£ STERLING	€ EUROS
3/8" 2 BANK D/ACTING S/RETURN VALVE	P2	HDM11P/2	£124.28	€ 140.43
3/8" 3 BANK D/ACTING S/RETURN VALVE	P3	HDM11P/3	£175.25	€ 198.03
3/8" 4 BANK D/ACTING S/RETURN VALVE	P4	HDM11P/4	£211.87	€ 239.41
3/8" 5 BANK D/ACTING S/RETURN VALVE	P5	HDM11P/5	£253.31	€ 286.24
3/8" 6 BANK D/ACTING S/RETURN VALVE	P6	HDM11P/6	£286.74	€ 324.02
1/2" 1 BANK D/ACTING S/RETURN VALVE	S1	HDM11S/1	£100.36	€ 113.41
1/2" 2 BANK D/ACTING S/RETURN VALVE	S2	HDM11S/2	£154.52	€ 174.61
1/2" 3 BANK D/ACTING S/RETURN VALVE	S3	HDM11S/3	£200.72	€ 226.81
1/2" 4 BANK D/ACTING S/RETURN VALVE	S4	HDM11S/4	£246.93	€ 279.03
1/2" 5 BANK D/ACTING S/RETURN VALVE	S5	HDM11S/5	£299.48	€ 338.41
1/2" 6 BANK D/ACTING S/RETURN VALVE	S6	HDM11S/6	£317.02	€ 358.23
<b>70LTR DIRECTIONAL CONTROL VALVE</b>				
<b>PART NO REF HF50041/51</b>				
<b>HDM18</b>				
1/2" 1 BANK D/ACTING S/RETURN VALVE	181	HDM18/1	£143.37	€ 162.00
1/2" 2 BANK D/ACTING S/RETURN VALVE	182	HDM18/2	£223.01	€ 252.00
1/2" 3 BANK D/ACTING S/RETURN VALVE	183	HDM18/3	£309.26	€ 349.46
1/2" 4 BANK D/ACTING S/RETURN VALVE	184	HDM18/4	£379.11	€ 428.40
<b>100LTR DIRECTIONAL CONTROL VALVE</b>				
<b>PART NO REF CONV52/64</b>				
3/4" 1 BANK D/ACTING S/RETURN VALVE	251	HDM25/1	£202.31	€ 228.61
3/4" 2 BANK D/ACTING S/RETURN VALVE	252	HDM25/2	£363.21	€ 410.42
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  
£24.74

COSTING CODE	ADD ON EXTRAS	NETT. PRICE	
		£ STERLING	€ EUROS
PG1	PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG2	PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG3	PRESSURE GAUGE 0-3000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG4	PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG6	PRESSURE GAUGE 0-6000PSI PLUS ISOLATOR	£24.74	€ 27.95
XXX	NOT REQUIRED	£0.00	€ 0.00
PLUG	13 Amp plug c/w 2 metre cable	£35.55	€ 40.17

ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED. ISSUED  
WITH 12 MONTHS WARRANTY FROM INVOICE DATE

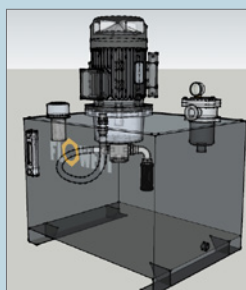
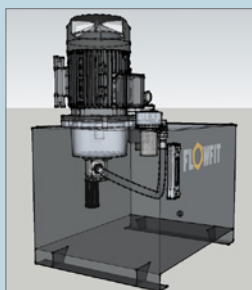
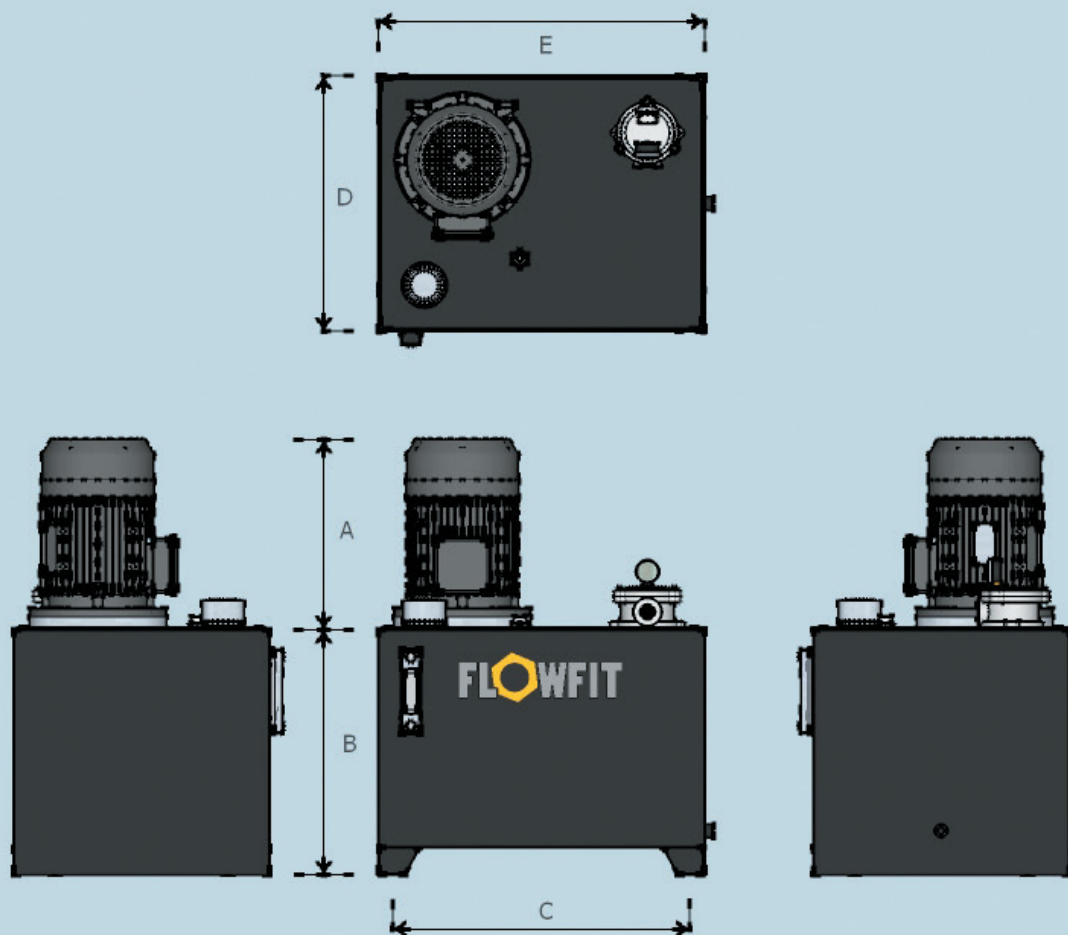
**FULL ORDER  
NUMBER  
FOR EXAMPLE  
SHOWN**

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



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

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

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.

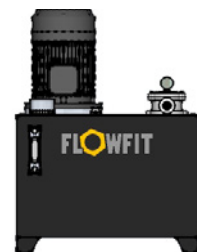
THE HF600 BASIC POWERUNIT STEP 1 CONSISTS OF:

- 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

**TO GENERATE YOUR FULL ORDER NUMBER  
SELECT THE COSTING CODE OR EACH  
COMPONENT**

### EXAMPLE

**STEP 1**  
SELECT FLOW  
EG: HF6001  
£3,549.99



www.flowfitonline.com  
TECH. DATA SHEET  
**PU9**

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	£3,549.99	€ 4,011.49
24 L/MIN	HF6002	250	11	£3,917.64	€ 4,426.94
24 L/MIN	HF6003	350	15KW	£4,025.42	€ 4,548.72
30 L/MIN	HF6004	140	11KW	£3,955.70	€ 4,469.94
30 L/MIN	HF6005	250	15.KW	£4,063.45	€ 4,591.70
30 L/MIN	HF6006	350	22KW	£4,469.17	€ 5,050.16
34.5 L/MIN	HF6007	140	11KW	£3,955.70	€ 4,469.94
34.5 L/MIN	HF6008	250	15KW	£4,063.45	€ 4,591.70
34.5 L/MIN	HF6009	350	22KW	£4,469.17	€ 5,050.16



**STEP 2**  
SELECT TANK  
EG: D  
£321.18

HYDRAULIC TANKS	COSTING CODE	PART NO	NETT. PRICE	
			£ STERLING	€ EUROS
58 LITRES CAPACITY	B	HF55	£231.66	€ 261.78
75 LITRES CAPACITY	C	HF75	£265.86	€ 300.42
100 LITRES CAPACITY	D	HF100	£321.18	€ 362.94
165 LITRES CAPACITY	E	HF180	£430.48	€ 486.44
200 LITRES CAPACITY	F	HFSS200	£593.18	€ 670.29

FITTED WITH FILTREC LEVEL INDICATOR.



**STEP 3**  
SELECT MANIFOLD  
EG: 32  
£50.06

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	£27.31	€ 30.86
CETOP 3 2STN M/FOLD	32	MD-03P-2-G	£50.06	€ 56.57
CETOP 3 3STN M/FOLD	33	MD-03P-3-G	£73.58	€ 83.15
CETOP 3 4STN M/FOLD	34	MD-03P-4-G	£100.13	€ 113.14
CETOP 3 5STN M/FOLD	35	MD-03P-5-G	£127.39	€ 143.95
CETOP 3 1STN M/FOLD C/W RV	31R	MD-03P-1-G-M26	£70.08	€ 79.19
CETOP 3 2STN M/FOLD C/W RV	32R	MD-03P-2-G-M26	£88.38	€ 99.87
CETOP 3 3STN M/FOLD C/W RV	33R	MD-03P-3-G-M26	£119.29	€ 134.80
CETOP 3 4STN M/FOLD C/W RV	34R	MD-03P-4-G-M26	£150.92	€ 170.54
CETOP 3 5STN M/FOLD C/W RV	35R	MD-03P-5-G-M26	£185.69	€ 209.83
NO MANIFOLD NEEDED	XXX		£0.00	€ 0.00
RV CARTRIDGE	RV	VC0800/120	£24.61	€ 27.81



**STEP 4**  
SELECT VALVES  
EG: NG6S + NG6D  
£42.78 + £57.53

CETOP 3 VALVES 315 BAR MAX PRESSURE	COSTING CODE	NETT. PRICE	
		£ STERLING	€ EUROS
NG 6 D/ACTING VALVE	NG6D	£57.53	€ 65.01
NG 6 S/ACTING VALVE	NG6S	£42.78	€ 48.34
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	£53.09	€ 59.99
3/8" 2 BANK D/ACTING S/RETURN VALVE	P2	HDM11P/2	£124.28	€ 140.43
3/8" 3 BANK D/ACTING S/RETURN VALVE	P3	HDM11P/3	£175.25	€ 198.03
3/8" 4 BANK D/ACTING S/RETURN VALVE	P4	HDM11P/4	£211.87	€ 239.41
3/8" 5 BANK D/ACTING S/RETURN VALVE	P5	HDM11P/5	£253.31	€ 286.24
3/8" 6 BANK D/ACTING S/RETURN VALVE	P6	HDM11P/6	£286.74	€ 324.02
1/2" 1 BANK D/ACTING S/RETURN VALVE	S1	HDM11S/1	£100.36	€ 113.41
1/2" 2 BANK D/ACTING S/RETURN VALVE	S2	HDM11S/2	£154.52	€ 174.61
1/2" 3 BANK D/ACTING S/RETURN VALVE	S3	HDM11S/3	£200.72	€ 226.81
1/2" 4 BANK D/ACTING S/RETURN VALVE	S4	HDM11S/4	£246.93	€ 279.03
1/2" 5 BANK D/ACTING S/RETURN VALVE	S5	HDM11S/5	£299.48	€ 338.41
1/2" 6 BANK D/ACTING S/RETURN VALVE	S6	HDM11S/6	£317.02	€ 358.23
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	£24.74	€ 27.95
PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR	PG2	£24.74	€ 27.95
PRESSURE GAUGE 0-3000PSI PLUS ISOLATOR	PG3	£24.74	€ 27.95
PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR	PG4	£24.74	€ 27.95
PRESSURE GAUGE 0-6000PSI PLUS ISOLATOR	PG6	£24.74	€ 27.95
PRESSURE GAUGE 0-10000PSI PLUS ISOLATOR	PG7	£24.74	€ 27.95
NOT REQUIRED	XXX	£0.00	€ 0.00

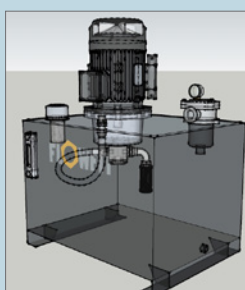
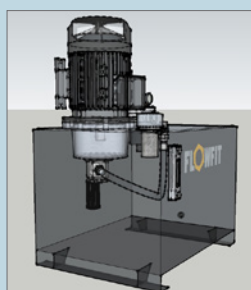
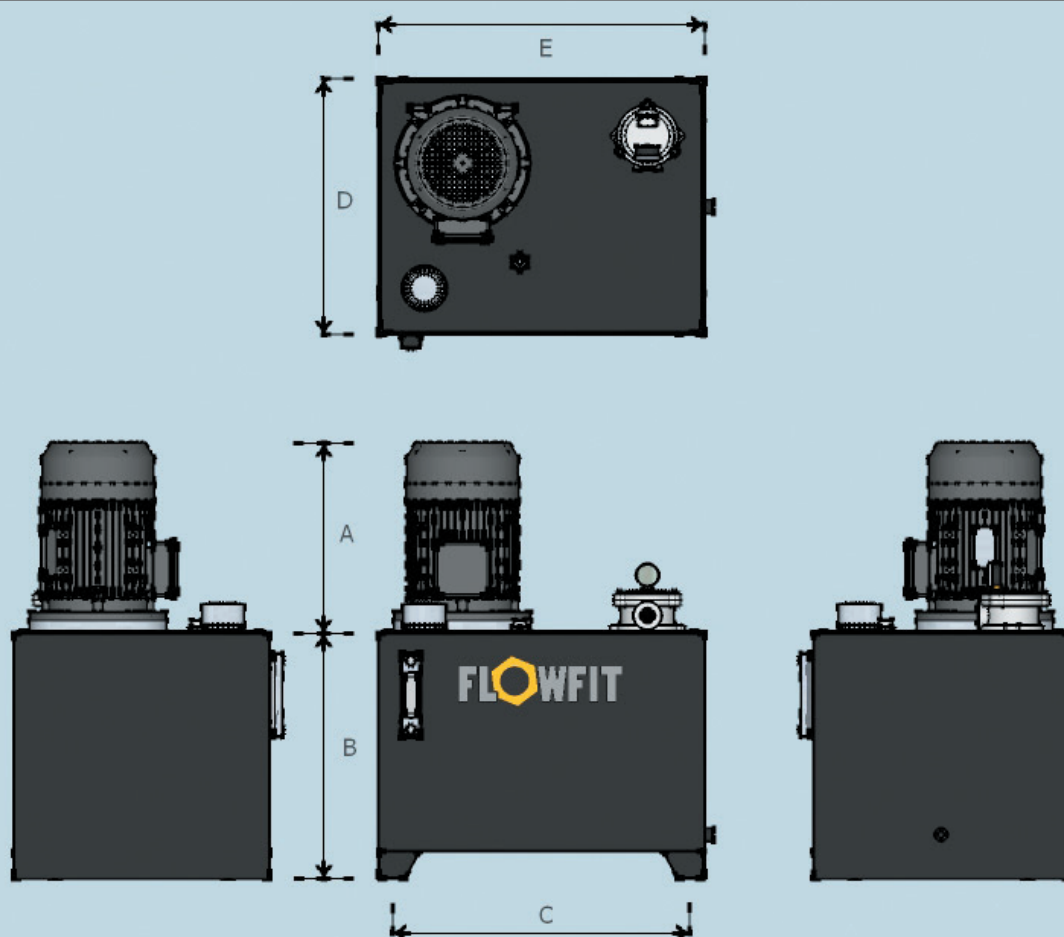
ALL POWER PACKS ARE FULLY ASSEMBLED AND TESTED. ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE

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



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

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

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 of 12vdc, 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

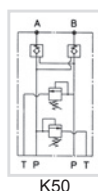
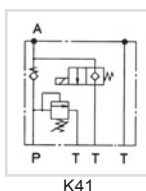
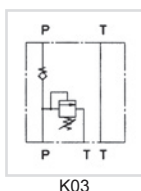
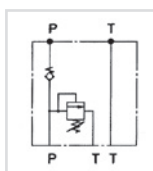
**STEP 1**  
SELECT FLOW  
EG: UP50/44  
£319.48

www.flowfitonline.com  
TECH. DATA SHEET  
**PU10**

**TO GENERATE YOUR FULL ORDER  
NUMBER SELECT THE COSTING CODE OR  
EACH COMPONENT**

COSTING CODE	FLOW L/MIN	MAX PRESS BAR	MOTOR SIZE KW	MOTOR TYPE	NETT. PRICE	
12VDC MOTOR					£ STERLING	€ EUROS
UP50/1	0.75	200	350w	12vdc	£475.44	€ 537.25
UP50/2	1.3	200	350w	12vdc	£475.44	€ 537.25
UP50/3	1.5	200	350w	12vdc	£475.44	€ 537.25
UP50/4	2	150	350w	12vdc	£475.44	€ 537.25
UP50/5	2.5	125	350w	12vdc	£475.44	€ 537.25
UP50/6	3.7	75	350w	12vdc	£475.44	€ 537.25
<b>12VDC MOTOR</b>						
UP50/7	1.2	200	800w	12vdc	£475.44	€ 537.25
UP50/8	2.2	200	800w	12vdc	£475.44	€ 537.25
UP50/9	2.6	200	800w	12vdc	£475.44	€ 537.25
UP50/10	2.8	200	800w	12vdc	£475.44	€ 537.25
UP50/11	3	200	800w	12vdc	£475.44	€ 537.25
UP50/12	3.5	160	800w	12vdc	£475.44	€ 537.25
<b>12VDC MOTOR</b>						
UP50/13	1.2	200	2000w	12vdc	£475.44	€ 537.25
UP50/14	2	200	2000w	12vdc	£475.44	€ 537.25
UP50/15	2.5	200	2000w	12vdc	£475.44	€ 537.25
UP50/16	3	200	2000w	12vdc	£475.44	€ 537.25
UP50/17	3.75	200	2000w	12vdc	£475.44	€ 537.25
UP50/18	4.75	175	2000w	12vdc	£475.44	€ 537.25
<b>24VDC MOTOR</b>						
UP50/19	1	200	400w	24vdc	£475.44	€ 537.25
UP50/20	1.25	200	400w	24vdc	£475.44	€ 537.25
UP50/21	1.6	175	400w	24vdc	£475.44	€ 537.25
UP50/22	2.2	150	400w	24vdc	£475.44	€ 537.25
UP50/23	3	125	400w	24vdc	£475.44	€ 537.25
UP50/24	4.4	75	400w	24vdc	£475.44	€ 537.25
<b>24VDC MOTOR</b>						
UP50/28	2.75	175	900w	24vdc	£570.53	€ 644.70
UP50/29	3	175	900w	24vdc	£570.53	€ 644.70
<b>24VDC MOTOR</b>						
UP50/31	1	200	2200w	24vdc	£600.94	€ 679.06
UP50/32	1.75	200	2200w	24vdc	£600.94	€ 679.06
UP50/33	2.25	200	2200w	24vdc	£600.94	€ 679.06
UP50/34	2.75	200	2200w	24vdc	£600.94	€ 679.06
UP50/35	3.5	200	2200w	24vdc	£600.94	€ 679.06
UP50/36	4.4	200	2200w	24vdc	£600.94	€ 679.06

COSTING CODE	FLOW L/MIN	MAX PRESS BAR	MOTOR SIZE KW	MOTOR TYPE	NETT. PRICE	
240VAC UNIT 4 POLE MOTOR					£ STERLING	€ EUROS
UP50/37	0.37	165	120w	240vac	£310.63	€ 351.01
UP50/38	0.75	120	180w	240vac	£310.63	€ 351.01
UP50/39	1.12	110	250w	240vac	£310.63	€ 351.01
UP50/40	1.35	140	370w	240vac	£323.30	€ 365.32
UP50/41	1.35	210	750w	240vac	£376.56	€ 425.51
UP50/42	2.4	115	550w	240vac	£363.86	€ 411.16
UP50/43	3.45	110	750w	240vac	£376.56	€ 425.51
415VAC UNIT 4 POLE MOTOR						
UP50/44	0.37	165	120w	415vac	£319.48	€ 361.02
UP50/45	0.75	120	180w	415vac	£319.48	€ 361.02
UP50/46	1.12	110	250w	415vac	£319.48	€ 361.02
UP50/47	1.35	140	370w	415vac	£323.30	€ 365.32
UP50/48	1.35	210	750W	415vac	£376.56	€ 425.51
UP50/49	2.4	115	550w	415vac	£355.01	€ 401.16
UP50/50	3.45	110	750w	415vac	£376.56	€ 425.51
48VDC UNIT						
48VDC UNITS			ADD TO 24VDC PRICES ABOVE		£126.79	€ 143.27



**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.	£183.86	€ 207.76

**STEP 3**  
SELECT VALVES  
EG: XXX  
£0.00

MANUAL COSTING CODE	CONTROL VALVES	NETT. PRICE	
		£ STERLING	€ EUROS
ZR817/22TV	Manual release valve screw in type (K41 only)	£108.92	€ 123.08
ZRZR817/22TVMS	Manual lever control c/w safety lock and microswitch (K41)	£138.20	€ 156.17
<b>SOLENOID</b>			
NOV*****	Normally open valve for single acting any voltage. (K41 only)	£135.68	€ 153.32
NCV*****	Normally closed valve for single acting any voltage. (K41 only)	£106.50	€ 120.35
6013SOL	One double or single electro valve c/w manifold. (K03 only)	£280.20	€ 316.63
6023SOL	Two double and/or single electro valves c/w manifold. (K03 only)	£504.60	€ 570.20
XXX	Not required	£0.00	€ 0.00
<b>EXTRAS</b>			
VRC	Throttle compensated flow valve (K41 only)	£22.29	€ 25.19
SMB	Steel mounting bracket for fitting to housing.	£12.04	€ 13.61
DCM	Plastic motor cover for DC motors.	£20.93	€ 23.65
*****= 12vdc, 24vdc, 24vac, 110vac and 220vac			

**USE TECH. DATA SHEET PU10 FOR PRODUCTS ON THIS PAGE**

**STEP 4**  
SELECT RESERVOIR  
4L  
£44.36

COSTING CODE	RESERVOIR SIZES	NETT. PRICE	
		£ STERLING	€ EUROS
XXX	NO TANK FITTED FLANGE KIT ONLY SUPPLIED	£8.23	€ 9.30
0.5L	0.5 LITRE PLASTIC	£24.11	€ 27.24
1L	1 LITRE PLASTIC	£27.88	€ 31.50
1.5L	1.5 LITRE PLASTIC	£30.43	€ 34.38
1.6L	1.6 LITRE PLASTIC	£33.60	€ 37.97
2.5L	2.5 LITRE PLASTIC	£39.50	€ 44.64
4L	4 LITRE PLASTIC	£44.36	€ 50.13

**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.	BUCHER CODING	FLOW L/MIN	MAX PRESS BAR	MOTOR SIZE KW	MOTOR TYPE	NETT. PRICE	
PART NUMBER						£ STERLING	€ EUROS
ET/1.2/12VDC	T107E/R106/E45/AP100/1.2/319	4	200	1.7	12vdc	£379.09	€ 428.37
ET/1.7/12VDC	T107E/R106/E45/AP100/1.7/319	4.5	175	1.7	12vdc	£379.09	€ 428.37
ET/2.5/12VDC	T107E/R106/E45/AP100/2.5/319	9	150	1.7	12vdc	£379.09	€ 428.37
ET/3.5/12VDC	T107E/R106/E45/AP100/3.5/319	9.5	100	1.7	12vdc	£379.09	€ 428.37
ET/4.3/12VDC	T107E/R106/E45/AP100/4.3/319	12	75	1.7	12vdc	£379.09	€ 428.37
ET/5/12VDC	T107E/R106/E45/AP100/5/319	13.5	75	1.7	12vdc	£379.09	€ 428.37
ET/6.5/12VDC	T107E/R106/E45/AP100/6.5/319	17	50	1.7	12vdc	£379.09	€ 428.37
ET/8/12VDC	T107E/R106/E45/AP1008/319	22.5	25	1.7	12vdc	£385.42	€ 435.53

24VDC FOR INTERMITTENT DUTY CYCLE.	BUCHER CODING	FLOW L/MIN	MAX PRESS BAR	MOTOR SIZE KW	MOTOR TYPE	NETT. PRICE	
PART NUMBER						£ STERLING	€ EUROS
ET/1.2/24VDC	T109E/R209/E45/AP100/1.2/319	4	200	2.2	24vdc	£496.74	€ 561.32
ET/1.7/24VDC	T109E/R209/E45/AP100/1.7/319	4.5	200	2.2	24vdc	£496.74	€ 561.32
ET/2.5/24VDC	T109E/R209/E45/AP100/2.5/319	6	200	2.2	24vdc	£496.74	€ 561.32
ET/3.5/24VDC	T109E/R209/E45/AP100/3.5/319	7	175	2.2	24vdc	£496.74	€ 561.32
ET/4.3/24VDC	T109E/R209/E45/AP100/4.3/319	8	150	2.2	24vdc	£496.74	€ 561.32
ET/5/24VDC	T109E/R209/E45/AP100/5/319	9	125	2.2	24vdc	£496.74	€ 561.32
ET/6.5/24VDC	T109E/R209/E45/AP100/6.5/319	12.5	100	2.2	24vdc	£496.74	€ 561.32
ET/8/24VDC	T109E/R209/E45/AP1008/319	16	75	2.2	24vdc	£496.74	€ 561.32

All motor pump sets above will deliver more flow at lower pressure.

24VDC FOR CONTINUOUS DUTY CYCLE.	BUCHER CODING	FLOW L/MIN	MAX PRESS BAR	MOTOR SIZE KW	MOTOR TYPE	NETT. PRICE	
PART NUMBER							
ET/54/4.5/24VDC	ET/54/4.5/24VDC	8	150	2.2	24vdc	£ 1,375.62	€ 1,554.45
ET/54/6.5/24VDC	ET/54/6.5/24VDC	12.5	100	2.2	24vdc	£ 1,375.62	€ 1,554.45
ET/54/8.5/24VDC	ET/54/8.5/24VDC	16	75	2.2	24vdc	£ 1,375.62	€ 1,554.45

OPTIONAL EXTRAS		NETT. PRICE	
		£ STERLING	€ EUROS
RV	Relief valve fitted to the pump.	£119.19	€ 134.68
SMB	Steel mounting bracket for fitting to housing.	£12.04	€ 13.61
DCM	Plastic motor cover for DC motors.	£20.93	€ 23.65

## 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  
£1,639.20

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	£1,639.20	€ 1,852.29
ZZ001758	GX270UT2QXQ4	3.6	9.5	PULL	19.5 L/MIN @ 1500PSI	GEAR	YES	1015 x 385 x 600	£1,973.72	€ 2,230.30
ZZ001760	GX390UT2QXQ4	5.3	13	PULL	24 L/MIN @ 1500PSI	GEAR	YES	1015 x 385 x 600	£2,475.53	€ 2,797.35



**STEP 2**  
SELECT ADD ON EXTRAS  
EG: PG4  
£24.74

COSTING CODE	ADD ON EXTRAS	NETT. PRICE	
		£ STERLING	€ EUROS
PG1	PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG2	PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG4	PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG6	PRESSURE GAUGE 0-6000PSI PLUS ISOLATOR	£24.74	€ 27.95
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	£27.31	€ 30.86
CETOP 3 2STN M/FOLD	32	MD-03P-2-G	£50.06	€ 56.57
CETOP 3 3STN M/FOLD	33	MD-03P-3-G	£73.58	€ 83.15
CETOP 3 4STN M/FOLD	34	MD-03P-4-G	£100.13	€ 113.14
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	£57.53	€ 65.01
NG 6 S/ACTING VALVE	NG6S	£42.78	€ 48.34
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	£55.74	€ 62.99
3/8" 2 BANK D/ACTING S/RETURN VALVE	P2	HDM11P/2	£130.49	€ 147.46
3/8" 3 BANK D/ACTING S/RETURN VALVE	P3	HDM11P/3	£184.01	€ 207.93
3/8" 4 BANK D/ACTING S/RETURN VALVE	P4	HDM11P/4	£222.46	€ 251.38
3/8" 5 BANK D/ACTING S/RETURN VALVE	P5	HDM11P/5	£265.98	€ 300.55
3/8" 6 BANK D/ACTING S/RETURN VALVE	P6	HDM11P/6	£301.08	€ 340.22
1/2" 1 BANK D/ACTING S/RETURN VALVE	S1	HDM11S/1	£105.38	€ 119.08
1/2" 2 BANK D/ACTING S/RETURN VALVE	S2	HDM11S/2	£162.25	€ 183.34
1/2" 3 BANK D/ACTING S/RETURN VALVE	S3	HDM11S/3	£210.76	€ 238.15
1/2" 4 BANK D/ACTING S/RETURN VALVE	S4	HDM11S/4	£259.28	€ 292.98
1/2" 5 BANK D/ACTING S/RETURN VALVE	S5	HDM11S/5	£314.45	€ 355.33
1/2" 6 BANK D/ACTING S/RETURN VALVE	S6	HDM11S/6	£332.87	€ 376.14
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  
£1,567.48

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	£1,567.48	€ 1,771.25
ZZ001758	G270FQ	6.7	9.5	PULL	19.5 L/MIN @ 1500PSI	GEAR	YES	1015 x 385 x 600	£2,072.41	€ 2,341.82
ZZ001760	G390FQ	9.7	13	PULL	24 L/MIN @ 1500PSI	GEAR	YES	1015 x 385 x 600	£2,599.31	€ 2,937.22



**STEP 2**  
SELECT ADD ON EXTRAS  
EG: PG4  
£25.98

COSTING CODE	ADD ON EXTRAS	NETT. PRICE	
		£ STERLING	€ EUROS
PG1	PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR	£25.98	€ 29.35
PG2	PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR	£25.98	€ 29.35
PG4	PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR	£25.98	€ 29.35
PG6	PRESSURE GAUGE 0-6000PSI PLUS ISOLATOR	£25.98	€ 29.35
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	£28.68	€ 32.40
CETOP 3 2STN M/FOLD	32	MD-03P-2-G	£52.56	€ 59.40
CETOP 3 3STN M/FOLD	33	MD-03P-3-G	£77.26	€ 87.30
CETOP 3 4STN M/FOLD	34	MD-03P-4-G	£105.14	€ 118.80
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	£60.41	€ 68.26
NG 6 S/ACTING VALVE	NG6S	£44.92	€ 50.76
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	£53.09	€ 59.99
3/8" 2 BANK D/ACTING S/RETURN VALVE	P2	HDM11P/2	£124.28	€ 140.43
3/8" 3 BANK D/ACTING S/RETURN VALVE	P3	HDM11P/3	£175.25	€ 198.03
3/8" 4 BANK D/ACTING S/RETURN VALVE	P4	HDM11P/4	£211.87	€ 239.41
3/8" 5 BANK D/ACTING S/RETURN VALVE	P5	HDM11P/5	£253.31	€ 286.24
3/8" 6 BANK D/ACTING S/RETURN VALVE	P6	HDM11P/6	£286.74	€ 324.02
1/2" 1 BANK D/ACTING S/RETURN VALVE	S1	HDM11S/1	£100.36	€ 113.41
1/2" 2 BANK D/ACTING S/RETURN VALVE	S2	HDM11S/2	£154.52	€ 174.61
1/2" 3 BANK D/ACTING S/RETURN VALVE	S3	HDM11S/3	£200.72	€ 226.81
1/2" 4 BANK D/ACTING S/RETURN VALVE	S4	HDM11S/4	£246.93	€ 279.03
1/2" 5 BANK D/ACTING S/RETURN VALVE	S5	HDM11S/5	£299.48	€ 338.41
1/2" 6 BANK D/ACTING S/RETURN VALVE	S6	HDM11S/6	£317.02	€ 358.23
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 can offer 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  
£3,679.84

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	£3,679.84	€ 4,158.22
ZZ001640	2G40	14.7	19.7	12 VOLT	36 L/MIN @ 2900PSI	GEAR	YES	1015 x 385 x 600	£6,690.61	€ 7,560.39

\*12V START AVAILABLE ON REQUEST



#### STEP 2

SELECT ADD ON EXTRAS  
EG: PG4  
£24.74

COSTING CODE	ADD ON EXTRAS	NETT. PRICE	
		£ STERLING	€ EUROS
PG1	PRESSURE GAUGE 0-1000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG2	PRESSURE GAUGE 0-2000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG4	PRESSURE GAUGE 0-4000PSI PLUS ISOLATOR	£24.74	€ 27.95
PG6	PRESSURE GAUGE 0-6000PSI PLUS ISOLATOR	£24.74	€ 27.95
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	£27.31	€ 30.86
CETOP 3 2STN M/FOLD	32	MD-03P-2-G	£50.06	€ 56.57
CETOP 3 3STN M/FOLD	33	MD-03P-3-G	£73.84	€ 83.43
CETOP 3 4STN M/FOLD	34	MD-03P-4-G	£100.13	€ 113.14
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	£57.53	€ 65.01
NG 6 S/ACTING VALVE	NG6S	£42.78	€ 48.34
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	£53.09	€ 59.99
3/8" 2 BANK D/ACTING S/RETURN VALVE	P2	HDM11P/2	£124.28	€ 140.43
3/8" 3 BANK D/ACTING S/RETURN VALVE	P3	HDM11P/3	£175.25	€ 198.03
3/8" 4 BANK D/ACTING S/RETURN VALVE	P4	HDM11P/4	£211.87	€ 239.41
3/8" 5 BANK D/ACTING S/RETURN VALVE	P5	HDM11P/5	£253.31	€ 286.24
3/8" 6 BANK D/ACTING S/RETURN VALVE	P6	HDM11P/6	£286.74	€ 324.02
1/2" 1 BANK D/ACTING S/RETURN VALVE	S1	HDM11S/1	£100.36	€ 113.41
1/2" 2 BANK D/ACTING S/RETURN VALVE	S2	HDM11S/2	£154.52	€ 174.61
1/2" 3 BANK D/ACTING S/RETURN VALVE	S3	HDM11S/3	£200.72	€ 226.81
1/2" 4 BANK D/ACTING S/RETURN VALVE	S4	HDM11S/4	£246.93	€ 279.03
1/2" 5 BANK D/ACTING S/RETURN VALVE	S5	HDM11S/5	£299.48	€ 338.41
1/2" 6 BANK D/ACTING S/RETURN VALVE	S6	HDM11S/6	£317.02	€ 358.23
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](mailto: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 CONTAIN 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**



# PETROL AND DIESEL ENGINES

PRODUCT	PAGE
HONDA 4 STROKE PETROL ENGINES	297
LONCIN 4 STROKE PETROL ENGINES	298
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HATZ DIESEL ENGINES	



**QUALITY PRODUCTS**



**FREE ADVICE**



## HONDA 4 STROKE PETROL ENGINES

Honda's GX series engines are legendary for superior reliability and performance. And there's no doubt about it: the GX series lives up to the Honda reputation. Lower noise levels, lower vibration and lower emissions – without sacrificing power output or performance.

### Engine features:

- OHV design enhances combustion efficiency
- High power-to-displacement ratio
- Easy starting with an automatic decompression system
- High quality materials and purpose-built components which ensure reliable, long-term use
- Exceeds European exhaust emission legislation
- Low fuel and oil consumption

### Common Applications:

- Pressure washers
- Commercial lawn and garden equipment
- Tillers / cultivators
- Generators
- Construction / industrial equipment
- Agricultural equipment
- Water pumps

## HONDA SINGLE CYLINDER 4 STROKE AIR COOLED PETROL ENGINE

www.flowfitonline.com  
TECH. DATA SHEET  
**HON1**



PART NUMBER	HORSE POWER	NET POWER / 3600 RPM	STARTING SYSTEM	COLOUR	USE	NETT. PRICE	
						£ STERLING	€ EUROS
<b>NEW</b> GP160HQX35S	5.5	3.6 kW (4.8 HP)	RECOIL START	WHITE	WORLDWIDE USE	£229.32	€ 259.13
GP200HQX35S	6.5	4.3 kW (5.8 HP)	RECOIL START	WHITE	WORLDWIDE USE	£269.01	€ 303.98
GX160H1QX30H	5.5	3.6 kW (4.8 HP)	RECOIL START	RED	EU ONLY	£328.55	€ 371.26
GX160UT2QX4OH	5.5	3.6 kW (4.8 HP)	RECOIL START	RED	WORLDWIDE USE	£360.52	€ 407.38
GX160UT2QXE5	5.5	3.6 kW (4.8 HP)	ELECTRIC START	RED	WORLDWIDE USE	£658.19	€ 743.76
GX200HQX30H	6.5	4.3 kW (5.8 HP)	RECOIL START	RED	EU ONLY	£312.01	€ 352.57
GX270UT2QXQ4OH	9.5	6.3 kW (8.4 HP)	RECOIL START	RED	WORLDWIDE USE	£641.66	€ 725.07
GX390UT2QXQ4OH	13	8.7 kW (11.7 HP)	RECOIL START	RED	WORLDWIDE USE	£700.09	€ 791.10
GX390UT2QXE4OH	13	8.7 kW (11.7 HP)	ELECTRIC START	RED	WORLDWIDE USE	£1,035.25	€ 1,169.83

## HONDA TWIN ENGINE 4 STROKE AIR COOLED PETROL ENGINE

www.flowfitonline.com  
TECH. DATA SHEET  
**HON2**



PART NUMBER	HORSE POWER	NET POWER / 3600 RPM	STARTING SYSTEM	COLOUR	USE	NETT. PRICE	
						£ STERLING	€ EUROS
GX630RHQZE4OH	20.8	15.5 kW (20.8 HP)	ELECTRIC & RECOIL START	RED	WORLDWIDE USE	£1,488.38	€ 1,681.86

## LONCIN 4 STROKE PETROL AND DIESEL 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.

### 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

www.flowfitonline.com  
TECH. DATA SHEET  
**PE01**



PART NO.	FUEL TYPE	HORSEPOWER HP	RECOIL START	ELECTRIC START	OIL ALERT	NETT. PRICE	
						£ STERLING	€ EUROS
LC154F	Petrol	2.1	YES	NO	YES	£190.41	€ 215.16
G120F-P	Petrol	3.5	YES	NO	YES	£190.41	€ 215.16
G160F-P	Petrol	5.5	YES	NO	YES	£255.69	€ 288.92
G200F-P	Petrol	6.5	YES	NO	YES	£258.71	€ 292.34
G270F-P	Petrol	9	YES	NO	YES	£466.22	€ 526.83
G340F-P	Petrol	11	YES	NO	YES	£479.37	€ 541.68
G390F-P	Petrol	13	YES	NO	YES	£495.73	€ 560.17
G420F-P	Petrol	15	YES	YES	YES	£583.87	€ 659.78
LC2V78FD	Petrol	19.7	YES	YES	YES	£1,026.34	€ 1,159.77
<b>NEW</b> D350FD	Diesel	6.5	YES	YES	YES	£681.71	€ 770.34
D440FD	Diesel	9	YES	YES	YES	£779.08	€ 880.36



## 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002195	HATZ 1B20 4.2HP DIESEL ENGINE WITH 12 VOLT START	£2,026.44	€ 2,289.87

### 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002194	HATZ 1B20 4.2HP DIESEL ENGINE WITH RECOIL START	£1,522.61	€ 1,720.54

### 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002196	HATZ 1B30 6.3HP 4.6 KW DIESEL ENGINE WITH RECOIL START	£1,743.80	€ 1,970.49

## 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002197	HATZ 1B30 6.3HP DIESEL ENGINE WITH 12 VOLT START	£2,077.34	€ 2,347.40

## 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002199	HATZ 1B40 9.2HP DIESEL ENGINE WITH 12 VOLT START	£2,628.60	€ 2,970.32

## 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002198	HATZ 1B40 9.2HP DIESEL ENGINE WITH RECOIL START	£2,137.05	€ 2,414.87

## 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002201	HATZ 1D50Z 10.2HP DIESEL ENGINE WITH 12 VOLT START	£3,433.52	€ 3,879.88

## 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002200	HATZ 1D50Z 10.2HP DIESEL ENGINE WITH HANDLE START	£3,023.90	€ 3,417.00

## 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002203	HATZ 1D81Z 13.7HP DIESEL ENGINE WITH 12 VOLT START	£3,499.68	€ 3,954.64



## 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002202	HATZ 1D81Z 13.7HP DIESEL ENGINE WITH HANDLE START	£3,400.75	€ 3,842.85

## 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
- Lift/ 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 60kw).

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ002204	HATZ 2G40 20HP DIESEL ENGINE WITH 12 VOLT START	£4,252.56	€ 4,805.40

# ENGINE DRIVEN HYDRAULIC GEAR PUMP SETS

PRODUCT	PAGE
PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP SETS	304
PETROL ENGINE DRIVEN HYDRAULIC HI-LOW GEAR PUMP SETS	305
DIESEL ENGINE DRIVEN HYDRAULIC HI-LOW GEAR PUMP SETS	309



**QUALITY PRODUCTS**



**FREE ADVICE**



## 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.

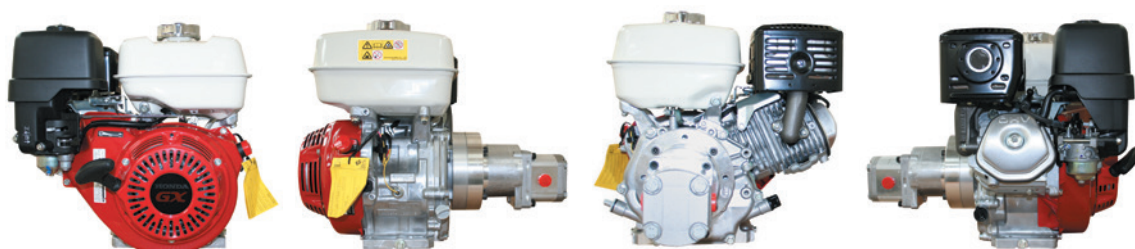
### HONDA SINGLE CYLINDER 4-STROKE PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP

www.flowfitonline.com  
TECH. DATA SHEET  
**PE02**

Honda single cylinder 4-stroke air cooling petrol engine, comes with Flowfit Bell housing, Drive Coupling and provided with the Gear Pump listed in the table below.

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	6.5	GX200	£620.98	€ 701.71
ZZ002402	19.5	3045	6.3	9	GX270	£1,051.39	€ 1,188.07
ZZ002404	24	3045	8	13	GX390	£1,218.65	€ 1,377.08



### HONDA TWIN CYLINDER 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, comes with Flowfit Bell housing, Drive Coupling and provided with the Gear Pump listed in the table below.

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 \* supplied separately

PART NO.	FLOW L/MIN	PRESSURE PSI	PUMP CC	ENGINE HP	ENGINE MODEL	NETT. PRICE	
						£ STERLING	€ EUROS
ZZ004679	33	3000	11	20	GX630-F-M	£2,502.09	€ 2,827.36

#### ELECTRIC START ON ANY ENGINE

#### NETT. PRICE

	£ STERLING	€ EUROS
FOR ELECTRIC START	ADD + £104.17	ADD + € 117.71

## LONCIN SINGLE CYLINDER 4-STROKE PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP

www.flowfitonline.com  
TECH. DATA SHEET  
**PE02**

Loncin single cylinder 4-stroke air cooling petrol engine, comes with Flowfit Bell housing, Drive Coupling and provided with the Gear Pump listed in the table below.

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	£423.83	€ 478.93
ZZ000142	19.5	3045	6.3	9	G270	£724.73	€ 818.95
ZZ000144	24	3045	8	13	G390	£755.72	€ 853.96



## LONCIN SINGLE CYLINDER 4-STROKE DIESEL ENGINE DRIVEN HYDRAULIC GEAR PUMP

www.flowfitonline.com  
TECH. DATA SHEET  
**PE02**

Loncin single cylinder 4-stroke air cooling Diesel engine, comes with Flowfit Bell housing, Drive Coupling and provided with the Gear Pump listed in the table below.

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
ZZ010400	10.5	3045	3.2	6.5	D350FD	£918.52	€ 1,037.93
ZZ009230	19.5	3045	6.3	9	D440FD	£1,456.71	€ 1,646.08

## 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 6.5 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

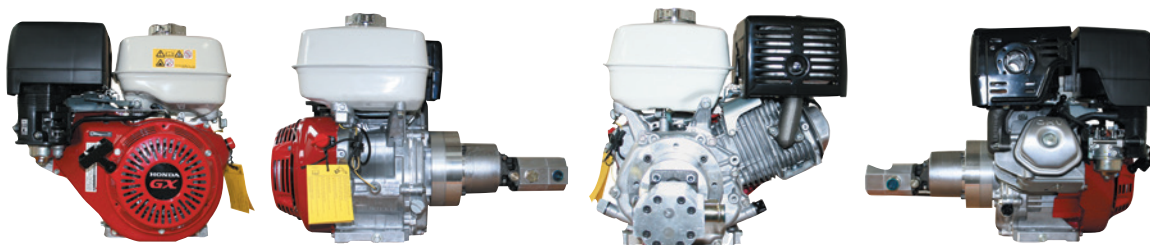
www.flowfitonline.com  
TECH. DATA SHEET  
**PE03**

Honda gx200ut1qx4 6.5 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	6.5	GX200UT1QX4	£669.06	€ 756.04



## LONCIN 5.5 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

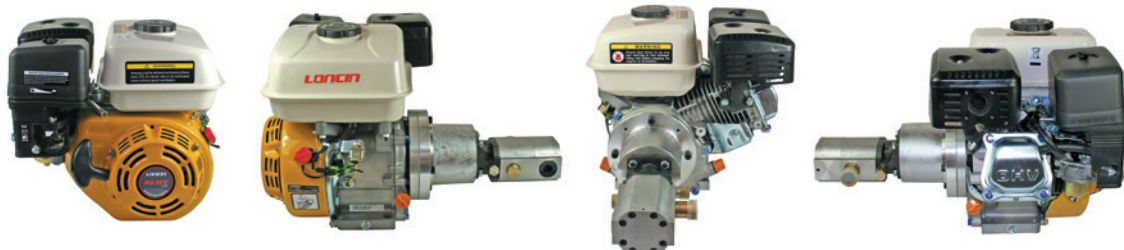
www.flowfitonline.com  
TECH. DATA SHEET  
**PE03**

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	£474.03	€ 535.66



### 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.

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.

**TOTAL FLOW L/MIN @900 PSI AND 3600 RPM**

36 L/MIN

**TOTAL FLOW L/MIN @3000 PSI AND 3600 RPM**

12.96 L/MIN



## HONDA 9 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

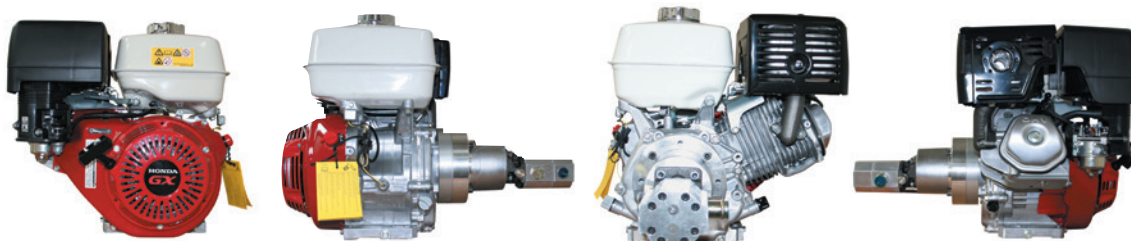
www.flowfitonline.com  
TECH. DATA SHEET  
**PE03**

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	£1,035.46	€ 1,170.07



## LONCIN 9 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

www.flowfitonline.com  
TECH. DATA SHEET  
**PE03**

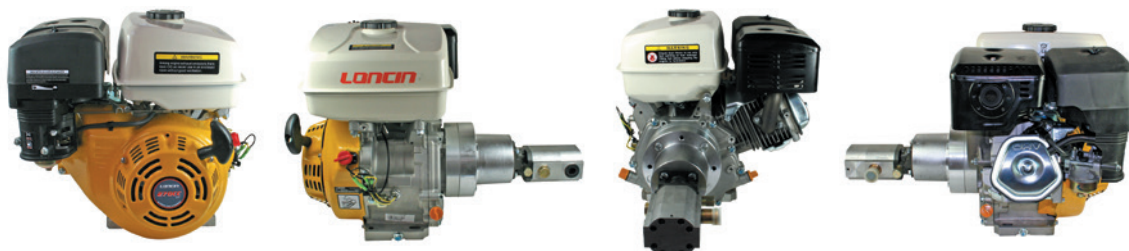
Loncin G270 9.0 hp single cylinder 4-stroke air cooling petrol engine, Flowfit bell housing and drive coupling, hi-low gear pump giving 44.6l/min@ 3000psi.

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	£720.18	€ 813.81



### 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	£1,205.90	€ 1,362.67

## LONCIN 13 HP PETROL ENGINE DRIVEN HYDRAULIC GEAR PUMP HI-LOW

www.flowfitonline.com  
TECH. DATA SHEET  
**PE03**

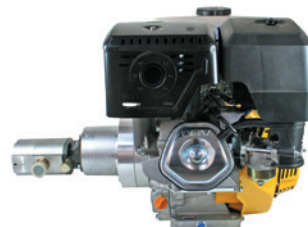
Loncin G390 13 hp single cylinder 4-stroke air cooling petrol engine, flowfit bell housing and drive coupling, hi-low gear pump giving 61.5l/min@ 3000psi.

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	£815.30	€ 921.29



### 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	£2,706.07	€ 3,057.86

# LONCIN 6.5 HP DIESEL ENGINE DRIVEN HYDRAULIC HI-LOW GEAR PUMP

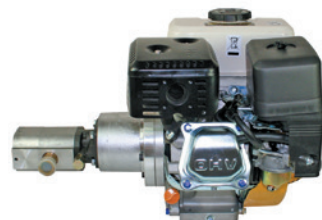
www.flowfitonline.com  
TECH. DATA SHEET  
**PE03**

Loncin D350FD 5.5 HP single cylinder 4-stroke air cooling Diesel 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
ZZ010401	36	3000	2 STAGE	6.5	D350FD	£986.36	€ 1,114.59



## FLOWFIT DIESEL ENGINE DRIVEN HI-LO PUMP CAPABLE OF PRODUCING 36 L/MIN OF FLOW AND 3000 PSI OF PRESSURE

These 2 stage diesel 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 DIESEL ENGINE DRIVEN HI-LO PUMPSET CONSISTS OF:

- LONCIN 5.5 HP SINGLE CYLINDER 4-STROKE AIR COOLING DIESEL 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 DIESEL PUMP SETS ARE FULLY ASSEMBLED AND ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE.

THESE DIESEL 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 DIESEL DRIVEN POWER PACKS ARE BASED ON A RANGE OF LONCIN DIESEL 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.

### TOTAL FLOW L/MIN @900 PSI AND 3600 RPM

36 L/MIN

### TOTAL FLOW L/MIN @3000 PSI AND 3600 RPM

12.96 L/MIN

# LONCIN 9 HP DIESEL ENGINE DRIVEN HYDRAULIC HI-LOW GEAR PUMP

Loncin D440FD 9 HP single cylinder 4-stroke air cooling Diesel engine, flowfit bell housing and drive coupling, hi-low gear pump giving 44.6l/min @ 3000psi

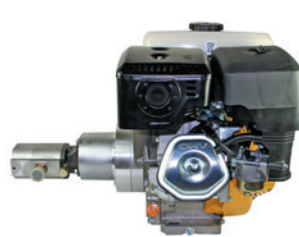
1st pump 8.8cc/rev · 2nd pump 3.6cc/rev

Please note at slower rpm pressure can be increased and flow can be decreased with slower engine setting.

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TECH. DATA SHEET  
**PE03**

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
ZZ010401	44.6	3000	2 STAGE	9	D440FD	£1,413.91 € 1,597.72



## FLOWFIT DIESEL ENGINE DRIVEN HI-LO PUMP CAPABLE OF PRODUCING 49.9 L/MIN OF FLOW AND 3000 PSI OF PRESSURE

These 2 stage diesel 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 DIESEL ENGINE DRIVEN HI-LO PUMPSET CONSISTS OF:

- LONCIN 9 HP SINGLE CYLINDER 4-STROKE AIR COOLING DIESEL 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 DIESEL PUMP SETS ARE FULLY ASSEMBLED AND ISSUED WITH 12 MONTHS WARRANTY FROM INVOICE DATE.

THESE DIESEL 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 DIESEL DRIVEN POWER PACKS ARE BASED ON A RANGE OF LONCIN DIESEL 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.

# FLOWFIT HYDRAULIC MOTORS

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**QUALITY PRODUCTS**

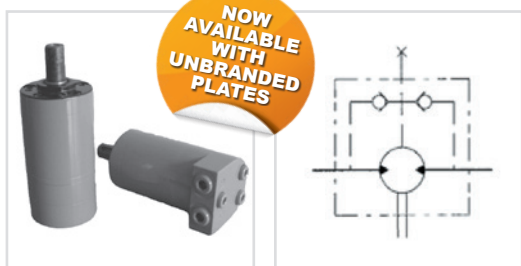


**FREE ADVICE**

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

# HYDRAULIC MOTOR SERIES FFPMM

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**FHM01**



**NOW AVAILABLE WITH UNBRANDED PLATES**

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 [cm <sup>3</sup> /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

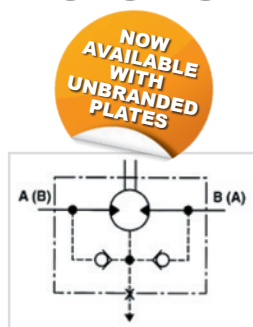
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPMM12.5C	Hydraulic motor FFPMM12.5C, 12,9 ccm/REV, shaft 16mm, G 3/8 inch, rear ports	£80.43	€ 90.89
FFPMM20C	Hydraulic motor FFPMM20C, 19,9 ccm/REV, shaft 16mm, G3/8 inch, rear ports	£80.43	€ 90.89
FFPMM32C	Hydraulic motor FFPMM32C, 31,6 ccm/REV, shaft 16mm, G3/8 inch, rear ports	£82.24	€ 92.93
FFPMM32SH	Hydraulic motor FFPMM32SH, 31,6 ccm/REV, splined shaft 16,5mm 14 T., G3/8 inch, rear ports	£84.03	€ 94.96
FFPMM40C	Hydraulic motor FFPMM40C, 39,8 ccm/REV, shaft 16mm, G 3/8 inch, rear ports	£84.03	€ 94.96
FFPMM40SH	Hydraulic motor FFPMM40SH, 39,8 ccm/REV, splined shaft 16,5mm 14 T., G3/8 inch, rear ports	£85.83	€ 96.98
FFPMM50C	Hydraulic motor FFPMM50C, 50,3 ccm/REV, shaft 16mm, G 3/8 inch, rear ports	£85.83	€ 96.98
FFPMM8C	Hydraulic motor FFPMM8C, 8,2 ccm/REV, shaft 16mm, G 3/8 inch, rear ports	£80.82	€ 91.32
FFPMMFS12.5C	Hydraulic motor FFPMMFS12.5C, 12,9 ccm/REV, shaft 16mm, G 3/8 inch, oval mount, side ports	£92.98	€ 105.06
FFPMMFS20C	Hydraulic motor FFPMMFS20C, 19,9 ccm/REV, shaft 16mm, G 3/8 inch, oval mount, side ports	£92.98	€ 105.06
FFPMMFS32C	Hydraulic motor FFPMMFS32C, 31,6 ccm/REV, shaft 16mm, G 3/8 inch, oval mount, side ports	£94.96	€ 107.31
FFPMMFS8C	Hydraulic motor FFPMMFS8C, 8,2 ccm/REV, shaft 16mm, G 3/8 inch, oval mount, side ports	£94.96	€ 107.31
FFPMMS12.5C	Hydraulic motor FFPMMS12.5C, 12,9 ccm/REV, shaft 16mm, G 3/8 inch, side ports	£90.05	€ 101.75
FFPMMS20C	Hydraulic motor FFPMMS20C, 19,9 ccm/REV, shaft 16mm, G 3/8 inch, side ports	£90.05	€ 101.75
FFPMMS32C	Hydraulic motor FFPMMS32C, 31,6 ccm/REV, shaft 16mm, G 3/8 inch, side ports	£92.03	€ 104.00
FFPMMS40C	Hydraulic motor FFPMMS40C, 39,8 ccm/REV, shaft 16mm, G 3/8 inch, side ports	£94.01	€ 106.23
FFPMMS50C	Hydraulic motor FFPMMS50C, 50,3 ccm/REV, shaft 16mm, G 3/8 inch, side ports	£95.95	€ 108.42
FFPMMS8C	Hydraulic motor FFPMMS8C, 8,2 ccm/REV, shaft 16mm, G 3/8 inch, side ports	£90.05	€ 101.75

(1) Intermittent 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

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TECH. DATA SHEET  
**FHM02**



**NOW AVAILABLE WITH UNBRANDED PLATES**

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 <sup>3</sup> /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

(3) Intermittent operation rating applies to 6 sec. of every minute

(2) FFPM Motor with C, CO and S shafts

(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	£95.90	€ 108.36
FFPM100CD	Hydraulic motor FFPM100CD, 98,6 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS	£91.29	€ 103.15
FFPM100COD	Hydraulic motor FFPM100COD, 98,6 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS	£99.97	€ 112.97
FFPM100SHD	Hydraulic motor FFPM100SHD, 98,6 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS	£99.97	€ 112.97
FFPM125CB	Hydraulic motor FFPM125CB, 123,5 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch	£98.00	€ 110.74
FFPM125CD	Hydraulic motor FFPM125CD, 123,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS	£93.21	€ 105.33
FFPM125COD	Hydraulic motor FFPM125CD, 123,5 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS	£102.07	€ 115.34
FFPM125SHD	Hydraulic motor FFPM125SHD, 123,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch	£102.07	€ 115.34
FFPM160CB	Hydraulic motor FFPM160CB, 158,6 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, HPS	£101.27	€ 114.44
FFPM160CD	Hydraulic motor FFPM160CD, 158,6 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS	£96.19	€ 108.70
FFPM160COD	Hydraulic motor FFPM160CD, 158,6 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS	£105.35	€ 119.04
FFPM160SHD	Hydraulic motor FFPM160SHD, 158,6 ccm/REV, splined SAE 6B, 2-hole SAE A, G 1/2 inch, G1/2"	£105.35	€ 119.04
FFPM200CB	Hydraulic motor FFPM200CB, 197,9 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, HPS	£104.35	€ 117.91

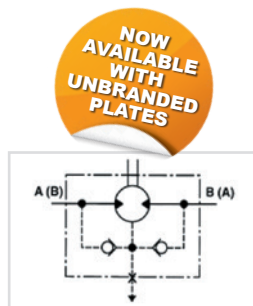
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPM200CD	Hydraulic motor FFPM200CD, 197,9 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS	£99.57	€ 112.52
FFPM200COD	Hydraulic motor FFPM200COD, 197,9 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS	£109.04	€ 123.22
FFPM200SHD	Hydraulic motor FFPM200SHD, 197,9 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS	£109.04	€ 123.22
FFPM250CB	Hydraulic motor FFPM250CB, 247,5 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, G 1/2"	£107.60	€ 121.59
FFPM250CD	Hydraulic motor FFPM250CD, 247,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS	£101.99	€ 115.24
FFPM250COD	Hydraulic motor FFPM250COD, 247,5 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS	£111.69	€ 126.21
FFPM250SHD	Hydraulic motor FFPM250SHD, 247,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch	£111.69	€ 126.21
FFPM315CB	Hydraulic motor FFPM315CB, 316,5 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, HPS	£109.90	€ 124.19
FFPM315CD	Hydraulic motor FFPM315CD, 316,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS	£104.07	€ 117.59
FFPM315COD	Hydraulic motor FFPM315COD, 316,5 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS	£113.97	€ 128.78
FFPM315SHD	Hydraulic motor FFPM315SHD, 316,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS	£113.97	€ 128.78
FFPM400CB	Hydraulic motor FFPM400CB, 396,5ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch, HPS	£113.30	€ 128.02
FFPM400CD	Hydraulic motor FFPM400CD, 396,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS	£107.15	€ 121.08
FFPM400COD	Hydraulic motor FFPM400COD, 396,5 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS	£117.37	€ 132.63
FFPM400SHD	Hydraulic motor FFPM400SHD, 396,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS	£117.37	€ 132.63
FFPM50CB	Hydraulic motor FFPM50CB, 51,2 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch	£91.63	€ 103.55
FFPM50CD	Hydraulic motor FFPM50CD, 51,2 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS	£87.38	€ 98.74
FFPM50COD	Hydraulic motor FFPM50COD, 51,2 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS	£95.70	€ 108.14
FFPM50SHD	Hydraulic motor FFPM50SHD, 51,2 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS	£95.70	€ 108.14
FFPM80CB	Hydraulic motor FFPM80CB, 78,8 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch	£93.71	€ 105.90
FFPM80CD	Hydraulic motor FFPM80CD, 78,8 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS	£89.29	€ 100.90
FFPM80COD	Hydraulic motor FFPM80COD, 78,8 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS	£97.81	€ 110.52
FFPM80SHD	Hydraulic motor FFPM80SHD, 78,8 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, G 1/2 inch, HPS	£97.81	€ 110.52
FFPMF100CB	Hydraulic motor FFPMF100CB, 396,5ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS	£106.88	€ 120.77
FFPMF100CD	Hydraulic motor FFPMF100CD, 98,6 ccm/REV, shaft 25mm, 4-hole SAE A, G 1/2 inch, HPS	£111.33	€ 125.80
FFPMF125CB	Hydraulic motor FFPMF125CB, 123,5 ccm/REV, shaft 32mm, 4-hole SAE, G 1/2 inch	£109.15	€ 123.34
FFPMF160CB	Hydraulic motor FFPMF160CB, 158,6 ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS	£112.71	€ 127.36
FFPMF200CB	Hydraulic motor FFPMF200CB, 197,9 ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS	£116.08	€ 131.17
FFPMF250CB	Hydraulic motor FFPMF250CB, 247,5 ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS	£119.61	€ 135.15
FFPMF315CB	Hydraulic motor FFPMF315CB, 316,8ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS	£122.10	€ 137.98
FFPMF400CB	Hydraulic motor FFPMF400CB, 396,5ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS	£125.78	€ 142.13
FFPMF50CB	Hydraulic motor FFPMF50CB, 51,2ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS	£102.24	€ 115.53
FFPMF80CB	Hydraulic motor FFPMF80CB, 78,8ccm/REV, shaft 32mm, 4-hole SAE A, G 1/2 inch, HPS	£104.51	€ 118.09
FFPMN100CD	Hydraulic motor FFPMN100CD, 98,6 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS needle bearing	£108.10	€ 122.15
FFPMN125CD	Hydraulic motor FFPMN125CD, 123,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing	£110.22	€ 124.55
FFPMN160CD	Hydraulic motor FFPMN160CD, 158,6 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing	£113.48	€ 128.24
FFPMN160COD	Hydraulic motor FFPMN160CD, 158,6 ccm/REV, shaft 25,4mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing	£113.47	€ 128.23
FFPMN200CD	Hydraulic motor FFPMN200CD, 197,9 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing	£116.58	€ 131.74
FFPMN250CD	Hydraulic motor FFPMN250CD, 247,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing	£119.83	€ 135.40
FFPMN315CD	Hydraulic motor FFPMN315CD, 316,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing	£126.46	€ 142.90
FFPMN400CD	Hydraulic motor FFPMN400CD, 396,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS needle bearing	£125.51	€ 141.82
FFPMN50CD	Hydraulic motor FFPMN50CD, 51,2 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing	£103.83	€ 117.33
FFPMN80CD	Hydraulic motor FFPMN80CD, 78,8 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, HPS, needle bearing	£105.96	€ 119.73
FFPMP200CD	Hydraulic motor FFPMP200CD, 197,9 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, protection cap, HPS	£128.48	€ 145.18
FFPMP250CD	Hydraulic motor FFPMP250CD, 247,5 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch, protection cap, HPS	£132.02	€ 149.18
FFPMQ100HD	Hydraulic motor FFPMQ100HD, 98,6 ccm/REV, shaft 25,4mm cross hole, 4-hole flange, HPS	£112.19	€ 126.78
FFPMQ125CD	Hydraulic motor FFPMQ125CD, 123,5 ccm/REV, shaft 25mm, 4-hole Square Flange, G 1/2 inch, HPS	£114.48	€ 129.36
FFPMQ125HD	Hydraulic motor FFPMQ125HAD, 123,5 ccm/REV, shaft 25,4mm cross hole, 4-hole flange, HPS	£114.48	€ 129.36
FFPMQ160CD	Hydraulic motor FFPMQ160CD, 158,6 ccm/REV, shaft 25mm, 4-hole Square Flange, G 1/2 inch, HPS	£118.02	€ 133.36
FFPMQ50CD	Hydraulic motor FFPMQ50CD, 51,2 ccm/REV, shaft 25mm, 4-hole square flange, G 1/2 inch, HPS	£107.55	€ 121.53
FFPMQ80CD	Hydraulic motor FFPMQ80CD, 78,8 ccm/REV, shaft 25mm, 4-hole flange, HPS,	£109.84	€ 124.12
FFPMQ80COD	Hydraulic motor FFPMQ80COD, 78,8 ccm/REV, shaft 25,4mm, 4-hole flange, HPS,	£109.84	€ 124.12
FFPMW160CD	Hydraulic motor FFPMW160CD, 158,6 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2"	£127.22	€ 143.76
FFPMW200CD	Hydraulic motor FFPMW200CD, 197,9 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2"	£130.60	€ 147.58
FFPMW250CD	Hydraulic motor FFPMW250CD, 247,5 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2"	£134.15	€ 151.59
FFPMW315CD	Hydraulic motor FFPMW315CD, 316,5 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2"	£136.62	€ 154.38
FFPMW400CD	Hydraulic motor FFPMW400CD, 396,5 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2"	£140.30	€ 158.54
FFPMW80CD	Hydraulic motor FFPMW80CD, 78,8 ccm/REV, shaft 25mm, Wheelflange, HPS, G 1/2"	£119.05	€ 134.53

# HYDRAULIC MOTOR SERIES FFPRM

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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	FFPRM	FFPRM	FFPRM	FFPRM	FFPRM(1)	FFPRM(2)	FFPRM(1)	FFPRM(2)	FFPRM(1)	FFPRM(2)	FFPRM(1)	FFPRM(2)
		50	80	100	125	160	200	200	250	250	315	315	400	400
Displacement [cm <sup>3</sup> /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	£121.23	€ 136.99
FFPRM100CD	Hydraulic motor FFPRM100CD, 100,8 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch	£114.53	€ 129.42
FFPRM100COD	Hydraulic motor FFPRM100COD, 99,0 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS	£125.44	€ 141.75
FFPRM100SHD	Hydraulic motor FFPRM100SHD, 100,8 ccm/REV, splined shaft SAE6B, 2-hole SAE A, HPS, G 1/2 inch	£125.44	€ 141.75
FFPRM125CB	Hydraulic motor FFPRM125CB, 125,1 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch	£123.55	€ 139.62
FFPRM125CD	Hydraulic motor FFPRM125CD, 125,1 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch	£116.56	€ 131.71
FFPRM125COD	Hydraulic motor FFPRM125COD, 125,1 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, G 1/2 inch	£127.65	€ 144.24
FFPRM125SHD	Hydraulic motor FFPRM125SHD, 125,1 ccm/REV, splined shaft SAE6B, 2-hole SAE A, HPS, G 1/2 inch	£127.65	€ 144.24
FFPRM160CB	Hydraulic motor FFPRM160CB, 159,4 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch	£127.02	€ 143.53

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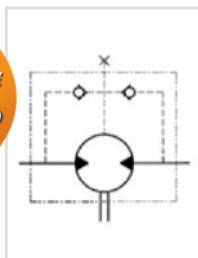
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPRM160CD	Hydraulic motor FFPRM160CD, 159,4 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch	£119.71	€ 135.27
FFPRM160COD	Hydraulic motor FFPRM160COD, 159,4 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, G 1/2 inch	£131.10	€ 148.15
FFPRM160SHD	Hydraulic motor FFPRM160SHD, 159,4 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch	£131.10	€ 148.15
FFPRM200C/C	Hydraulic motor FFPRM200C/C, 199,6 ccm/REV, double shafts 25mm, 2-hole SAE A, G 1/2 inch	£186.11	€ 210.31
FFPRM200CB	Hydraulic motor FFPRM200CB, 199,6 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch	£131.68	€ 148.80
FFPRM200CD	Hydraulic motor FFPRM200CD, 199,6 ccm/REV, shaft 25mm, 2-hole SAE A, HPS	£123.94	€ 140.05
FFPRM200COD	Hydraulic motor FFPRM200COD, 199,6 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS	£135.74	€ 153.39
FFPRM200SHD	Hydraulic motor FFPRM200SHD, 197,9 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch	£135.74	€ 153.39
FFPRM250CB	Hydraulic motor FFPRM250CB, 249,8 ccm/REV, shaft 32mm, 2-hole SAE A, G 1/2 inch	£133.69	€ 151.07
FFPRM250CD	Hydraulic motor FFPRM250CD, 249,8 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch	£128.01	€ 144.65
FFPRM250COD	Hydraulic motor FFPRM250COD, 251,1 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS	£140.21	€ 158.43
FFPRM250SHD	Hydraulic motor FFPRM250SHD, 249,8 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch	£140.21	€ 158.43
FFPRM315CB	Hydraulic motor FFPRM315CB, 315,7 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch	£138.38	€ 156.37
FFPRM315CD	Hydraulic motor FFPRM315CD, 315,7 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch	£130.06	€ 146.97
FFPRM315COD	Hydraulic motor FFPRM315COD, 315,7 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, G 1/2 inch	£142.44	€ 160.96
FFPRM315SHD	Hydraulic motor FFPRM315SHD, 315,7 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch	£142.44	€ 160.96
FFPRM400CB	Hydraulic motor FFPRM400CB, 396,5 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch	£144.49	€ 163.27
FFPRM400CD	Hydraulic motor FFPRM400CD, 396,5 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch	£135.65	€ 153.28
FFPRM400COD	Hydraulic motor FFPRM400COD, 396,5 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, G 1/2 inch	£148.59	€ 167.90
FFPRM400SHD	Hydraulic motor FFPRM400SHD, 396,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch	£148.59	€ 167.90
FFPRM50CB	Hydraulic motor FFPRM50CB, 51,2 ccm/REV, shaft 25mm, 2-hole SAE A, G 1/2 inch	£114.94	€ 129.89
FFPRM50CD	Hydraulic motor FFPRM50CD, 51,2 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch	£104.95	€ 118.59
FFPRM50COD	Hydraulic motor FFPRM50COD, 51,2 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, G 1/2 inch	£114.94	€ 129.89
FFPRM50SHD	Hydraulic motor FFPRM50SHD, 51,2 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch	£114.94	€ 129.89
FFPRM80CB	Hydraulic motor FFPRM80CB, 80,5 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, G 1/2 inch	£119.21	€ 134.70
FFPRM80CD	Hydraulic motor FFPRM80CD, 80,5 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, G 1/2 inch	£112.55	€ 127.18
FFPRM80COD	Hydraulic motor FFPRM80COD, 80,5 ccm/REV, shaft 25,4mm (1 inch), 2-hole SAE A, G 1/2 inch	£123.27	€ 139.30
FFPRM80SHD	Hydraulic motor FFPRM80SHD, 80,5 ccm/REV, splined shaft SAE 6B, 2-hole SAE A, HPS, G 1/2 inch	£123.27	€ 139.30
FFPRMF100CB	Hydraulic motor FFPRMF100CB, 100,8 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch	£134.44	€ 151.92
FFPRMF125CB	Hydraulic motor FFPRMF125CB, 125,1 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch	£136.94	€ 154.74
FFPRMF160CB	Hydraulic motor FFPRMF160CB, 159,4 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch	£140.71	€ 159.00
FFPRMF200CB	Hydraulic motor FFPRMF200CB, 199,6 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch	£145.77	€ 164.72
FFPRMF250CB	Hydraulic motor FFPRMF250CB, 249,8 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch	£150.61	€ 170.19
FFPRMF250CD	Hydraulic motor FFPRMF250CD, 249,8 ccm/REV, shaft 25mm, 4-hole SAE A, HPS, G 1/2 inch	£155.05	€ 175.21
FFPRMF315CB	Hydraulic motor FFPRMF315CB, 315,7 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch	£153.05	€ 172.94
FFPRMF400CB	Hydraulic motor FFPRMF400CB, 396,5 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch	£159.71	€ 180.47
FFPRMF80CB	Hydraulic motor FFPRMF80CB, 80,5 ccm/REV, shaft 32mm, 4-hole SAE A, HPS, G 1/2 inch	£132.22	€ 149.40
FFPRMF80CD	Hydraulic motor FFPRMF80CD, 80,5 ccm/REV, shaft 25mm, 4-hole SAE A, HPS, G 1/2 inch	£134.00	€ 151.42
FFPRMN100CB	Hydraulic motor FFPRMN100CB, 100,8 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch	£140.63	€ 158.91
FFPRMN100CD	Hydraulic motor FFPRMN100CD, 100,8 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch	£145.06	€ 163.91
FFPRMN125CB	Hydraulic motor FFPRMN125CB, 125,1 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch	£143.16	€ 161.77
FFPRMN125CD	Hydraulic motor FFPRMN125CD, 125,1 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch	£143.16	€ 161.77
FFPRMN160CB	Hydraulic motor FFPRMN160CB, 159,4 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch	£146.90	€ 165.99
FFPRMN160CD	Hydraulic motor FFPRMN160CD, 159,4 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch	£146.90	€ 165.99
FFPRMN200CB	Hydraulic motor FFPRMN200CB, 199,6 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch	£151.97	€ 171.72
FFPRMN200CD	Hydraulic motor FFPRMN200CD, 199,6 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch	£156.39	€ 176.72
FFPRMN250CB	Hydraulic motor FFPRMN250CB, 249,8 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch	£156.82	€ 177.20
FFPRMN250CD	Hydraulic motor FFPRMN250CD, 249,8 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch	£161.23	€ 182.19
FFPRMN315CB	Hydraulic motor FFPRMN315CB, 315,7 ccm/REV, shaft 32mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch	£159.27	€ 179.98
FFPRMN315CD	Hydraulic motor FFPRMN315CD, 315,7 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch	£162.76	€ 183.92
FFPRMN400CB	Hydraulic motor FFPRMN400CB, 396,5 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch	£165.91	€ 187.48
FFPRMN400CD	Hydraulic motor FFPRMN400CD, 396,5 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch	£170.35	€ 192.50
FFPRMN50CB	Hydraulic motor FFPRMN50CB, 51,2 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch	£133.79	€ 151.18
FFPRMN50CD	Hydraulic motor FFPRMN50CD, 51,2 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch	£138.21	€ 156.18
FFPRMN80CB	Hydraulic motor FFPRMN80CB, 80,5 ccm/REV, shaft 32mm, 2-hole SAE A, needle bear., G 1/2 inch	£142.84	€ 161.41
FFPRMN80CD	Hydraulic motor FFPRMN80CD, 80,5 ccm/REV, shaft 25mm, 2-hole SAE A, HPS, needle bear., G 1/2 inch	£131.13	€ 148.18
FFPRMSN50COD	Hydraulic motor FFPRMSN50COD, 51,2 ccm/REV, shaft 25,4mm, 2-hole SAE A, HPS, 7/8 UNF, NB	£138.68	€ 156.71

# HYDRAULIC MOTOR SERIES FFPMH

www.flowfitonline.com  
TECH. DATA SHEET  
**FHM04**



**NOW AVAILABLE WITH UNBRANDED PLATES**



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 possible

TYPE		FFPMH 200	FFPMH 250	FFPMH 315	FFPMH 400	FFPMH 500
Displacement [cc/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) Intermittent operation rating applies to 6 sec. of every minute

(2) Peak load rating applies to 0,6 sec of every minute

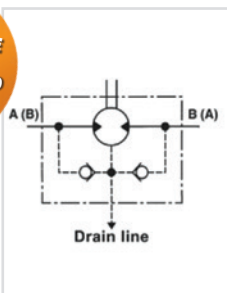
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPMH125C	Hydraulic motor FFPMH125C, 124,9 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange	£185.01	€ 209.06
FFPMH125CB	Hydraulic motor FFPMH125CB, 124,9 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange	£185.01	€ 209.06
FFPMH160C	Hydraulic motor FFPMH160C, 157,2 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange	£185.01	€ 209.06
FFPMH160CB	Hydraulic motor FFPMH160CB, 157,2 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange	£185.01	€ 209.06
FFPMH200C	Hydraulic motor FFPMH200C, 203,2 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange	£187.23	€ 211.56
FFPMH200CB	Hydraulic motor FFPMH200CB, 203,2 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange	£187.23	€ 211.56
FFPMH250C	Hydraulic motor FFPMH250C, 255,9 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange	£191.51	€ 216.41
FFPMH250CB	Hydraulic motor FFPMH250CB, 255,9 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange	£191.51	€ 216.41
FFPMH315C	Hydraulic motor FFPMH315C, 316,1 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange	£197.65	€ 223.35
FFPMH315CB	Hydraulic motor FFPMH315CB, 316,1 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange	£197.65	€ 223.35
FFPMH315K	Hydraulic motor FFPMH315K, 316,1 ccm/REV, conic shaft 1:10, G 1/2 inch, magneto mounting flange	£201.17	€ 227.32
FFPMH400C	Hydraulic motor FFPMH400C, 406,4 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange	£205.36	€ 232.06
FFPMH400CB	Hydraulic motor FFPMH400CB, 406,4 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange	£205.36	€ 232.06
FFPMH500C	Hydraulic motor FFPMH500C, 489,2 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange	£217.75	€ 246.06
FFPMH500CB	Hydraulic motor FFPMH500CB, 489,2 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange	£383.38	€ 433.22
FFPMH630C	Hydraulic motor FFPMH630C, 612,4 ccm/REV, shaft 32mm, G 1/2 inch, magneto mounting flange	£405.70	€ 458.44
FFPMH630CB	Hydraulic motor FFPMH630CB, 612,4 ccm/REV, shaft 35mm, G 1/2 inch, magneto mounting flange	£405.70	€ 458.44

## HYDRAULIC MOTOR SERIES FFPMS

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TECH. DATA SHEET  
**FHM05**



**NOW AVAILABLE WITH UNBRANDED PLATES**



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 [cm <sup>3</sup> /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	£204.04	€ 230.56
FFPMS100C25	Hydraulic motor FFPMS100C25, 99,8 ccm/REV, shaft 25mm, 4-hole flange, G 1/2 inch	£204.04	€ 230.56
FFPMS100SB	Hydraulic motor FFPMS100SB, 99,8 ccm/REV, splined 1 1/4" 12/24 D.Pitch, 30°, Z/T = 14,	£208.47	€ 235.57
FFPMS100SH	Hydraulic motor FFPMS100SH, 99,8 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch	£208.47	€ 235.57
FFPMS100SL	Hydraulic motor FFPMS100SL, 99,8 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch	£212.88	€ 240.55
FFMS125C	Hydraulic motor FFPMS125C, 125,2 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch	£206.39	€ 233.22
FFPMS125C25	Hydraulic motor FFPMS125C25, 125,2 ccm/REV, 25mm Welle, G 1/2 inch	£206.39	€ 233.22
FFPMS125SH	Hydraulic motor FFPMS125SH, 125,2 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch	£210.79	€ 238.19
FFPMS125SL	Hydraulic motor FFPMS125SL, 125,2 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch	£215.22	€ 243.20
FFPMS160C	Hydraulic motor FFPMS160C, 159,5 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch	£206.39	€ 233.22
FFPMS160S	Hydraulic motor FFPMS160SH, 159,5 ccm/REV, splined SAE 6B, G 1/2 inch	£208.83	€ 235.98
FFPMS160SH	Hydraulic motor FFPMS160SH, 159,5 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch	£213.26	€ 240.98
FFPMS160SL	Hydraulic motor FFPMS160SL, 159,5 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch	£217.68	€ 245.97
FFPMS200C	Hydraulic motor FFPMS200C, 200 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch	£211.37	€ 238.84



PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPMS200C25	Hydraulic motor FFPMS200C25, 99,8 ccm/REV, shaft 25mm, 4-hole flange, G 1/2 inch	£211.37	€ 238.84
FFPMS200S	Hydraulic motor FFPMS200S, 200,0 ccm/REV, splined SAE 6B, G 1/2 inch	£211.37	€ 238.84
FFPMS200SH	Hydraulic motor FFPMS200SH, 200,0 ccm/REV, splined 31,75, 4-hole flange, G 1/2 inch	£214.54	€ 242.43
FFPMS200SL	Hydraulic motor FFPMS200SL, 200,0 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch"	£214.54	€ 242.43
FFPMS250C	Hydraulic motor FFPMS250C, 252,3 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch	£220.01	€ 248.61
FFPMS250K	Hydraulic motor FFPMS250K, 252,3 cm3/U, conic shaft 1:10, Ø 35, 4-hole SAE A flange, G1/2 inch	£223.55	€ 252.61
FFPMS250SH	Hydraulic motor FFPMS250SH, 252,3 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch	£224.45	€ 253.63
FFPMS250SL	Hydraulic motor FFPMS250SL, 252,3 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch	£228.86	€ 258.61
FFPMS315C	Hydraulic motor FFPMS315C, 315,1 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch	£236.84	€ 267.63
FFPMS315K	Hydraulic motor FFPMS315K, 315,1 cm3/U, conic shaft 1:10, Ø 35, 4-hole SAE A flange, G1/2 inch	£240.39	€ 271.64
FFPMS315SBU	Hydraulic motor FFPMS315SBU, 315,1 ccm/REV, splined 1 1/4" 12/24 D.Pitch, 30°, Z/T = 14, 7/8-14UNF	£236.84	€ 267.63
FFPMS315SH	Hydraulic motor FFPMS315SH, 315,1 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch	£241.26	€ 272.62
FFPMS315SL	Hydraulic motor FFPMS315SL, 315,1 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch	£245.68	€ 277.62
FFPMS400C	Hydraulic motor FFPMS400C, 397 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch	£254.10	€ 287.13
FFPMS400C25	Hydraulic motor FFPMS400C25, 397,0 ccm/REV, shaft 25mm, 4-hole flange, G 1/2 inch	£254.10	€ 287.13
FFPMS400S	Hydraulic motor FFPMS400S, 397 ccm/REV, SAE 6B shaft 1 3/8", G 1/2 inch	£254.10	€ 287.13
FFPMS400SH	Hydraulic motor FFPMS400SH, 397 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch	£258.52	€ 292.13
FFPMS400SL	Hydraulic motor FFPMS400SL, 397 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch	£262.93	€ 297.11
FFPMS80C	Hydraulic motor FFPMS80C, 80,8 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch	£201.78	€ 228.01
FFPMS80SH	Hydraulic motor FFPMS80SH, 80,8 ccm/REV, splined 31,75 12/24 D.Pitch, 30°, Z/T = 14, G 1/2 inch	£206.21	€ 233.02
FFPMS80SL	Hydraulic motor FFPMS80SL, 80,8 ccm/REV, P.T.O. shaft 1 3/8", G 1/2 inch	£210.63	€ 238.01
FFPMSA100C	Hydraulic motor FFPMSA100C, 98,6 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch	£204.04	€ 230.56
FFPMSA100C25	Hydraulic motor FFPMSA100C25, 99,8 ccm/REV, shaft 25mm, 2-hole flange SAE A, G 1/2 inch	£204.04	€ 230.56
FFPMSA125C	Hydraulic motor FFPMSA125C, 125,2 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch	£206.39	€ 233.22
FFPMSA125C25	Hydraulic motor FFPMSA125C25, 125,2 ccm/REV, shaft 25mm, 2-hole flange SAE A, G 1/2 inch	£206.39	€ 233.22
FFPMSA160C	Hydraulic motor FFPMSA160C, 159,5 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch	£208.83	€ 235.98
FFPMSA160C25	Hydraulic motor FFPMSA160C25, 159,5 ccm/REV, shaft 25mm, 2-hole flange SAE A, G 1/2 inch	£208.83	€ 235.98
FFPMSA200C	Hydraulic motor FFPMSA200C, 201,2 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch	£210.42	€ 237.77
FFPMSA200C25	Hydraulic motor FFPMSA200C25, 200 ccm/REV, shaft 25mm, 2-hole flange SAE A, G 1/2 inch	£210.42	€ 237.77
FFPMSA250C	Hydraulic motor FFPMSA250C, 252,3 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch	£220.01	€ 248.61
FFPMSA250C25	Hydraulic motor FFPMSA250C25, 252,3 ccm/REV, shaft 25mm, 2-hole flange, G 1/2 inch	£220.01	€ 248.61
FFPMSA315C25	Hydraulic motor FFPMSA315C25, 315,1 ccm/REV, shaft 25mm, 2-hole flange, G 1/2 inch	£236.84	€ 267.63
FFPMSA315KA	Hydraulic motor FFPMSA315KA, 315,1 ccm/REV, tapered shaft 1:8, 2-hole flange SAE A, G 1/2 inch	£240.39	€ 271.64
FFPMSA400S	Hydraulic motor FFPMSA400S, 397,0 ccm/REV, splined SAE6B, Z/T = 6	£254.10	€ 287.13
FFPMSA400SBU	Hydraulic motor FFPMSA400SBU, 397,0 ccm/REV, splined 1 1/4" 12/24 D.Pitch, 30°, Z/T = 14, 7/8-14UNF	£254.10	€ 287.13
FFPMSA80C	Hydraulic motor FFPMSA80C, 99,8 ccm/REV, shaft 32mm, 2-hole flange SAE A, G 1/2 inch	£201.78	€ 228.01
FFPMSA80C25	Hydraulic motor FFPMSA80C25, 99,8 ccm/REV, shaft 25mm, 2-hole flange SAE A, G 1/2 inch	£201.78	€ 228.01
FFPMSF100C	Hydraulic motor FFPMSF100C, 99,8 ccm/REV, shaft 32mm, 4-hole magneto flange SAE A, G 1/2 inch	£204.04	€ 230.56
FFPMSF125C	Hydraulic motor FFPMSF125C, 125,2 ccm/REV, shaft 32mm, 4-hole flange, G 1/2 inch	£206.39	€ 233.22
FFPMSF160C	Hydraulic motor FFPMSF160C, 159,5 ccm/REV, shaft 32mm, 4-hole Magneto flange SAE A, G 1/2 inch	£208.83	€ 235.98
FFPMSF200C	Hydraulic motor FFPMSF200C, 200 ccm/REV, shaft 32mm, 4-hole magneto flange, G 1/2 inch	£210.42	€ 237.77
FFPMSF200C25	Hydraulic motor FFPMSF200C25, 200,0 ccm/REV, shaft 25mm, 4-hole magneto flange, G 1/2 inch	£211.37	€ 238.84
FFPMSF315C	Hydraulic motor FFPMSF315C, 316,8 ccm/REV, shaft 32mm, 4-hole magneto flange, G 1/2 inch	£236.84	€ 267.63
FFPMSF315C25	Hydraulic motor FFPMSF315C25, 315,8 ccm/REV, shaft 25mm, 4-hole magneto flange, G 1/2 inch	£236.84	€ 267.63
FFPMSF315SH	Hydraulic motor FFPMSF315SH, 315,1 ccm/REV, splined shaft Ø31,75, 4-hole magneto flange, G 1/2 inch	£241.27	€ 272.63
FFPMSS100	Hydraulic motor Short FFPMS100, 99,8 ccm/REV, G 1/2 inch	£186.34	€ 210.57
FFPMSS125	Hydraulic motor Short FFPMS125, 125,2 ccm/REV, G 1/2 inch	£188.70	€ 213.23
FFPMSS160	Hydraulic motor Short FFPMS160, 159,5 ccm/REV, G 1/2 inch	£191.14	€ 215.99
FFPMSS200	Hydraulic motor Short FFPMS200, 200 ccm/REV, G 1/2 inch	£193.68	€ 218.86
FFPMSS250	Hydraulic motor Short FFPMS250, 252,2 ccm/REV, G 1/2 inch	£202.34	€ 228.64
FFPMSS315	Hydraulic motor Short FFPMS315, 315,1 ccm/REV, G 1/2 inch	£219.15	€ 247.63

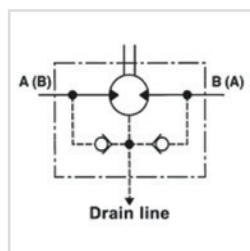
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPMSS400	Hydraulic motor Short FFPMS400, 397,0 ccm/REV, G 1/2 inch	£236.41	€ 267.14
FFPMSS80	Hydraulic motor Short FFPMS80, 80,8 ccm/REV, G 1/2 inch	£184.10	€ 208.03
FFPMSU125	Hydraulic motor Ultra-Short FFPMSU125, 125,2 ccm/REV, G 1/2 inch	£188.70	€ 213.23
FFPMSU160	Hydraulic motor Ultra-Short FFPMSU160, 159,5 ccm/REV, G 1/2 inch	£191.15	€ 216.00
FFPMSU200	Hydraulic motor Ultra-Short FFPMSU200, 200 ccm/REV, G 1/2 inch	£193.68	€ 218.86
FFPMSU250	Hydraulic motor Ultra-Short FFPMSU250, 252,3 ccm/REV, G 1/2 inch	£202.34	€ 228.64
FFPMSU315	Hydraulic motor Ultra-Short FFPMSU315, 315,1 ccm/REV, G 1/2 inch	£219.17	€ 247.66
FFPMSU400	Hydraulic motor Ultra-Short FFPMSU400, 397,0 ccm/REV, G 1/2 inch	£236.41	€ 267.14
FFPMSW100C	Hydraulic motor FFPMSW100C, 99,8 ccm/REV, cyl. shaft 32mm, wheel flange, G 1/2 inch,	£210.59	€ 237.96
FFPMSW100K	Hydraulic motor FFPMSW100K, 99,8 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch,	£214.11	€ 241.94
FFPMSW125C	Hydraulic motor FFPMSW125C, 125,2 ccm/REV, cyl. shaft 32mm, wheel flange, G 1/2 inch,	£212.92	€ 240.60
FFPMSW125K	Hydraulic motor FFPMSW125K, 125,2 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch,	£216.46	€ 244.60
FFPMSW160C	Hydraulic motor FFPMSW160C, 159,5 ccm/REV, cyl. shaft 32mm, wheel flange, , G 1/2 inch	£215.38	€ 243.37
FFPMSW160K	Hydraulic motor FFPMSW160K, 159,5 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch,	£218.91	€ 247.37
FFPMSW200C	Hydraulic motor FFPMSW200C, 200,0 ccm/REV, cyl. shaft 32mm, wheel flange, , G 1/2 inch	£217.91	€ 246.23
FFPMSW200K	Hydraulic motor FFPMSW200K, 200,0 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch,	£221.43	€ 250.22
FFPMSW250C	Hydraulic motor FFPMSW250C, 252,3 ccm/REV, cyl. shaft 32mm, wheel flange, , G 1/2 inch	£226.55	€ 256.00
FFPMSW250K	Hydraulic motor FFPMSW250K, 252,3 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch,	£230.07	€ 259.97
FFPMSW315C	Hydraulic motor FFPMSW315C, 315,1 ccm/REV, cyl. shaft 32mm, wheel flange, , G 1/2 inch	£243.39	€ 275.03
FFPMSW315K	Hydraulic motor FFPMSW315K, 315,1 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch,	£246.92	€ 279.02
FFPMSW315KA	Hydraulic motor FFPMSW315K, 315,1 ccm/REV, conical shaft 1:8, wheel flange, G 1/2 inch,	£246.92	€ 279.02
FFPMSW400C	Hydraulic motor FFPMSW400C, 397,0 ccm/REV, cyl. shaft 32mm, wheel flange, , G 1/2 inch	£260.62	€ 294.50
FFPMSW400K	Hydraulic motor FFPMSW400K, 397,0 ccm/REV, tapered shaft 1:10, wheel flange, G 1/2 inch	£264.17	€ 298.51
FFPMSW80C	Hydraulic motor FFPMSW80C, 80,8 ccm/REV, cyl. Shaft 32mm, wheel flange, , G 1/2 inch	£208.33	€ 235.41
FFPMSW80K	Hydraulic motor FFPMSW80K, 80,8 ccm/REV, conical shaft 1:10, wheel flange, G 1/2 inch,	£211.86	€ 239.40

# HYDRAULIC MOTOR SERIES FFPMSY

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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 <sup>3</sup> /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

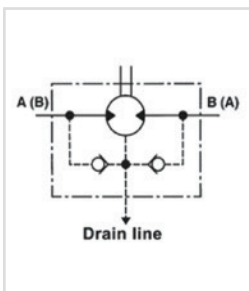
(1) Intermittent operation rating applies to 6 sec. of every minute

(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 <sup>3</sup> /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 [l/min]"	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	£383.86	€ 433.76
FFPMT160SH	Hydraulic motor FFPMT160SH, 160 CCM/REV, SPLINED SHAFT 1 1/2", 4-hole flange	£389.09	€ 439.67
FFPMT160SL	Hydraulic motor FFPMT160SL, 160,0 cm <sup>3</sup> /U, 6-34,85mm P.T.O. Splined, 4-hole flange	£393.29	€ 444.42
FFPMT200C	Hydraulic motor FFPMT200C, 200 ccm/REV, shaft 40mm, 4-hole flange	£384.93	€ 434.97
FFPMT200K	Hydraulic motor FFPMT200K, 200 ccm/REV, tapered shaft 1:10, 4-hole flange	£392.94	€ 444.02
FFPMT200SH	Hydraulic motor FFPMT200SH, 200,0 ccm/REV, splined shaft 1 1/2", 4-hole flange	£389.36	€ 439.98
FFPMT200SL	Hydraulic motor FFPMT200SL, 200 ccm/REV, PTO shaft, 4-hole flange	£394.38	€ 445.65
FFPMT250C	Hydraulic motor FFPMT250C, 250 ccm/REV, shaft 40mm, 4-hole flange	£391.36	€ 442.23
FFPMT250SH	Hydraulic motor FFPMT250SH, 250,4 ccm/REV, splined shaft 1 1/2", 4-hole flange	£395.79	€ 447.24
FFPMT250SL	Hydraulic motor FFPMT250SL, 250,4 ccm/REV, PTO shaft, 4-hole flange	£400.77	€ 452.88
FFPMT315C	Hydraulic motor FFPMT315C, 319,5 ccm/REV, shaft 40mm, 4-hole flange	£396.09	€ 447.58
FFPMT315SH	Hydraulic motor FFPMT315SH, 319,5 ccm/REV, splined shaft 1 1/2", 4-hole flange	£400.50	€ 452.57
FFPMT315SL	Hydraulic motor FFPMT315SL, 319,5 ccm/REV, PTO shaft, 4-hole flange	£405.50	€ 458.21
FFPMT400C	Hydraulic motor FFPMT400C, 401,8 ccm/REV, shaft 40mm, 4-hole flange	£411.43	€ 464.92
FFPMT400K	Hydraulic motor FFPMT400K, 401,8 ccm/REV, tapered shaft 1:10, 4-hole flange	£419.45	€ 473.98
FFPMT400SH	Hydraulic motor FFPMT400SH, 410,9 ccm/REV, splined shaft 1 1/2", 4-hole flange	£415.86	€ 469.93

PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPMT500C	Hydraulic motor FFPMT500C, 523,5 ccm/REV, shaft 40mm, 4-hole flange	£442.11	€ 499.59
FFPMT500K	Hydraulic motor FFPMT500K, 523,5 ccm/REV, tap. shaft 1:10, 4-hole flange	£450.21	€ 508.74
FFPMT500SH	Hydraulic motor FFPMT500SH, 523,5 ccm/REV, splined shaft 1 1/2", 4-hole flange	£446.55	€ 504.61
FFPMT800C	Hydraulic motor FFPMT800C, 801 ccm/REV, shaft 40mm, 4-hole flange	£465.69	€ 526.22
FFPMT400C	Hydraulic motor FFPMT400C, 401,8 ccm/REV, Welle 40mm, 4-hole SAE-C flange	£411.43	€ 464.92
FFPMT400SH	Hydraulic motor FFPMT400SH, 401,8 ccm/REV, splined shaft 1 1/2", 4-hole SAE-C flange	£415.86	€ 469.93
FFPMTS160	Hydraulic motor Short FFPMTS160, 160,0 cm <sup>3</sup> /U	£360.85	€ 407.76
FFPMTS200	Hydraulic motor Short FFPMTS200, 200,0 cm <sup>3</sup> /U	£361.92	€ 408.97
FFPMTS250	Hydraulic motor Short FFPMTS250, 250,4 cm <sup>3</sup> /U	£526.01	€ 594.39
FFPMTS315	Hydraulic motor Short FFPMTS315, 319,5 cm <sup>3</sup> /U	£373.11	€ 421.61
FFPMTS400	Hydraulic motor Short FFPMTS400, 401,8 cm <sup>3</sup> /U	£388.44	€ 438.93
FFPMTS500	Hydraulic motor Short FFPMTS500, 523,5 cm <sup>3</sup> /U	£419.15	€ 473.64
FFPMTW160C	Hydraulic motor FFPMTW160C, 160,0 ccm/REV, 40mm shaft, wheelflange	£405.10	€ 457.76
FFPMTW160K	Hydraulic motor FFPMTW160K, 160,0 ccm/REV, conical shaft 1:10, wheelflange	£413.09	€ 466.79
FFPMTW200C	Hydraulic motor FFPMTW200C, 200,0 ccm/REV, 40mm shaft cyl., wheelflange	£406.16	€ 458.96
FFPMTW200K	Hydraulic motor FFPMTW200K, 200,0 ccm/REV, conical shaft 1:10, wheelflange	£414.17	€ 468.01
FFPMTW200SH	Hydraulic motor FFPMTW200SH, 200,0 ccm/REV, splined shaft 1 1/2", wheelflange	£410.60	€ 463.98
FFPMTW250C	Hydraulic motor FFPMTW250C, 250 ccm/REV, shaft 40mm, wheelflange	£412.59	€ 466.22
FFPMTW250K	Hydraulic motor FFPMTW250K, 250,4 ccm/REV, conical shaft 1:10, wheelflange	£420.58	€ 475.25
FFPMTW250SH	Hydraulic motor FFPMTW250SH, 250 ccm/REV, splined shaft, wheelflange	£417.00	€ 471.21
FFPMTW315C	Hydraulic motor FFPMTW315C, 319,5 ccm/REV, 40mm shaft, wheelflange	£417.33	€ 471.59
FFPMTW315K	Hydraulic motor FFPMTW315K, 319,5 ccm/REV, conical shaft 1:10, wheelflange	£425.33	€ 480.63
FFPMTW400C	Hydraulic motor FFPMTW400C, 401,8 ccm/REV, cyl. shaft 40mm, wheelflange	£432.66	€ 488.91
FFPMTW400K	Hydraulic motor FFPMTW400K, 401,8 ccm/REV, conical shaft 1:10, wheelflange	£440.70	€ 497.99
FFPMTW500C	Hydraulic motor FFPMTW500C, 523,5 ccm/REV, 40mm shaft, wheelflange	£463.35	€ 523.59
FFPMTW500K	Hydraulic motor FFPMTW500K, 523,5 ccm/REV, conical shaft 1:10, wheelflange	£471.37	€ 532.64
FFPMTW800C	Hydraulic motor FFPMTW800C, 801 ccm/REV, 40mm shaft, wheelflange	£485.34	€ 548.44
FFPMTW800K	Hydraulic motor FFPMTW800K, 801 ccm/REV, conical shaft 1:10, wheelflange	£493.33	€ 557.47



# HYDRAULIC MOTOR SERIES FFPMV

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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

**NOW  
AVAILABLE  
WITH  
UNBRANDED  
PLATES**

TYPE		FFPMV 315	FFPMV 400	FFPMV 500	FFPMV 630	FFPMV 800	FFPMV 1000
Displacement [cc /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	£444.70	€ 502.51
FFPMV315SH	Hydraulic motor FFPMV315SH, 333 ccm/REV, splined shaft, 4-hole flange	£453.05	€ 511.95
FFPMV400C	Hydraulic motor FFPMV400C, 419 ccm/REV, cyl. shaft 50mm, 4-hole flange	£462.77	€ 522.93
FFPMV500C	Hydraulic motor FFPMV500C, 518 ccm/REV, cyl. shaft 50mm, 4-hole flange	£489.81	€ 553.49
FFPMV630C	Hydraulic motor FFPMV630C, 666 ccm/REV, cyl. shaft 50mm, 4-hole flange	£512.85	€ 579.52
FFPMV800C	Hydraulic motor FFPMV800C, 801 ccm/REV, cyl. shaft 50mm, 4-hole flange	£575.11	€ 649.87
FFPMV800K	Hydraulic motor FFPMV800K, 801 ccm/REV, conical shaft 1:10, 4-hole flange	£585.52	€ 661.64
FFPMVW400K	Hydraulic motor FFPMVW400K, 419 ccm/REV, con. shaft 1:10, wheel flange	£506.69	€ 572.56
FFPMVW500K	Hydraulic motor FFPMVW500K, 518 ccm/REV, con. shaft 1:10, wheel flange	£533.73	€ 603.11
FFPMVW630C	Hydraulic motor FFPMVW630C, 666 ccm/REV, con. shaft 50mm, wheel flange	£546.34	€ 617.36
FFPMVW630K	Hydraulic motor FFPMVW630K, 666 ccm/REV, con. shaft 1:10, wheel flange	£556.75	€ 629.13
FFPMVW800C	Hydraulic motor FFPMVW800C, 801 ccm/REV, cyl. shaft 50mm, wheel flange	£608.60	€ 687.72
FFPMVW800K	Hydraulic motor FFPMVW800K, 801 ccm/REV, conical shaft 1:10, wheel-flange	£619.01	€ 699.48

# 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]

$\varphi$  = Rolling resistance coefficient (s. below)

**Rolling resistance coefficient in case of rubber tire rolling on different surfaces**

Surface	$\varphi$
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

$$G_R = G \cdot (\sin \alpha + \rho \cdot \cos \alpha)$$

$\alpha$  = gradient negotiation angle (see below table)

Grade [%]	$\alpha$ degrees	Grade [%]	$\alpha$ 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 trailer.

5. Total tractive effort  $F_{ges}$  [daN]

The necessary 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  $M_M$

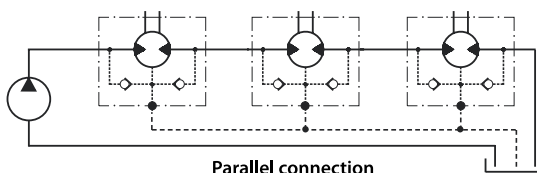
Necessary torque for every hydraulic motor can be calculated with:

$$M_M = \frac{F_{Ges} \cdot R_m}{N \cdot i \cdot \eta_M}$$

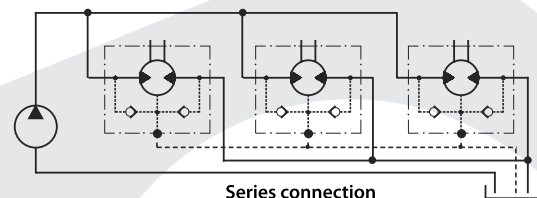
$N$  = Number of motors

$\eta_M$  = Mechanical gear efficiency (if it is available)

7. Connection of hydraulic motors



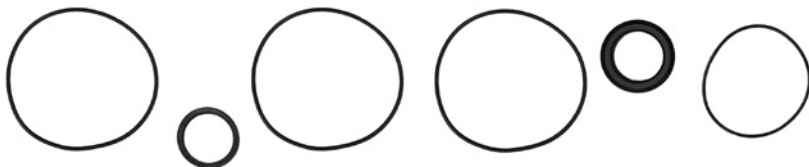
We are always advise to connect the drain port because the cooling and the lifetime of the motors is much better.





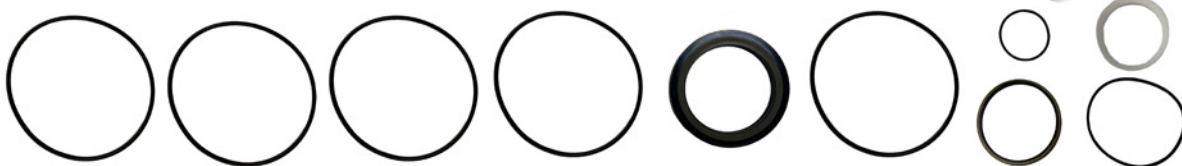
## SEAL KIT FOR FFPRM MOTOR

PART NO	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPRMSEALKIT	Seal Kit For FFPRM Motor, CD Shaft	£22.05	€ 24.92



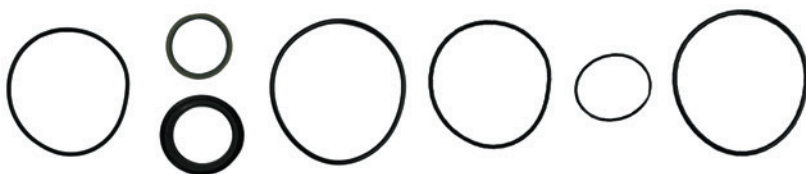
## SEAL KIT FOR FFPMT MOTOR

PART NO	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPMTSEALKIT	Seal Kit For FFPMT Motor	£38.63	€ 43.65



## SEAL KIT FOR FFPM HYDRAULIC MOTOR

PART NO	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPMSEALKIT	Seal Kit for FFPM Hydraulic Motor	£38.63	€ 43.65



## SEAL KIT FOR FFPMV HYDRAULIC MOTOR

PART NO	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPMVSEALKIT	Seal Kit for FFPMV Hydraulic Motor	£48.34	€ 54.63



## SEAL KIT FOR FFPMS HYDRAULIC MOTOR

PART NO	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
FFPMS-SEALKIT	Seal Kit for FFPMS Hydraulic Motor	£66.33	€ 74.95



# M&S HYDRAULIC MOTORS

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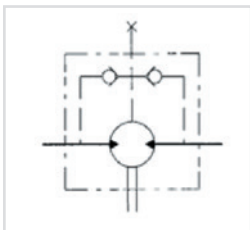


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# M+S HYDRAULIC MOTOR SERIES EPMM

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**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

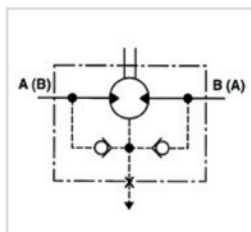
TYPE		EPMM	EPMM	EPMM	EPMM	EPMM	EPMM
		8	12.5	20	32	40	50
Displacement [cm <sup>3</sup> /REV]		8,2	12,9	20	31,8	40	50
Max. Speed [RPM]	Cont.	1950	1550	1000	630	500	400
	Int.(1)	2440	1940	1250	790	625	500
Max. Torque [daNm]	Cont.	1,1	1,6	2,5	4,0	4,1	4,5
	Int.(1)	1,5	2,3	3,5	5,7	5,7	5,8
	Peak (2)	2,1	3,3	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	£168.70	€ 190.63
EPMM20C	Hydraulic motor EPMM20C, 19.9ccm/REV, shaft 16mm, G 3/8" BSP, rear ports	£171.52	€ 193.81
EPMM32C	Hydraulic motor EPMM32C, 31.8ccm/REV, shaft 16mm, G 3/8" BSP, rear ports	£174.45	€ 197.13
EPMM40C	Hydraulic motor EPMM40C, 40ccm/REV, shaft 16mm, G 3/8" BSP, rear ports	£186.33	€ 210.56
EPMM50C	Hydraulic motor EPMM50C, 50ccm/REV, shaft 16mm, G 3/8" BSP, rear ports	£208.44	€ 235.53
EPMM8C	Hydraulic motor EPMM8C, 8.2ccm/REV, shaft 16mm, G 3/8" BSP, rear ports	£165.96	€ 187.54
EPMM12,5CK	Hydraulic motor EPMM12,5CK, 12.9ccm/REV, shaft 14mm, G 3/8" BSP, rear ports	£168.70	€ 190.63
EPMM20CK	Hydraulic motor EPMM20CK, 19.9ccm/REV, shaft 14mm, G 3/8" BSP, rear ports	£171.52	€ 193.81
EPMM32CK	Hydraulic motor EPMM32CK, 31.8ccm/REV, shaft 14mm, G 3/8" BSP, rear ports	£174.45	€ 197.13
EPMM40CK	Hydraulic motor EPMM40CK, 40ccm/REV, shaft 14mm, G 3/8" BSP, rear ports	£186.33	€ 210.56
EPMM50CK	Hydraulic motor EPMM50CK, 50ccm/REV, shaft 14mm, G 3/8" BSP, rear ports	£208.44	€ 235.53
EPMM8CK	Hydraulic motor EPMM8CK, 8.2ccm/REV, shaft 14mm, G 3/8" BSP, rear ports	£165.96	€ 187.54
EPMMS12,5C	Hydraulic motor EPMM12,5C, 12.9ccm/REV, shaft 16mm, G 3/8" BSP, side ports	£168.70	€ 190.63
EPMMS20C	Hydraulic motor EPMM20C, 19.9ccm/REV, shaft 16mm, G 3/8" BSP, side ports	£171.52	€ 193.81
EPMMS32C	Hydraulic motor EPMM32C, 31.8ccm/REV, shaft 16mm, G 3/8" BSP, side ports	£174.45	€ 197.13
EPMMS40C	Hydraulic motor EPMM40C, 40ccm/REV, shaft 16mm, G 3/8" BSP, side ports	£186.33	€ 210.56
EPMMS50C	Hydraulic motor EPMM50C, 50ccm/REV, shaft 16mm, G 3/8" BSP, side ports	£208.44	€ 235.53
EPMMS8C	Hydraulic motor EPMM8C, 8.2ccm/REV, shaft 16mm, G 3/8" BSP, side ports	£165.96	€ 187.54
EPMMS12,5CK	Hydraulic motor EPMM12,5CK, 12.9ccm/REV, shaft 14mm, G 3/8" BSP, side ports	£168.70	€ 190.63
EPMMS20CK	Hydraulic motor EPMM20CK, 19.9ccm/REV, shaft 14mm, G 3/8" BSP, side ports	£171.52	€ 193.81
EPMMS32CK	Hydraulic motor EPMM32CK, 31.8ccm/REV, shaft 14mm, G 3/8" BSP, side ports	£174.45	€ 197.13
EPMMS40CK	Hydraulic motor EPMM40CK, 40ccm/REV, shaft 14mm, G 3/8" BSP, side ports	£186.33	€ 210.56
EPMMS50CK	Hydraulic motor EPMM50CK, 50ccm/REV, shaft 14mm, G 3/8" BSP, side ports	£208.44	€ 235.53
EPMMS8CK	Hydraulic motor EPMM8CK, 8.2ccm/REV, shaft 14mm, G 3/8" BSP, side ports	£165.96	€ 187.54

For all other M+S prices please contact the Flowfit sales team.

# M+S HYDRAULIC MOTOR SERIES EPM

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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	EPM	EPM	EPM	EPM	EPM	EPM	EPM	EPM	EPM	EPM	EPM	EPM	EPM
		25	32	40	50	80	100	125	160	200	250	315	400	500	630
Displacement [cm <sup>3</sup> /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	£178.02	€ 201.16
EPM032CD	HYDRAULIC MOTOR 32CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£188.36	€ 212.85
EPM040CD	HYDRAULIC MOTOR 40CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£181.13	€ 204.67
EPM050CD	HYDRAULIC MOTOR 50CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£182.53	€ 206.26
EPM080CD	HYDRAULIC MOTOR 80CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£187.44	€ 211.80
EPM100CD	HYDRAULIC MOTOR 100CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£190.71	€ 215.50
EPM125CD	HYDRAULIC MOTOR 125CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£195.68	€ 221.12
EPM160CD	HYDRAULIC MOTOR 160CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£200.59	€ 226.67
EPM200CD	HYDRAULIC MOTOR 200CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£207.11	€ 234.04
EPM250CD	HYDRAULIC MOTOR 250CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£212.03	€ 239.59
EPM315CD	HYDRAULIC MOTOR 315CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£216.96	€ 245.17
EPM400CD	HYDRAULIC MOTOR 400CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£225.15	€ 254.42
EPM500CD	HYDRAULIC MOTOR 500CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£274.70	€ 310.41
EPM630CD	HYDRAULIC MOTOR 630CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£319.92	€ 361.51
EPM025COD	HYDRAULIC MOTOR 25.4CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£178.02	€ 201.16

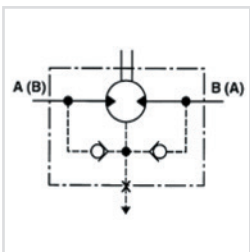
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
EPM032COD	HYDRAULIC MOTOR 32CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£188.36	€ 212.85
EPM040COD	HYDRAULIC MOTOR 40CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£181.13	€ 204.67
EPM050COD	HYDRAULIC MOTOR 50CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£182.53	€ 206.26
EPM080COD	HYDRAULIC MOTOR 80CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£187.44	€ 211.80
EPM100COD	HYDRAULIC MOTOR 100CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£190.71	€ 215.50
EPM125COD	HYDRAULIC MOTOR 125.4CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£195.68	€ 221.12
EPM160COD	HYDRAULIC MOTOR 160CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£200.59	€ 226.67
EPM200COD	HYDRAULIC MOTOR 200CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£207.11	€ 234.04
EPM250COD	HYDRAULIC MOTOR 25.40CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£212.03	€ 239.59
EPM315COD	HYDRAULIC MOTOR 315CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£216.96	€ 245.17
EPM400COD	HYDRAULIC MOTOR 400CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£225.15	€ 254.42
EPM500COD	HYDRAULIC MOTOR 500CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£274.70	€ 310.41
EPM630COD	HYDRAULIC MOTOR 630CCM/REV, 25.4MM SHAFT 1/2" BSP PORTS SAE A, HPS	£319.92	€ 361.51

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## M+S HYDRAULIC MOTOR SERIES EPRM

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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	EPRM	EPRM	EPRM	EPRM	EPRM	EPRM	EPRM	EPRM
		50	80	100	125	160	200	250	315	400
Displacement [cm <sup>3</sup> /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

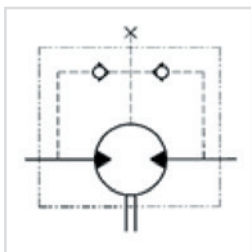
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
EPRM050CD	HYDRAULIC MOTOR 50CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£247.19	€ 279.33
EPRM080CD	HYDRAULIC MOTOR 80CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£253.94	€ 286.96
EPRM100CD	HYDRAULIC MOTOR 100CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£258.42	€ 292.01
EPRM125CD	HYDRAULIC MOTOR 125CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£265.23	€ 299.71
EPRM160CD	HYDRAULIC MOTOR 160CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£258.36	€ 291.95
EPRM200CD	HYDRAULIC MOTOR 200CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£280.55	€ 317.02
EPRM250CD	HYDRAULIC MOTOR 250CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£287.72	€ 325.12
EPRM315CD	HYDRAULIC MOTOR 315CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£294.64	€ 332.94
EPRM400CD	HYDRAULIC MOTOR 400CCM/REV, 25MM SHAFT 1/2" BSP PORTS SAE A, HPS	£305.75	€ 345.50
EPRM050COD	HYDRAULIC MOTOR 50CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS	£247.19	€ 279.33
EPRM080COD	HYDRAULIC MOTOR 80CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS	£253.94	€ 286.96
EPRM100COD	HYDRAULIC MOTOR 100CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS	£258.42	€ 292.01
EPRM125COD	HYDRAULIC MOTOR 125CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS	£265.23	€ 299.71
EPRM160COD	HYDRAULIC MOTOR 160CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS	£258.36	€ 291.95
EPRM200COD	HYDRAULIC MOTOR 200CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS	£280.55	€ 317.02
EPRM250COD	HYDRAULIC MOTOR 250CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS	£287.72	€ 325.12
EPRM315COD	HYDRAULIC MOTOR 315CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS	£294.64	€ 332.94
EPRM400COD	HYDRAULIC MOTOR 400CCM/REV, 1" SHAFT 1/2" BSP PORTS SAE A, HPS	£305.75	€ 345.50

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 [cc/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) Intermittent operation rating applies to 6 sec. of every minute

(2) Peak load rating applies to 0,6 sec of every minute

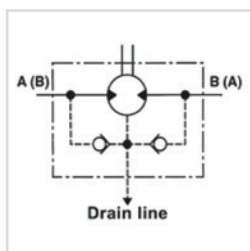
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
EPMS080C	HYDRAULIC MOTOR 80CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£364.57	€ 419.26
EPMS100C	HYDRAULIC MOTOR 100CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£369.53	€ 424.96
EPMS125C	HYDRAULIC MOTOR 125CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£375.30	€ 431.60
EPMS160C	HYDRAULIC MOTOR 160CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£383.88	€ 441.46
EPMS200C	HYDRAULIC MOTOR 200CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£390.32	€ 448.86
EPMS250C	HYDRAULIC MOTOR 250CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£397.27	€ 456.86
EPMS315C	HYDRAULIC MOTOR 315CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£420.33	€ 483.37
EPMS400C	HYDRAULIC MOTOR 400CCM/REV, 32MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£441.76	€ 508.02

For all other M+S prices please contact the Flowfit sales team.

If the part number 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 [cm <sup>3</sup> /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) Intermittent operation rating applies to 6 sec. of every minute

(2) Peak load rating applies to 0,6 sec of every minute

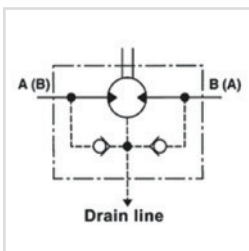
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
EPMT160C	HYDRAULIC MOTOR 160CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£652.00	€ 749.80
EPMT200C	HYDRAULIC MOTOR 200CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£665.92	€ 765.81
EPMT250C	HYDRAULIC MOTOR 250CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£687.10	€ 790.16
EPMT315C	HYDRAULIC MOTOR 315CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£704.78	€ 810.50
EPMT400C	HYDRAULIC MOTOR 400CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£732.95	€ 842.90
EPMT500C	HYDRAULIC MOTOR 500CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£782.27	€ 899.61
EPMT630C	HYDRAULIC MOTOR 630CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£816.55	€ 939.04
EPMT725C	HYDRAULIC MOTOR 725CCM/REV, 40MM SHAFT 1/2" BSP PORTS STD 4 BOLT MOUNT	£860.18	€ 989.21

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

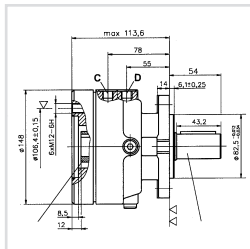
TYPE		FFPMT	EPMV	EPMV	EPMV	EPMV
		315	400	500	630	800
Displacement [cm <sup>3</sup> /REV]		314,5	400,9	499,6	629,1	801,8
Max. Speed [RPM]	Cont.	510	500	400	320	250
	Int.(1)	630	600	480	380	300
Max. Torque [daNm]	Cont.	92	118	146	166	188
	Int.(1)	111	141	176	194	211
	Peak (2)	129	164	205	221	247
"Max. 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 [l/min]"	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	£929.68	€ 1,069.13
EPMV400C	HYDRAULIC MOTOR 400CCM/REV, 50MM SHAFT 1" BSP PORTS STD 4 BOLT MOUNT	£966.81	€ 1,111.83
EPMV500C	HYDRAULIC MOTOR 500CCM/REV, 50MM SHAFT 1" BSP PORTS STD 4 BOLT MOUNT	£1,031.81	€ 1,186.59
EPMV630C	HYDRAULIC MOTOR 630CCM/REV, 50MM SHAFT 1" BSP PORTS STD 4 BOLT MOUNT	£1,208.21	€ 1,389.45
EPMV800C	HYDRAULIC MOTOR 800CCM/REV, 50MM SHAFT 1" BSP PORTS STD 4 BOLT MOUNT	£1,272.96	€ 1,463.90

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 -***-**-	EPMS (standard mount)			*		*	*	*				
TYPE ELB 290 -***-**-	EPMS (wheel mount)		*			*	*	MS				
TYPE ELB 314 -***-**-	EPMS (standard mount)			*	*		*		*	*	*	*
TYPE ELB 315 -***-**-	EPMS (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 equipment and others. These hydraulic units amplify the torque 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 liquid is supplied by a separate pump and then is directed by the metering pump to the steering cylinders.

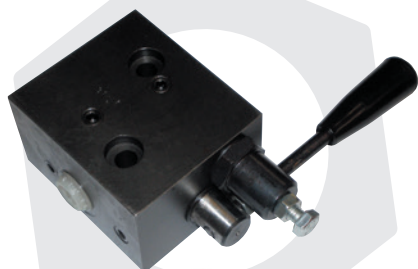
The XY steering unit is manufactured with a built-in check valves, and there is an option for a built-in relief valve in the inlet.

**VARIOUS OPTIONS AVAILABLE.  
PLEASE CONTACT US FOR FURTHER DETAILS.**

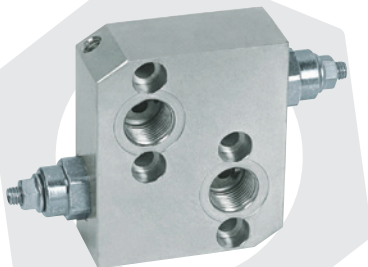
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# BOLT ON HYDRAULIC VALVES TO SUIT FLOWFIT AND M+S HYDRAULIC MOTORS

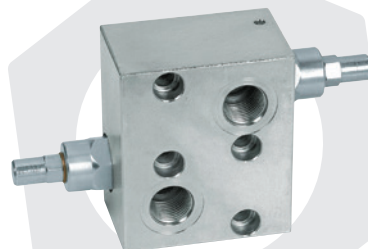
PRODUCT	PAGE
BDR TYPE	337
BDS TYPE	337
BVR TYPE	338



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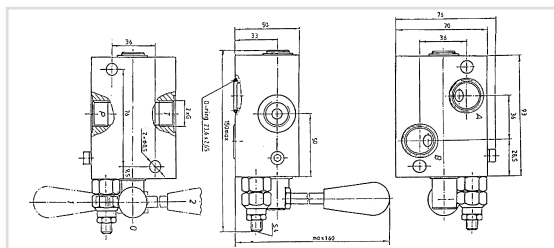
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## BDR TYPE

### 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

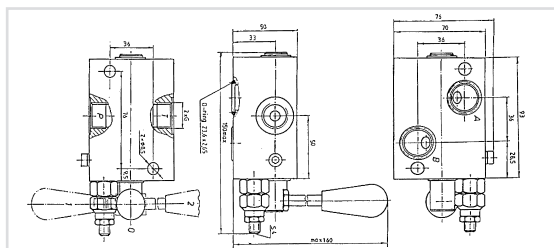
- Nominal flow rate 25 l/min for X = 38
- Nominal flow rate 50 l/min for X = 12
- Nominal pressure 210 bar
- Relief valve variation ratio 10-250 bar

PART NO.	FLOW L/MIN	NOMINAL PRESSURE (BAR)	NETT. PRICE	
			£ STERLING	€ EUROS
BDR-38-04	25	210	£175.97	€ 198.85
BDR-38-05	25	210	£175.97	€ 198.85
BDR-12-04	50	210	£175.97	€ 198.85
BDR-12-05	50	210	£175.97	€ 198.85

## 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

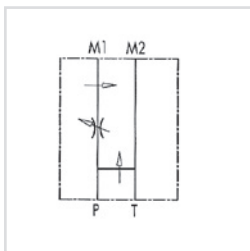
PART NO.	FLOW L/MIN	NOMINAL PRESSURE (BAR)	NETT. PRICE	
			£ STERLING	€ EUROS
BDS-38-04	25	210	£175.97	€ 198.85
BDS-38-05	25	210	£175.97	€ 198.85
BDS-12-04	50	210	£175.97	€ 198.85
BDS-12-05	50	210	£175.97	€ 198.85

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



## 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 certain setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained directly in T (tank).

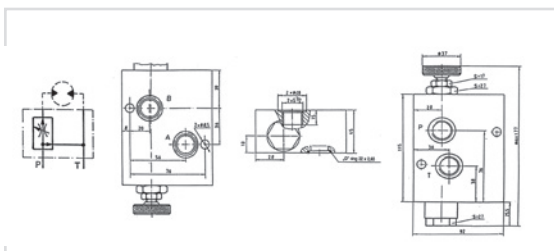
Body: zinc-plated steel, Internal parts: Hardened and ground steel,  
Seals: Buna N standard, Tightness: By diameter combination. Minor leakage (few drops per minute), Applications: Connect M1 and M2 to the motor and P and T to the pressure.

PART NO.	TYPE	BSP PORTS	MAX INLET FLOW	MAX ADJUSTED FLOW	MAX PRESSURE (BAR)	NETT. PRICE	
						£ STERLING	€ EUROS
V1121	RFP3 1/2" OMP/OMR	1/2"	50 L/MIN	30 L/MIN	350	£104.19	€ 117.74

## BVR TYPE

## BVR TYPE MOTOR MOUNTED PRESSURE COMPENSATED FLOW CONTROL VALVE

www.flowfitonline.com  
TECH. DATA SHEET  
**BOHV4**

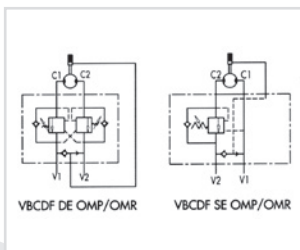


Manifold mounts directly onto ports of EPM and EPRM (OMP + OMR MOTORS)

PART NO.	FLOW L/MIN	MAX PRESSURE (BAR)	PRICE	
			£ STERLING	€ EUROS
BV/R/12/05	100	250	£167.84	€ 189.66

## OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMP/OMR

www.flowfitonline.com  
TECH. DATA SHEET  
**BOHV5**

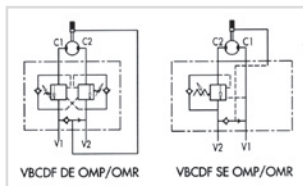
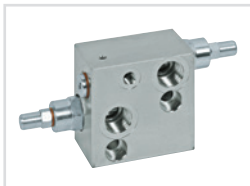


Direct flange is ideal for Danfoss motor type omp-omr and provides a maximum safety, very low pressure drops and solid installation

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	£72.22	€ 81.61
V0425	VBCDF 1/2" DE OMP-OMR	1:4,5	50	350	£127.04	€ 143.55
V0415/SF	VBCDF 1/2" SE OMP-OMR SF/ BRAKE UNCLAPING	1:4,5	50	350	£79.88	€ 90.27
V0425/SF	VBCDF 1/2" DE OMP-OMR SF/ BRAKE UNCLAPING	1:4,5	50	350	£128.82	€ 145.57
NB. BRAKE UNCLAPING MEANS "A MECHANICAL FAIL SAFE BRAKE"						

## OVERCENTRE VALVES FLANGEABLE ON DANFOSS MOTORS OMS

www.flowfitonline.com  
TECH. DATA SHEET  
**BOHV6**



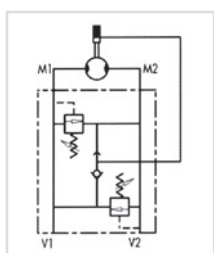
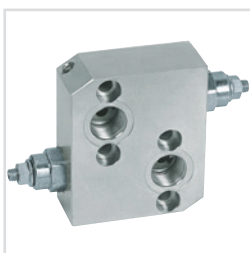
Direct flange is ideal for Danfoss motors type oms and provides a maximum safety, very low pressure drops and solid installation

CODE	TYPE	PILOT RATIO	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
V0416	VB CDF 1/2" SE OMS	1:4,5	50	350	£70.32	€ 79.46
V0426	VB CDF 1/2" DE OMS	1:4,5	50	350	£114.71	€ 129.63
V0416/SF	VB CDF 1/2" SE OMS /SF BRAKE UNCLAPING	1:8	50	350	£76.60	€ 86.56
V0426/SF	VB CDF 1/2" DE OMS SF/ BRAKE UNCLAPING	1:8	50	350	£125.94	€ 142.31

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 unclamping (CODE/ SF)

CODE	TYPE	MAX FLOW L/MIN	MAX PRESSURE BAR	NETT. PRICE	
				£ STERLING	€ EUROS
V0490	VAU 1/2" OMS	50	300	£54.59	€ 61.69
V0500	VAU 1/2" OMP/OMR	60	300	£58.41	€ 66.00
V0505	VAU 3/4" OMT	100	300	£66.55	€ 75.20
V0490/SE	VAU 1/2" OMS SE/ SINGLE ACTING	50	300	£52.56	€ 59.40
V0500/SE	VAU 1/2" OMP/OMR SE/SINGLE ACTING	60	300	£54.29	€ 61.34
V0505/SE	VAU 3/4" OMT SE/SINGLE ACTING	100	300	£65.04	€ 73.49
V0490/T	VAU 1/2" OMS PRESSURE PRESET	50	300	£57.13	€ 64.56
V0500/T	VAU 1/2" OMP/OMR PRESSURE PRESET	60	300	£58.42	€ 66.02
V0505/T	VAU 3/4" OMT PRESSURE PRESET	100	300	£69.20	€ 78.19
V0490/V	VAU 1/2" OMS HANDKNOB	50	300	£59.82	€ 67.59
V0500/V	VAU 1/2" OMP/OMR HANDKNOB	60	300	£61.25	€ 69.21
V0505/V	VAU 3/4" OMT HANDKNOB	100	300	£59.36	€ 67.07
V0490/P	VAU 1/2" OMS SEALING CAP	50	300	£61.23	€ 69.18
V0500/P	VAU 1/2" OMP/OMR SEALING CAP	60	300	£62.46	€ 70.58
V0505/P	VAU 3/4" OMT SEALING CAP	100	300	£73.23	€ 82.75
V0490/SF	VAU 1/2" OMS SF/ BRAKE UNCLAPING	50	300	£61.01	€ 68.94
V0500/SF	VAU 1/2" OMP/OMR SF/ BRAKE UNCLAPING	60	300	£62.23	€ 70.32
V0505/SF	VAU 3/4" OMT SF/ BRAKE UNCLAPING	100	300	£73.04	€ 82.53

NB. BRACE UNCLAPING MEANS " A MECHANICAL FAIL SAFE BRAKE "

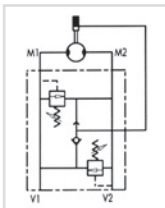
### SPRINGS

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

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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	£54.58	€ 61.67
V0455/T	VAU 1" AG - AR PRESSURE PRESET	60	300	£57.07	€ 64.49
V0455/V	VAU 1" AG - AR HANDKNOB	60	300	£59.60	€ 67.35
V0455/P	VAU 1" AG - AR SEALING CAP	60	300	£60.86	€ 68.77
V0455/SF	VAU 1" AG - AR SF/ BRAKE UNCLAPING	60	300	£60.86	€ 68.77

BRAKE 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

# GEAR MOTORS

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SEAL KITS	344



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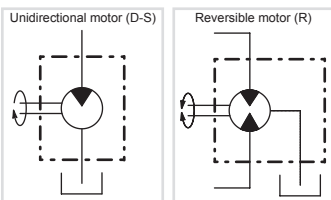


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EVALUATION**  
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and we will  
do the rest

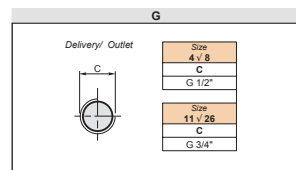
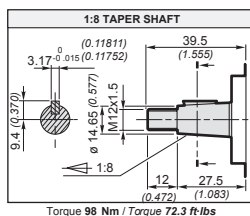
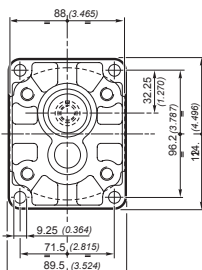
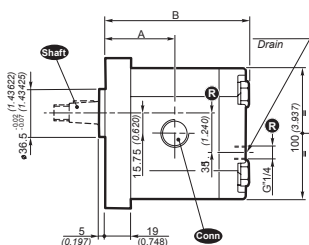
## GROUP 2

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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 hydrostatic 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



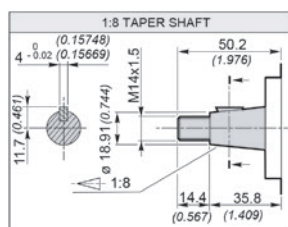
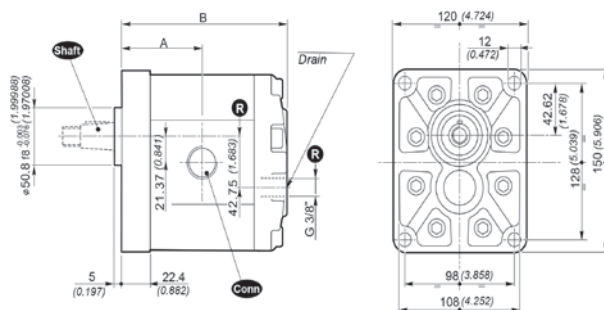
CLOCKWISE			
PART NUMBER	DISPLACEMENT (CC)	NETT. PRICE	
		£ STERLING	€ EUROS
2SMA4D10G	4	£117.96	€ 133.29
2SMA6D10G	6	£117.96	€ 133.29
2SMA8D10G	8.5	£117.96	€ 133.29
2SMA11D10G	11	£117.96	€ 133.29
2SMA14D10G	14	£117.96	€ 133.29
2SMA16D10G	16.5	£117.96	€ 133.29
2SMA19D10G	19.5	£117.96	€ 133.29
2SMA22D10G	22.5	£117.96	€ 133.29
2SMA26D10G	26	£117.96	€ 133.29

ANTI-CLOCKWISE			
PART NUMBER	DISPLACEMENT (CC)	NETT. PRICE	
		£ STERLING	€ EUROS
2SMA4S10G	4	£117.96	€ 133.29
2SMA6S10G	6	£117.96	€ 133.29
2SMA8S10G	8.5	£117.96	€ 133.29
2SMA11S10G	11	£117.96	€ 133.29
2SMA14S10G	14	£117.96	€ 133.29
2SMA16S10G	16.5	£117.96	€ 133.29
2SMA19S10G	19.5	£117.96	€ 133.29
2SMA22S10G	22.5	£117.96	€ 133.29
2SMA26S10G	26	£117.96	€ 133.29

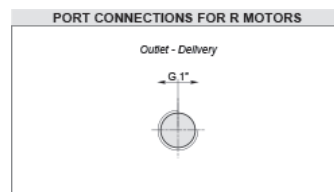
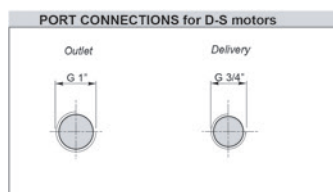
REVERSIBLE (WITH EXTERNAL DRAIN)			
PART NUMBER	DISPLACEMENT (CC)	NETT. PRICE	
		£ STERLING	€ EUROS
2SMA4R10G	4	£145.77	€ 164.72
2SMA6R10G	6	£145.77	€ 164.72
2SMA8R10G	8.5	£145.77	€ 164.72
2SMA11R10G	11	£145.77	€ 164.72
2SMA14R10G	14	£145.77	€ 164.72
2SMA16R10G	16.5	£145.77	€ 164.72
2SMA19R10G	19.5	£145.77	€ 164.72
2SMA22R10G	22.5	£145.77	€ 164.72
2SMA26R10G	26	£145.77	€ 164.72

# GROUP 3

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TECH. DATA SHEET  
**GM02**



Torque 240 Nm / Torque 177 R-lbs



CLOCKWISE			
PART NUMBER	DISPLACEMENT (CC)	NETT. PRICE	
		£ STERLING	€ EUROS
3SMA19D10G	19	£276.35	€ 312.27
3SMA22D10G	22.3	£276.35	€ 312.27
3SMA29D10G	29.3	£276.35	€ 312.27
3SMA33D10G	32.9	£276.35	€ 312.27
3SMA36D10G	36.4	£276.35	€ 312.27
3SMA44D10G	43.5	£276.35	€ 312.27
3SMA52D10G	51.7	£276.35	€ 312.27
3SMA62D10G	61.1	£276.35	€ 312.27

FOR ALL POWER CALCULATIONS AND PERFORMANCE GRAPHS PLEASE DOWNLOAD TECHNICAL DATA

ANTI-CLOCKWISE			
PART NUMBER	DISPLACEMENT (CC)	NETT. PRICE	
		£ STERLING	€ EUROS
3SMA19S10G	19	£276.35	€ 312.27
3SMA22S10G	22.3	£276.35	€ 312.27
3SMA29S10G	29.3	£276.35	€ 312.27
3SMA33S10G	32.9	£276.35	€ 312.27
3SMA36S10G	36.4	£276.35	€ 312.27
3SMA44S10G	43.5	£276.35	€ 312.27
3SMA52S10G	51.7	£276.35	€ 312.27
3SMA62S10G	61.1	£276.35	€ 312.27

REVERSIBLE (WITH EXTERNAL DRAIN)			
PART NUMBER	DISPLACEMENT (CC)	NETT. PRICE	
		£ STERLING	€ EUROS
3SMA19R10G	19	£298.45	€ 337.25
3SMA22R10G	22.3	£298.45	€ 337.25
3SMA29R10G	29.3	£298.45	€ 337.25
3SMA33R10G	32.9	£298.45	€ 337.25
3SMA36R10G	36.4	£298.45	€ 337.25
3SMA44R10G	43.5	£298.45	€ 337.25
3SMA52R10G	51.7	£298.45	€ 337.25
3SMA62R10G	61.1	£298.45	€ 337.25



**BUNA SEAL/CIRCLIP TO SUIT  
3SMG GALTECH GEAR MOTOR**



PART NO	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
SEALKIT_3SMG	BUNA Seal/Circlip To Suit 3SMG Galtech Gear Motor 30 BAR	£19.85	€ 22.42





## HYDRAULIC MOTORS

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**FFPMH**



**FFPM/EPM**



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**FFPMS/EPMS**



**FFPMT/EPMT**



**FFPMV/EPMV**



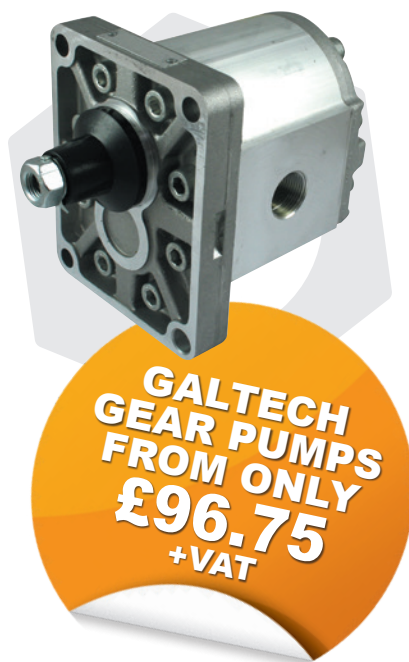
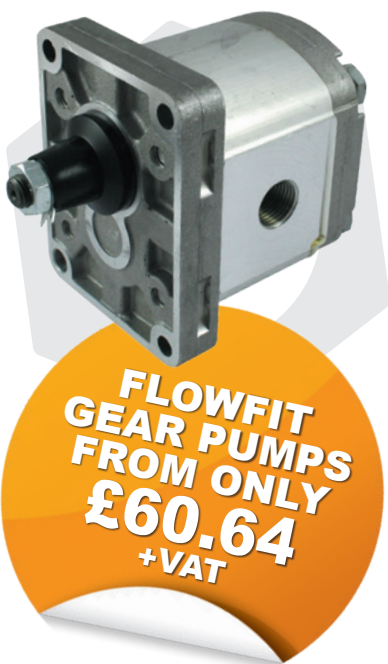
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# GEAR PUMPS

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**QUALITY PRODUCTS**



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# FLOWFIT GEAR PUMPS



Flowfit gear pumps are manufactured in 31 displacements ranging from 0.8cc to 89cc and working pressure up to 300 Bar.

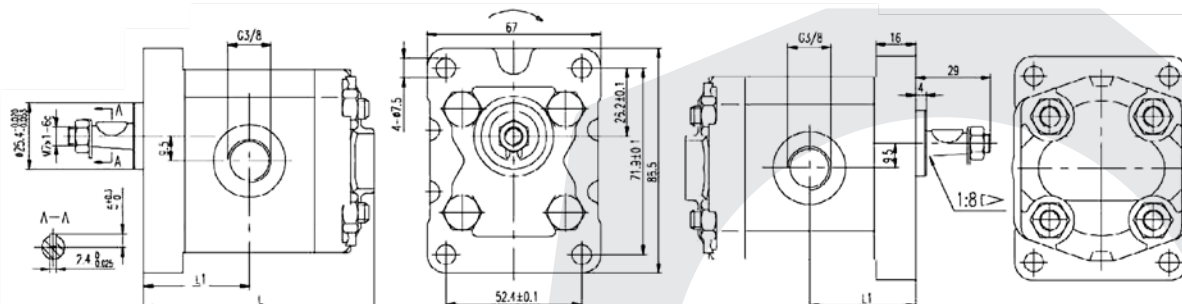
A huge range of Group 1, Group 2 and Group 3 pumps are available in stock with 1:8 taper shafts, 4 bolt European flange and BSP ports as Standard. Flanged ports and different shafts are available upon request. Please speak to a member of the sales team.

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TECH. DATA SHEET  
**FP01**

## FLOWFIT PUMPS GROUP 1

PART NUMBER	DISPLACEMENT [cm <sup>3</sup> /rev]	INLET PORT	OUTLET PORT	PRESSURE MPA		SPEED			L (MM)	L1 (MM)	NETT. PRICE	
				RATED	PEAK	RATED	MAX	MIN			£ STERLING	€ EUROS
VNKB010000B	1.1 CC	3/8" BSP	3/8" BSP	25	28	2000	3500	600	75	33	£60.64	€ 68.52
VNKB010001B	1.3 CC	3/8" BSP	3/8" BSP	25	28	2000	3500	600	76	34	£60.64	€ 68.52
VNKB010002.5B	1.6 CC	3/8" BSP	3/8" BSP	25	28	2000	3500	600	78	35	£60.64	€ 68.52
VNKB010002B	1.8 CC	3/8" BSP	3/8" BSP	25	28	2000	3500	600	78.5	35.5	£60.64	€ 68.52
VNKB010002NB	2.1 CC	3/8" BSP	3/8" BSP	25	28	2000	3500	600	79	36	£60.64	€ 68.52
VNKB010003B	2.7 CC	3/8" BSP	3/8" BSP	25	28	2000	3500	600	81	37	£60.64	€ 68.52
VNKB010004B	3.2 CC	3/8" BSP	3/8" BSP	25	28	2000	3500	600	83	38	£60.64	€ 68.52
VNKB010005.1B	3.7 CC	3/8" BSP	3/8" BSP	25	28	2000	3500	600	85	39	£60.64	€ 68.52
VNKB010005B	4.2 CC	3/8" BSP	3/8" BSP	25	28	2000	3500	600	85	40	£60.64	€ 68.52
VNKB010006B	4.8 CC	3/8" BSP	3/8" BSP	23	25	2000	3500	600	87	41	£60.64	€ 68.52
VNKB010007B	5.8 CC	3/8" BSP	3/8" BSP	23	25	2000	3500	600	89	43	£60.64	€ 68.52
VNKB010008B	8.0 CC	1/2" BSP	3/8" BSP	21	23	2000	3500	600	93	47	£60.64	€ 68.52

PART NUMBER	DISPLACEMENT [cm <sup>3</sup> /rev]	INLET PORT	OUTLET PORT	PRESSURE MPA		SPEED			L (MM)	L1 (MM)	NETT. PRICE	
				RATED	PEAK	RATED	MAX	MIN			£ STERLING	€ EUROS
VNKB010010B	1.0 CC	30 PCD Flange	30 PCD Flange	25	28	2000	3500	600	75	33	£60.64	€ 68.52
VNKB010011B	1.3 CC	30 PCD Flange	30 PCD Flange	25	28	2000	3500	600	76	34	£60.64	€ 68.52
VNKB010012B	1.8 CC	30 PCD Flange	30 PCD Flange	25	28	2000	3500	600	78	35	£60.64	€ 68.52
VNKB010012NB	2.1 CC	30 PCD Flange	30 PCD Flange	25	28	2000	3500	600	78.5	35.5	£60.64	€ 68.52
VNKB010013B	2.7 CC	30 PCD Flange	30 PCD Flange	25	28	2000	3500	600	79	36	£60.64	€ 68.52
VNKB010014B	3.2 CC	30 PCD Flange	30 PCD Flange	25	28	2000	3500	600	81	37	£60.64	€ 68.52
VNKB010015.1B	3.7 CC	30 PCD Flange	30 PCD Flange	25	28	2000	3500	600	83	38	£60.64	€ 68.52
VNKB010015B	4.2 CC	30 PCD Flange	30 PCD Flange	25	28	2000	3500	600	85	39	£60.64	€ 68.52
VNKB010016B	4.8 CC	30 PCD Flange	30 PCD Flange	25	28	2000	3500	600	85	40	£60.64	€ 68.52
VNKB010017B	5.8 CC	30 PCD Flange	30 PCD Flange	23	25	2000	3500	600	87	41	£60.64	€ 68.52
VNKB010018.1B	7.8 CC	30 PCD Flange	30 PCD Flange	23	25	2000	3500	600	89	43	£60.64	€ 68.52
VNKB010018B	8.0 CC	30 PCD Flange	30 PCD Flange	21	23	2000	3500	600	93	47	£60.64	€ 68.52



## GALTECH 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

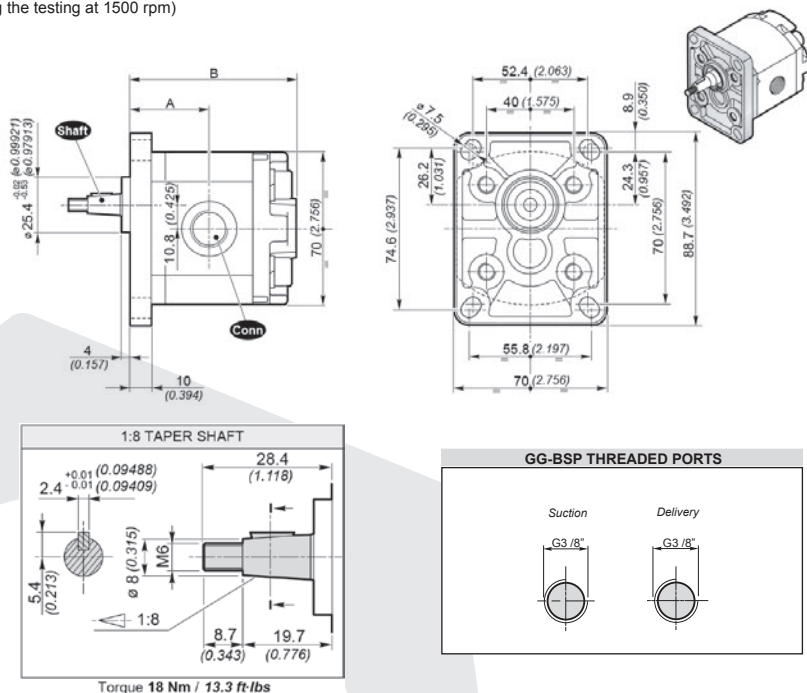
www.flowfitonline.com  
TECH. DATA SHEET  
**GP01**

## GALTECH PUMPS GROUP 1

PART NUMBER	DISPLACEMENT [cm³/rev] [in³/rev]	MAX. WORKING PRESSURE			MAX. SPEED [g/min] [rpm]	MAX. FLOW [l/min] [Gal/min]	MIN. SPEED [g/min] [rpm]	MIN. FLOW [l/min] [Gal/min]	DIMENSIONS		MASS [Kg] [lbs]	NETT. PRICE	
		P1 [bar] [PSI]	P2 [bar] [PSI]	P3 [bar] [PSI]					A [mm] [inch]	B [mm] [inch]			
1GP10010000	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)	£96.75	€ 109.32
1GP10010028	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)	£96.75	€ 109.32
1GP10010063	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)	£96.75	€ 109.32
1GP10010088	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)	£96.75	€ 109.32
1GP10010126	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)	£96.75	€ 109.32
1GP10010163	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)	£96.75	€ 109.32
1GP10010211	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)	£96.75	€ 109.32
1GP10010241	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)	£96.75	€ 109.32
1GP10010275	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)	£96.75	€ 109.32
1GP10010312	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)	£96.75	€ 109.32
1GP10010351	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)	£96.75	€ 109.32
1GP10010376	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)	£96.75	€ 109.32

\* Value collected during the testing at 1500 rpm)

Dimensions mm (inch)



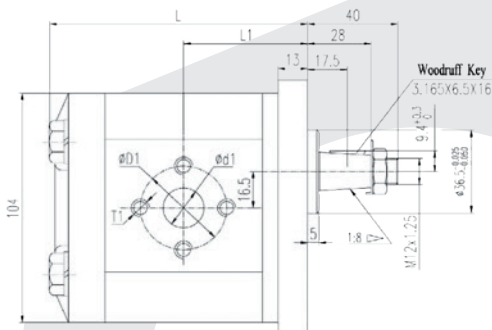
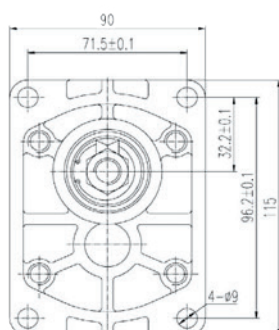
# FLOWFIT PUMPS GROUP 2

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TECH. DATA SHEET  
**FP02**



PART NUMBER	DISPLACEMENT [cm <sup>3</sup> /rev]	INLET PORT	OUTLET PORT	PRESSURE MPA		SPEED			L (MM)	L1 (MM)	NETT. PRICE	
				RATED	PEAK	RATED	MAX	MIN			£ STERLING	€ EUROS
VNKB0202001B	4 CC	1/2" BSP	3/8" BSP	25	28	2000	3500	500	95.5	43.3	£68.36	€ 77.24
VNKB0202002B	6 CC	1/2" BSP	3/8" BSP	25	28	2000	3500	500	99	45	£68.36	€ 77.24
VNKB0202003B	8 CC	1/2" BSP	3/8" BSP	25	28	2000	3500	500	102	46.5	£68.36	€ 77.24
VNKB0202003NB	10 CC	1/2" BSP	3/8" BSP	25	28	2000	3500	500	105	48	£68.36	€ 77.24
VNKB0202004B	12 CC	1/2" BSP	3/8" BSP	25	28	2000	3500	500	108	49.5	£68.36	€ 77.24
VNKB0202005.1B	14 CC	1/2" BSP	3/8" BSP	25	28	2000	3500	500	111	51	£68.36	€ 77.24
VNKB0202005B	16 CC	1/2" BSP	3/8" BSP	25	28	2000	3500	500	114	52.5	£68.36	€ 77.24
VNKB0202006.1B	18 CC	3/4" BSP	1/2" BSP	25	28	2000	3500	500	117.5	54.3	£68.36	€ 77.24
VNKB0202006B	20 CC	3/4" BSP	1/2" BSP	20	25	2000	3500	500	121	56	£68.36	€ 77.24
VNKB0202007B	23 CC	1" BSP	3/4" BSP	20	25	2000	3500	500	125.5	58.3	£68.36	€ 77.24
VNKB0202008B	25 CC	1" BSP	3/4" BSP	16	20	2000	3500	500	128	59.5	£68.36	€ 77.24
VNKB0202010B	30 CC	1" BSP	3/4" BSP	16	20	2000	3500	500	136	63.5	£68.36	€ 77.24

PART NUMBER	DISPLACEMENT [cm <sup>3</sup> /rev]	INLET PORT	OUTLET PORT	PRESSURE MPA		SPEED			L (MM)	L1 (MM)	NETT. PRICE	
				RATED	PEAK	RATED	MAX	MIN			£ STERLING	€ EUROS
VNKB0201001B	4 CC	30mm PCD Flange	30mm PCD Flange	25	28	2000	3500	500	95.5	43.3	£68.36	€ 77.24
VNKB0201002B	6 CC	30mm PCD Flange	30mm PCD Flange	25	28	2000	3500	500	99	45	£68.36	€ 77.24
VNKB0201003.1B	8 CC	40mm PCD Flange	30mm PCD Flange	25	28	2000	3500	500	102	46.5	£68.36	€ 77.24
VNKB0201003B	10 CC	40mm PCD Flange	30mm PCD Flange	25	28	2000	3500	500	105	48	£68.36	€ 77.24
VNKB0201004B	12 CC	40mm PCD Flange	30mm PCD Flange	25	28	2000	3500	500	108	49.5	£68.36	€ 77.24
VNKB0201004NB	14 CC	40mm PCD Flange	30mm PCD Flange	25	28	2000	3500	500	111	51	£68.36	€ 77.24
VNKB0201005.1B	16 CC	40mm PCD Flange	30mm PCD Flange	25	28	2000	3500	500	114	52.5	£68.36	€ 77.24
VNKB0201005B	18 CC	40mm PCD Flange	30mm PCD Flange	25	28	2000	3500	500	117.5	54.3	£68.36	€ 77.24
VNKB0201006B	20 CC	40mm PCD Flange	30mm PCD Flange	20	25	2000	3500	500	121	56	£68.36	€ 77.24
VNKB0201007B	23 CC	40mm PCD Flange	30mm PCD Flange	20	25	2000	3500	500	125.5	58.3	£68.36	€ 77.24
VNKB0201008B	25 CC	40mm PCD Flange	40mm PCD Flange	16	20	2000	3500	500	128	59.5	£68.36	€ 77.24
VNKB0201009B	30 CC	40mm PCD Flange	40mm PCD Flange	16	20	2000	3500	500	136	63.5	£68.36	€ 77.24





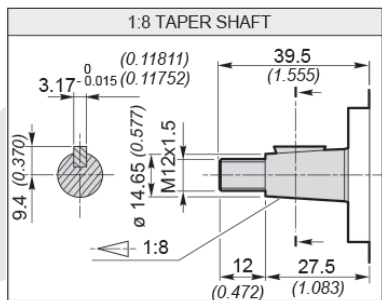
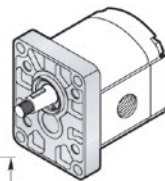
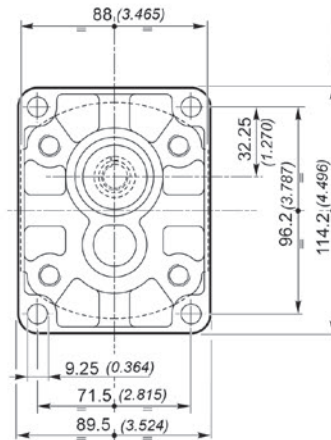
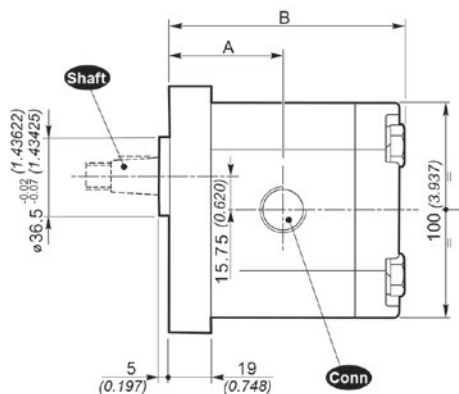
## GALTECH PUMPS GROUP 2

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TECH. DATA SHEET  
**GP02**

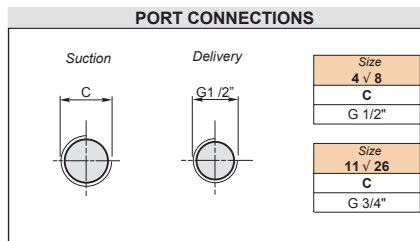
PART NUMBER	DISPLACEMENT [cm³/rev] [in³/rev]	MAX. WORKING PRESSURE			MAX. SPEED [g/min] [rpm]	MAX. FLOW [l/min] [Gal/min]	MIN. SPEED [g/min] [rpm]	MIN. FLOW [l/min] [Gal/min]	DIMENSIONS		MASS [Kg] [lbs]	NETT. PRICE	
		P1 [bar] [PSI]	P2 [bar] [PSI]	P3 [bar] [PSI]					A [mm] [inch]	B [mm] [inch]			
1GP20010000	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)	£112.64	€ 127.29
1GP20010075	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)	£112.64	€ 127.29
1GP20010172	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)	£112.64	€ 127.29
1GP20010299	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)	£112.64	€ 127.29
1GP20010447	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)	£112.64	€ 127.29
1GP20010572	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)	£112.64	€ 127.29
1GP20010706	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)	£112.64	€ 127.29
1GP20010814	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)	£112.64	€ 127.29
1GP20010921	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)	£112.64	€ 127.29

\* Value collected during the testing at 1500 rpm)

Dimensions mm (inch)



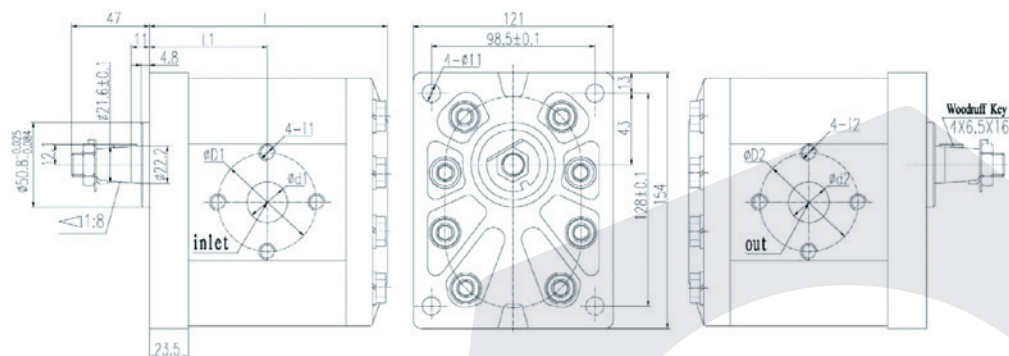
Torque 98 Nm / 72.3 ft-lbs



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**TECH. DATA SHEET**  
**FP03**



PART NUMBER	DISPLACEMENT [cm³/rev]	INLET PORT	OUTLET PORT	PRESSURE MPA		SPEED			L (MM)	L1 (MM)	NETT. PRICE	
				RATED	PEAK	RATED	MAX	MIN			£ STERLING	€ EUROS
VNKB0301000.1B	25 CC	51 PCD Flange	40 PCD Flange	25	30	2000	3000	400	128.5	65.5	£137.81	€ 155.73
VNKB0301001.1B	33 CC	51 PCD Flange	40 PCD Flange	25	30	2000	3000	400	137	69.8	£137.81	€ 155.73
VNKB0301002.1B	39 CC	51 PCD Flange	40 PCD Flange	25	30	2000	3000	400	141	71.8	£137.81	€ 155.73
VNKB0301003.1B	46 CC	51 PCD Flange	40 PCD Flange	25	30	2000	2800	400	143.5	73	£137.81	€ 155.73
VNKB0301004.1B	50 CC	51 PCD Flange	40 PCD Flange	25	30	2000	2800	400	149.5	76	£137.81	€ 155.73
VNKB0301005B	55 CC	51 PCD Flange	40 PCD Flange	20	22	1500	2800	400	156	79.3	£137.81	€ 155.73
VNKB0301005.1B	63 CC	62 PCD Flange	51 PCD Flange	20	25	1500	2800	400	156	79.3	£137.81	€ 155.73
VNKB0301005.2B	70 CC	62 PCD Flange	51 PCD Flange	20	23	1500	2500	400	163	82.8	£137.81	€ 155.73
VNKB0301005.3B	80 CC	62 PCD Flange	51 PCD Flange	20	23	1500	2300	400	169.2	85.2	£137.81	€ 155.73
VNKB0301005.4B	90 CC	62 PCD Flange	51 PCD Flange	18	20	1500	2000	400	174.2	88.2	£137.81	€ 155.73



## GALTECH PUMPS GROUP 3

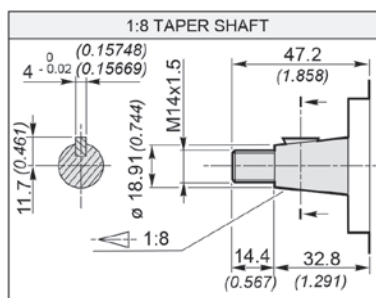
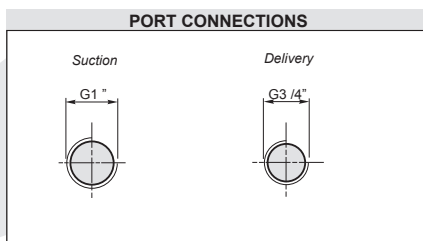
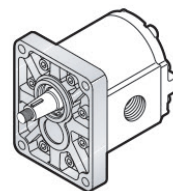
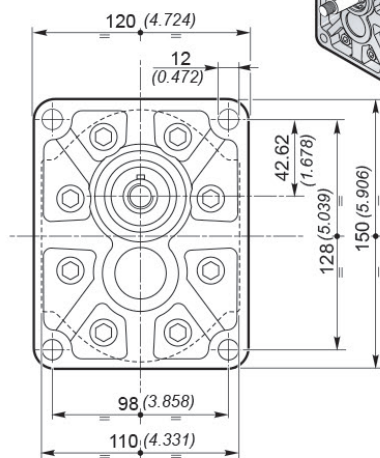
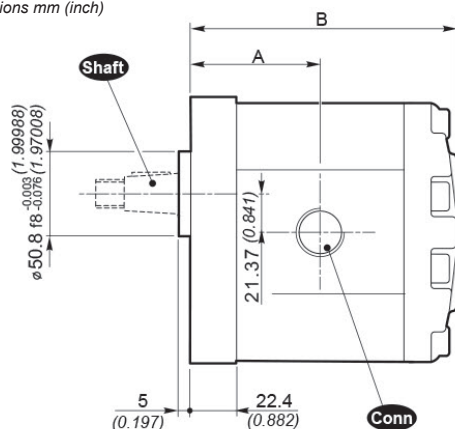
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TECH. DATA SHEET  
**GP03**

PART NUMBER	DISPLACEMENT [cm³/rev] (in³/rev)	MAX. WORKING PRESSURE			MAX. SPEED [g/min] (rpm)	MAX. FLOW [l/min] (Gal/min)	MIN. SPEED [g/min] (rpm)	MIN. FLOW [l/min] (Gal/min)	DIMENSIONS		MASS [Kg] (lbs)	NETT. PRICE	
		P1 [bar] (PSI)	P2 [bar] (PSI)	P3 [bar] (PSI)					A [mm] (inch)	B [mm] (inch)			
1GP30010000	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)	£ 196.14	€ 221.64
1GP30010065	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)	£ 196.14	€ 221.64
1GP30010116	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)	£ 196.14	€ 221.64
1GP30010178	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)	£ 196.14	€ 221.64
1GP30010234	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)	£ 196.14	€ 221.64
1GP30010244	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)	£ 196.14	€ 221.64
1GP30010349	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)	£ 196.14	€ 221.64
1GP30010358	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)	£ 196.14	€ 221.64

\*If you require Anti-Clockwise, please replace the 'D' in the part number with 'S'

\* Value collected during the testing at 1500 rpm)

Dimensions mm (inch)



Torque 240 Nm / 177 ft-lbs

## MULTIPLE TANDEM/TRIPLE HYDRAULIC PUMP KITS

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TECH. DATA SHEET  
**GP04**



Tandem pump kits are a great way of assembling multiple 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 assembly.

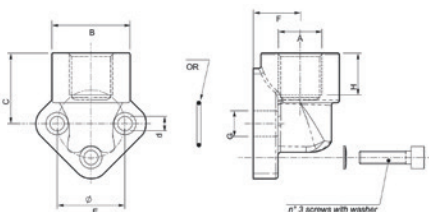


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
01091100000000	Hydraulic Tandem Pump Kit Group 1 to Group 1	£46.38	€ 52.41
01092110000000	Hydraulic Tandem Pump Kit Group 2 to Group 1	£50.36	€ 56.90
01092200000000	Hydraulic Tandem Pump Kit Group 2 to Group 2	£50.36	€ 56.90
01093110000000	Hydraulic Tandem Pump Kit Group 3 to Group 1	£74.21	€ 83.86
01093200000000	Hydraulic Tandem Pump Kit Group 3 to Group 2	£79.52	€ 89.85
01093300000000	Hydraulic Tandem Pump Kit Group 3 to Group 3	£95.42	€ 107.83

## PUMPS AND MOTORS ELBOW CONNECTORS



### PUMP FLANGE 90° ELBOW PORT



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TECH. DATA SHEET  
**GP05**

PART NUMBER	FIXING SIZE	PORT SIZE	TYPE	NETT. PRICE	
				£ STERLING	€ EUROS
TO-030000	26mm PCD	3/8" BSP	RG	£4.68	€ 5.29
TO-030001	30mm PCD	3/8" BSP	RG	£4.68	€ 5.29
TO-030002	30mm PCD	1/2" BSP	RG	£4.68	€ 5.29
TO-030003	40mm PCD	1/2" BSP	RG	£8.55	€ 9.66
TO-030004	40mm PCD	3/4" BSP	RG	£8.55	€ 9.66
TO-030009	51mm PCD	3/4" BSP	RG	£12.68	€ 14.33
TO-030005	51mm PCD	1" BSP	RG	£12.68	€ 14.33
TO-030006	56mm PCD	1" BSP	RG	£13.23	€ 14.95
TO-030007	62mm PCD	1.1/4" BSP	RG	£22.05	€ 24.92
TO-030008	72mm PCD	1.1/2" BSP	RG	£25.36	€ 28.65
TO-030010	92mm PCD	2.1/2" BSP	RG	£66.15	€ 74.75

## GEAR PUMP PAPER BOARD GASKET



PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
PD4371	Paper Board Gasket to Suit Standard Group 1 Pump	£2.63	€ 2.97
PD4373	Paper Board Gasket to Suit Standard Group 2 Pump	£2.63	€ 2.97
PD4374	Paper Board Gasket to Suit Standard Group 3 Pump	£4.41	€ 4.98

## STAINLESS STEEL MANIFOLDS

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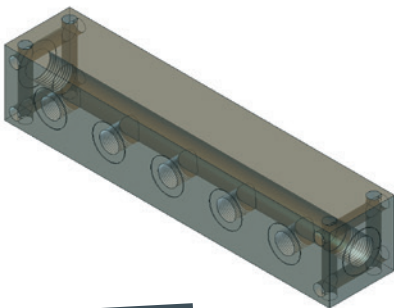
During the design and subsequent construction of hydraulic systems, design engineers and installers increasingly feel the need to use components enabling the paths of the pressure and return lines to be rationalized. A range of standard manifolds have been developed and produced to meet these needs in different types of configurations and sizes.

In particular:

- Three types of configuration:  
parallel-code CMA01  
with independent "Ls"-code CMA02  
with independent "Ts"-code CMA03
- Six connector sizes from 1/8" to 1" BSP
- Number of stations ranging from 2 to a maximum of 9

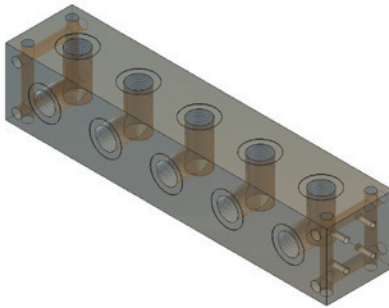
### PARALLEL TYPE

Max Pressure	250 bar
Inlet ports	1/4" – 1 1/4" BSP
Working ports	1/8" – 1" BSP
Stations	2–9



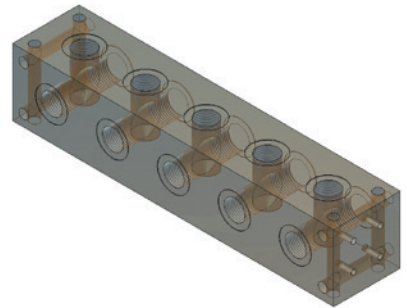
### L-TYPE

Max Pressure	250 bar
Working ports	1/8" – 1" BSP
Stations	2–9



### T-TYPE

Max Pressure	250 bar
Working ports	1/8" – 1" BSP
Stations	2–9



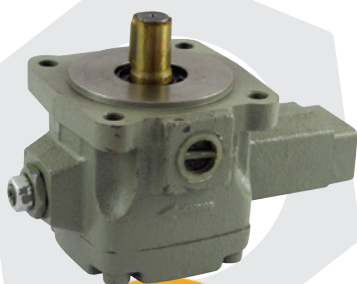
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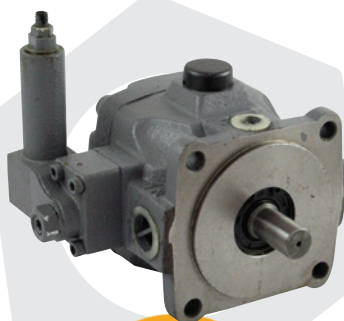


# KOMPASS PUMPS

PRODUCT	PAGE
70 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP	356
140 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP	356
210-250 BAR VARIABLE DISPLACEMENT PISTON PUMPS 250 BAR	357
210-286 BAR VARIABLE DISPLACEMENT PISTON PUMPS 286 BAR	357
350 BAR VARIABLE DISPLACEMENT PISTON PUMPS 350 BAR	357



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## 70 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP

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**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	£306.45	€ 346.29
VA1-12F-★	10 litre	£306.45	€ 346.29
VA1-15F-★	12.5 litre	£306.45	€ 346.29
VB1-20F-★	16.7 litre	£365.15	€ 412.62
VB1-24F-★	20 litre	£365.15	€ 412.62
VC1-26F-★	21.7 litre	£430.34	€ 486.29
VD1-25F-★	21 litre	£430.34	€ 486.29
VD1-30F-★	25 litre	£430.34	€ 486.29
VE1-35F-★	29.2 litre	£430.34	€ 486.29
VE1-40F-★	33.3 litre	£430.34	€ 486.29
VE1-45F-★	37.5 litre	£430.34	€ 486.29

Pressure Ranges A1 = 8 - 20 Bar, A2 = 15 - 35 Bar, A3 = 30 - 70 Bar ★ Please specify

## 140 BAR VARIABLE DISPLACEMENT SINGLE VANE PUMP

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**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	£688.56	€ 778.07
VE2-40F-★	33.3 litre	£715.95	€ 809.03
VF2-54F-★	45 litre	£1,584.77	€ 1,790.78
VK2-70F-★	58 litre	£1,584.77	€ 1,790.78

Pressure Ranges A3 = 50 - 150 Bar, A4 = 70 - 140 Bar ★ Please specify



## 210 - 250 BAR VARIABLE DISPLACEMENT PISTON PUMPS 250 BAR

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**KP01**



### KOMPASS

Controlled Pressure Compensating Type with Unloading Device, Dual Pressure, Dual & 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	£880.71	€ 995.20
V18-A★	26.7 litre	140	£862.14	€ 974.22
V23-A★	34.5 litre	250	£931.11	€ 1,052.15
V38-A★	56.7 litre	250	£1,478.82	€ 1,671.07
V50-A★	77.25 litre	210	£2,683.79	€ 3,032.68
V70-A★	104.55 litre	210	£2,858.66	€ 3,230.28
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

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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	£646.81	€ 730.90
P16-A★	24.7 litre	255	£683.32	€ 772.15
P22-A★	33 litre	255	£736.81	€ 832.59
P36-A★	54 litre	255	£1,144.97	€ 1,293.82
P46-A★	69 litre	255	£1,382.30	€ 1,562.00
P70-A★	105 litre	286	£2,810.27	€ 3,175.61
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

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**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	£1,575.33	€ 1,780.12
PV20-A★	30 litre	2750 RPM	350	£1,718.77	€ 1,942.21
PV23-A★	34.5 litre	2750 RPM	350	£1,810.05	€ 2,045.36
PV63-A★	94.5 litre	2100 RPM	350	£3,670.17	€ 4,147.29
PV80-A★	120 litre	2000 RPM	350	£4,040.00	€ 4,565.20
PV92-A*	138 litre	1900 RPM	350	£4,261.68	€ 4,815.70

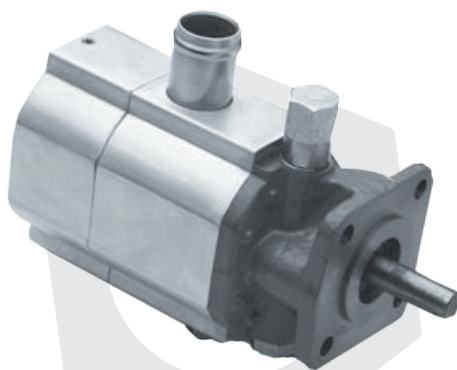
# HYDRAULIC TWO STAGE HI-LO GEAR PUMPS

**PRODUCT**

HYDRAULIC GEAR PUMP MODEL GP-CBN TECHNICAL DATA

**PAGE**

359



**FROM  
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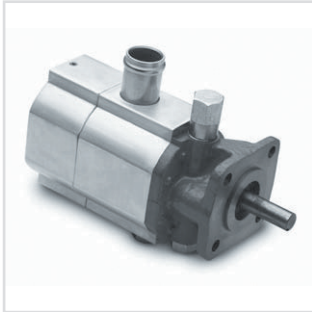
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# HYDRAULIC GEAR PUMP MODEL GP-CBN TECHNICAL DATA



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 efficiency 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	£103.55	€ 117.01
GPCBN110PC*	11	0.220	3.6	0.537	8.8	654	3000	3600	£103.55	€ 117.01
GPCBN160PC*	16	0.256	4.2	0.793	13	654	3000	3600	£103.55	€ 117.01
GPCBN220PC	22	0.429	7.04	0.989	16.22	400/900	3000	3600	£110.61	€ 124.99

## HYDRAULIC GEAR PUMP MODEL GP-CBN ORDERING INFORMATION

**GP**  
Gear Pump

**CBN**  
HI/LO series

**080**  
Nominal Flow GPM  
at 3600 rpm.

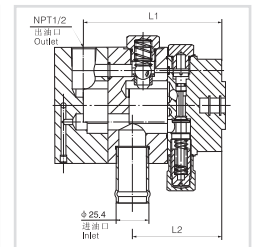
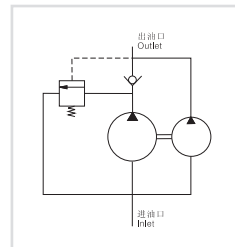
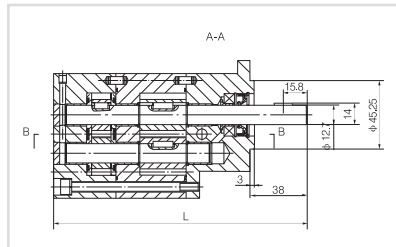
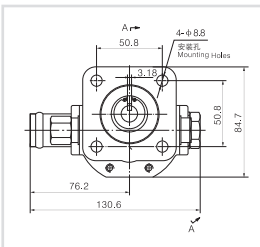
**P**  
Drive Shaft  
P-1/2 in. Dia  
Straight

**C**  
Rotation  
Direction

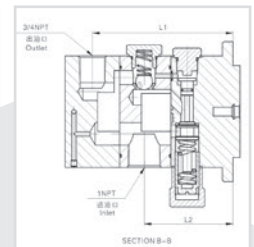
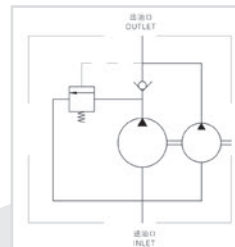
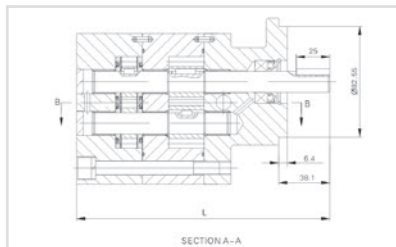
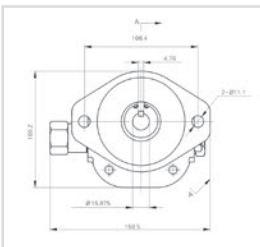
080/110/160/220

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)
GPCBN220PC	7.40 (188)	4.96 (126)	3.13 (79.6)

# 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	361
HYDRAULIC 11 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX240/ GX270	361
HYDRAULIC 16 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX270/390	362
HYDRAULIC 22 GPM TWO STAGE HI-LOW PUMP C/W BELL HOUSING ENGINE KIT GX630	362



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## 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-Lo Gear Pump Features:

This 2 stage Hi-Lo gear pump can give you much faster cycle times and higher maximum 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 bell housings & 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	£198.86	€ 224.71

## 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-Lo Gear Pump Features:

This 2 stage Hi-Lo gear pump can give you much faster cycle times and higher maximum 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

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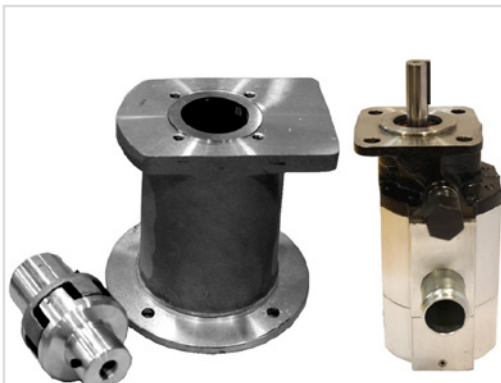
**Please note: These kits do not include any engines.**

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	£198.86	€ 224.71



## HYDRAULIC 16 GPM TWO STAGE HI-LOW GEAR PUMP C/W BELL HOUSING ENGINE KIT GX270/GX390

www.flowfitonline.com  
TECH. DATA SHEET  
**TSHLPK3**



### Two Stage Hi-Lo Gear Pump Features:

This 2 stage Hi-Lo gear pump can give you much faster cycle times and higher maximum 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

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**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	£198.86	€ 224.71

## 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-Lo Gear Pump Features:

This 2 stage Hi-Lo gear pump can give you much faster cycle times and higher maximum 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

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**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	£217.90	€ 246.22

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

PRODUCT	PAGE
FLOWFIT ELECTRIC MOTOR BELL HOUSINGS	364
FLOWFIT ELECTRIC MOTOR DRIVE COUPLINGS	365
FLOWFIT BELL HOUSING AND DRIVE COUPLING KITS	366



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# FLOWFIT ELECTRIC MOTOR BELL HOUSINGS

[www.flowfitonline.com](http://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	£27.38	€ 30.94
BH4061	GP1-1SPA-AP100	0.25-0.37KW	D71	2	£27.38	€ 30.94
BH4116	GP1-1SPA-AP100	0.55-0.75KW	D80	3	£34.88	€ 39.42
BH4115	GP1-1SPA-AP100	1.1-1.5KW	D90	4	£34.88	€ 39.42
BH4174	GP1-1SPA-AP100	2.2-4KW	D100/D112	5	£47.64	€ 53.83
BH4104	GP2-2SPA-AP200	0.25KW	D71	6	£85.89	€ 97.06
BH4141	GP2-2SPA-AP200	0.55-0.75KW	D80	7	£37.13	€ 41.95
BH4141	GP2-2SPA-AP200	1.1-1.5KW	D90	8	£37.13	€ 41.95
BH4177	GP2-2SPA-AP200	2.2-4KW	D100/D112	9	£47.64	€ 53.83
BH4202	GP2-2SPA-AP200	5.5-7.5KW	D132	10	£76.89	€ 86.89
BH4212	GP2-2SPA-AP200	11-15KW	D160	11	£88.16	€ 99.62
BH4212	GP2-2SPA-AP200	18.5-22KW	D180	12	£90.41	€ 102.16
BH4239	GP2-2SPA-AP200	30KW	D200	13	£204.02	€ 230.54
BH4148	GP3-3SPA-AP300	1.1-1.5KW	D90	14	£123.03	€ 139.02
BH4184	GP3-3SPA-AP300	2.2-4KW	D100/D112	15	£49.88	€ 56.36
BH4205	GP3-3SPA-AP300	5.5-7.5KW	D132	16	£76.89	€ 86.89
BH4223	GP3-3SPA-AP300	11-15KW	D160	17	£118.15	€ 133.50
BH4223	GP3-3SPA-AP300	18.5-22KW	D180	18	£118.15	€ 133.50
BH4251	GP3-3SPA-AP300	30KW	D200	19	£204.02	€ 230.54
BH4267	GP3-3SPA-AP300	37-45kw	D225	20	£311.30	€ 351.77
BH4278	GP3-3SPA-AP300	55KW	D250	21	£465.07	€ 525.52

## 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	£22.93	€ 25.91
GP1-1SPA-AP100	0.25-0.37KW	D71	MH6017	£9.00	€ 10.17
GP1-1SPA-AP100	0.55-0.75KW	D80	MH6021	£9.00	€ 10.17
GP1-1SPA-AP100	1.1-1.5KW	D90	MH6024	£9.00	€ 10.17
GP1-1SPA-AP100	2.2-4KW	D100/D112	MH6313	£16.12	€ 18.21
GP2-2SPA-AP200	0.25KW	D71	MH6273	£14.26	€ 16.11
GP2-2SPA-AP200	0.55-0.75KW	D80	MH6277	£14.26	€ 16.11
GP2-2SPA-AP200	1.1-1.5KW	D90	MH6280	£14.26	€ 16.11
GP2-2SPA-AP200	2.2-4KW	D100/D112	MH6313	£16.22	€ 18.33
GP2-2SPA-AP200	5.5-7.5KW	D132	MH6540	£19.50	€ 22.03
GP2-2SPA-AP200	11-15KW	D160	MH6781	£31.51	€ 35.61
GP2-2SPA-AP200	18.5-22KW	D180	MH7141	£45.00	€ 50.85
GP2-2SPA-AP200	30KW	D200	MH7162	£70.88	€ 80.09
GP3-3SPA-AP300	1.1-1.5KW	D90	MH6312	£16.13	€ 18.22
GP3-3SPA-AP300	2.2-4KW	D100/D112	MH6301	£14.26	€ 16.11
GP3-3SPA-AP300	5.5-7.5KW	D132	MH6540	£19.55	€ 22.09
GP3-3SPA-AP300	11-15KW	D160	MH6781	£31.51	€ 35.61
GP3-3SPA-AP300	18.5-22KW	D180	MH7141	£45.00	€ 50.85
GP3-3SPA-AP300	30KW	D200	MH7162	£70.88	€ 80.09
GP3-3SPA-AP300	37-45KW	D225	MH7355	£112.53	€ 127.16
GP3-3SPA-AP300	55KW	D250	MH7444	£138.40	€ 156.39

PUMP HALF ONLY	PUMP KEYWAY WIDTH	NETT. PRICE		SPIDER ONLY	NETT. PRICE	
		£ STERLING	€ EUROS		£ STERLING	€ EUROS
PH6090	2.4MM	£8.01	€ 10.82	SP6000	£3.00	€ 3.39
PH6090	2.4MM	£8.01	€ 10.82	SP6000	£3.00	€ 3.39
PH6090	2.4MM	£8.01	€ 10.82	SP6000	£3.00	€ 3.39
PH6090	2.4MM	£8.01	€ 10.82	SP6000	£3.00	€ 3.39
PH6350	2.4MM	£11.87	€ 16.03	SP6250	£3.75	€ 4.24
PH6352	3.17MM	£11.87	€ 16.03	SP6250	£3.75	€ 4.24
PH6352	3.17MM	£11.87	€ 16.03	SP6250	£3.75	€ 4.24
PH6352	3.17MM	£11.87	€ 16.03	SP6250	£3.75	€ 4.24
PH6352	3.17MM	£11.87	€ 16.03	SP6250	£3.75	€ 4.24
PH6570	3.17MM	£14.10	€ 19.04	SP6500	£6.01	€ 6.79
PH6840	3.17MM	£24.70	€ 33.34	SP6750	£7.88	€ 8.90
PH7170	3.17MM	£35.31	€ 47.66	SP7000	£12.38	€ 13.99
PH7170	3.17MM	£35.31	€ 47.66	SP7000	£12.38	€ 13.99
PH6354	4MM	£14.10	€ 19.04	SP6250	£3.75	€ 4.24
PH6354	4MM	£14.10	€ 19.04	SP6250	£3.75	€ 4.24
PH6572	4MM	£14.10	€ 19.04	SP6500	£6.01	€ 6.79
PH6832	4MM	£24.70	€ 33.34	SP6750	£7.88	€ 8.90
PH7172	4MM	£35.31	€ 47.66	SP7000	£12.38	€ 13.99
PH7172	4MM	£35.31	€ 47.66	SP7000	£12.38	€ 13.99
PH7369	4MM	£75.43	€ 101.82	SP7200	£16.89	€ 19.09
PH7495	4MM	£96.29	€ 129.99	SP7400	£29.94	€ 33.83

## 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.

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

### 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	£60.42	€ 68.27
BHE152C02AR302	BELL HOUSING GROUP 1 PUMP TO HONDA PETROL ENGINE GX240, GX270, GX340, GX390, LONCIN ENGINE G240, G270, G340, G390	£88.69	€ 100.22
BHE152C04AR304	BELL HOUSING GROUP 2 PUMP TO HONDA PETROL ENGINE GX240, GX270, GX340, GX390 LONCIN ENGINE G240, G270, G340, G390	£62.43	€ 70.55
BHE112C/04	PETROL ENGINE BELL HOUSING GROUP 2 PUMP TO HONDA ENGINE GX120, GX160, GX200 LONCIN ENGINE G120, G160, G200	£58.30	€ 65.87
BHE112/045A	PETROL ENGINE BELL HOUSING HI-LO PUMP TO HONDA ENGINE GX120, GX160, GX200, LONCIN ENGINE G120, G160, G200	£58.82	€ 66.47
BHE152/045A	PETROL ENGINE BELL HOUSING HI-LO PUMP TO HONDA ENGINE GX240, GX270, GX340, GX390 LONCIN ENGINE G240, G270, G340, G390	£60.69	€ 68.58

### 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"	£14.46	€ 16.34
HC325NC048ER300HC301A	DRIVE COUPLING GRP 1 PUMP TO HONDA PETROL ENGINE GX240, GX270, GX340, GX390 1" AND LONCIN G240, G270, G340, G390 1"	£25.74	€ 29.08
HC325NC048ER300HC302AB	DRIVE COUPLING GRP 2 PUMP TO HONDA GX240, GX270, GX340, GX390 1" AND LONCIN G240, G270, G340, G390 1"	£23.46	€ 26.51
HC319MC048ER300HC302AB	PETROL ENGINE DRIVE COUPLING GRP 2 PUMP TO HONDA GX120 GX160 GX200 3/4" AND LONCIN G120, G160, G200 3/4"	£25.69	€ 29.03
HC219MC048ER200HC212HB03	PETROL ENGINE DRIVE COUPLING HI-LO PUMP TO HONDA GX120, GX160, GX200 3/4" AND LONCIN G120, G160, G200 3/4"	£35.90	€ 40.57
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	£30.41	€ 34.36



## FLOWFIT BELL HOUSINGS AND DRIVE COUPLING ENGINE KITS

PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
ZZ004727	<b>BELL HOUSING AND DRIVE COUPLING ENGINE KIT.</b> TO SUIT GROUP 1 PUMP SUITS HONDA GX120, GX160 AND GX200 SUITS LONCIN G120, G160 AND G200 KIT COMPRISING:- BHE111C02 BELL HOUSING, HC119MC050 ENGINE HALF, ER100 SPIDER AND HC101A PUMP HALF	£75.37	€ 85.17
ZZ004724	<b>BELL HOUSING AND DRIVE COUPLING ENGINE KIT.</b> TO SUIT GROUP 1 PUMP SUITS HONDA GX240, GX270, GX340 AND GX390 SUITS LONCIN G240, G270, G340 AND G390 KIT COMPRISING:- BHE152C02 BELL HOUSING, HC325NC048 ENGINE HALF, ER300 SPIDER, HC301A PUMP HALF AND AR3/02 ADAPTOR RING	£114.44	€ 129.32
ZZ004729	<b>BELL HOUSING AND DRIVE COUPLING ENGINE KIT</b> TO SUIT GROUP 2 PUMP. SUITS HONDA GX120, GX160 AND GX200 SUITS LONCIN G120, G160 AND G200 KIT COMPRISING BHE 112C/04 BELL HOUSING, HC319MC048 ENGINE HALF, ER300 SPIDER, HC302AB PUMP HALF AND AR3/02 ADAPTOR RING.	£82.71	€ 93.46
ZZ004725	<b>BELL HOUSING AND DRIVE COUPLING ENGINE KIT</b> TO SUIT GROUP 2 PUMP. SUITS HONDA GX240, GX270, GX340 AND GX390 SUITS LONCIN G240, G270, G340 AND G390 KIT COMPRISING :- BHE152C04 BELL HOUSING, HC325NC048 ENGINE HALF, ER300 SPIDER, HC302AB PUMP HALF AND AR3/04 ADAPTOR RING	£85.27	€ 96.36
ZZ004728	<b>BELL HOUSING AND DRIVE COUPLING ENGINE KIT TO SUIT HI-LO PUMP</b> SUITS HONDA GX120, GX160 AND GX200 SUITS LONCIN G120, G160 AND G200 KIT COMPRISING BHE112/045A BELL HOUSING, HC219MC048 ENGINE HALF, HC212HB035 PUMP HALF AND ER200 SPIDER.	£95.31	€ 107.70
ZZ004726	<b>BELL HOUSING AND DRIVE COUPLING ENGINE KIT TO SUIT HI-LO PUMP</b> SUITS HONDA GX240, GX270, GX340 AND GX390 SUITS LONCIN G240, G270, G340 AND G390 KIT COMPRISING BHE152/045A BELL HOUSING, HC325NC048 ENGINE HALF, HC312HB035 PUMP HALF AND ER300 SPIDER	£91.09	€ 102.93

## DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KITS

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**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	£130.48	€ 147.45
ZZ002364	DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KIT. FITS GROUP 1 PUMP TO A HATZ 1B20 4.2HP	£176.16	€ 199.06
ZZ002365	DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KIT. FITS GROUP 1 PUMP TO A HATZ 1B40 9.2HP	£210.25	€ 237.58
ZZ002366	DIESEL ENGINE BELL HOUSING AND DRIVE COUPLING KIT. FITS GROUP 2 PUMP TO A HATZ 1B40 9.2HP	£240.77	€ 272.06



# ELECTRIC MOTORS

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**QUALITY PRODUCTS**



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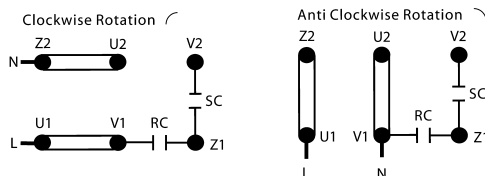


# SERIES ALUMINIUM HOUSING SINGLE-PHASE 110V MULTI-MOUNT ASYNCHRONOUS MOTOR-DUAL CAPACITORS

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**EM01**



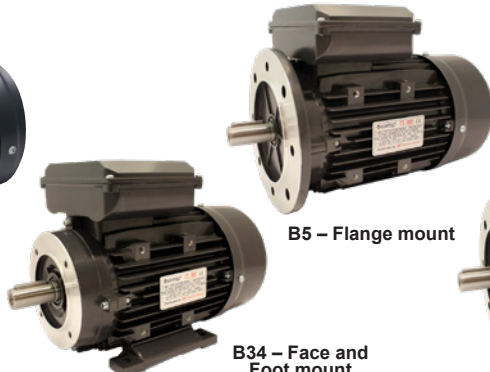
**ML Single Phase - Cap Start / Cap Run**



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**

PART NO	DESCRIPTION	NETT. PRICE			
		B3 - FOOT MOUNT		ALL OTHER MOUNTS	
		£ STERLING	€ EUROS	£ STERLING	€ EUROS
0.3721TCC**-110	0.37Kw 1 Phase 110v 2 Pole 3000 RPM, 160mm DIA, 14mm Shaft, D71 Frame, CAP Start - CAP Run	£97.34	€ 109.99	£105.87	€ 119.63
0.5521TCC**-110	0.55Kw 1 Phase 110v 2 Pole 3000 RPM, 200mm DIA, 19mm Shaft, D80 Frame, CAP Start - CAP Run	£106.30	€ 120.12	£115.62	€ 130.65
0.7521TCC**-110	0.75Kw 1 Phase 110v 2 Pole 3000 RPM, 200mm DIA, 19mm Shaft, D80 Frame, CAP Start - CAP Run	£136.32	€ 154.04	£148.26	€ 167.53
1.121TCC**-110	1.1Kw 1 Phase 110v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D90S Frame, CAP Start - CAP Run	£153.44	€ 173.38	£166.90	€ 188.59
1.521TCC**-110	1.5Kw 1 Phase 110v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D90L Frame, CAP Start - CAP Run	£191.99	€ 216.95	£225.00	€ 254.26
2.221TCC**-110	2.2Kw 1 Phase 110v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D100 Frame, CAP Start - CAP Run	£226.72	€ 256.19	£246.59	€ 278.65
3.021TCC**-110	3.0Kw 1 Phase 110v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D100 Frame, CAP Start - CAP Run	£256.21	€ 289.52	£278.67	€ 314.90

PART NO	DESCRIPTION	NETT. PRICE			
		B3 - FOOT MOUNT		ALL OTHER MOUNTS	
		£ STERLING	€ EUROS	£ STERLING	€ EUROS
0.2541TCC**-110	0.25Kw 1 Phase 110v 4 Pole 1500 RPM, 160mm DIA, 14mm Shaft, D71 Frame, CAP Start - CAP Run	£95.32	€ 107.71	£103.67	€ 117.14
0.3741TCC**-110	0.37Kw 1 Phase 110v 4 Pole 1500 RPM, 160mm DIA, 14mm Shaft, D71 Frame, CAP Start - CAP Run	£106.06	€ 119.85	£115.35	€ 130.35
0.5541TCC**-110	0.55Kw 1 Phase 110v 4 Pole 1500 RPM, 200mm DIA, 19mm Shaft, D80 Frame, CAP Start - CAP Run	£138.78	€ 156.82	£150.97	€ 170.59
0.7541TCC**-110	0.75Kw 1 Phase 110v 4 Pole 1500 RPM, 200mm DIA, 19mm Shaft, D80 Frame, CAP Start - CAP Run	£150.35	€ 169.89	£163.53	€ 184.79
1.141TCC**-110	1.1Kw 1 Phase 110v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D90S Frame, CAP Start - CAP Run	£185.14	€ 209.20	£201.37	€ 227.55
1.541TCC**-110	1.5Kw 1 Phase 110v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D90L Frame, CAP Start - CAP Run	£224.27	€ 253.42	£243.93	€ 275.64
2.241TCC**-110	2.2Kw 1 Phase 110v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D100 Frame, CAP Start - CAP Run	£291.71	€ 329.63	£320.29	€ 361.93
3.041TCC**-110	3.0Kw 1 Phase 110v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D100 Frame, CAP Start - CAP Run	£338.77	€ 382.81	£373.55	€ 422.11
3.741TCC**-110	3.7Kw 1 Phase 110v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D112 Frame, CAP Start - CAP Run	£402.73	€ 455.08	£497.41	€ 562.07

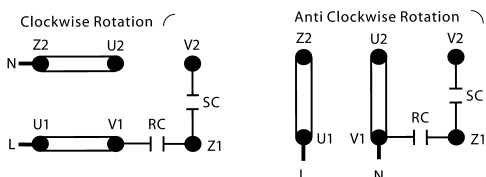
N.B.: it is recommended that single phase motors are not stop/started more than 15 times within a 1 hour period in order to allow safe discharge of capacitors.

# SERIES ALUMINIUM HOUSING SINGLE-PHASE 230V MULTI-MOUNT ASYNCHRONOUS MOTOR-DUAL CAPACITORS

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TECH. DATA SHEET  
**EM01**



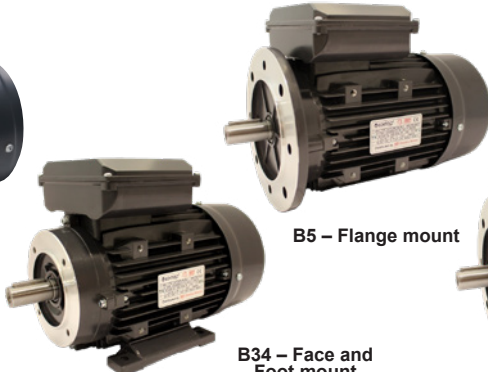
**ML Single Phase - Cap Start / Cap Run**



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**



**B5 - Flange mount**



**B14 - Face mount**

Add this code into the part code instead of the \*\* for the relevant mount

PART NO	DESCRIPTION	NETT. PRICE			
		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	£77.56	€ 87.65	£108.68	€ 122.80
0.5521TCC**	0.55Kw 1 Phase 230v 2 Pole 3000 RPM, 200mm DIA, 19mm Shaft, D71 Frame, CAP Start - CAP Run	£84.70	€ 95.71	£117.96	€ 133.29
0.7521TCC**	0.75Kw 1 Phase 230v 2 Pole 3000 RPM, 200mm DIA, 19mm Shaft, D71 Frame, CAP Start - CAP Run	£108.63	€ 122.76	£131.21	€ 148.27
1.121TCC**	1.1Kw 1 Phase 230v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D71 Frame, CAP Start - CAP Run	£122.24	€ 138.13	£145.77	€ 164.72
1.521TCC**	1.5Kw 1 Phase 230v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D71 Frame, CAP Start - CAP Run	£152.97	€ 172.86	£181.56	€ 205.16
2.221TCC**	2.2Kw 1 Phase 230v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D71 Frame, CAP Start - CAP Run	£180.65	€ 204.14	£197.47	€ 223.15
3.021TCC**	3.0Kw 1 Phase 230v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D71 Frame, CAP Start - CAP Run	£204.15	€ 230.69	£241.20	€ 272.55

PART NO	DESCRIPTION	NETT. PRICE			
		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	£75.94	€ 85.81	£82.65	€ 93.39
0.3741TCC**	0.37Kw 1 Phase 230v 4 Pole 1500 RPM, 160mm DIA, 14mm Shaft, D71 Frame, CAP Start - CAP Run	£84.50	€ 95.49	£112.64	€ 127.29
0.5541TCC**	0.55Kw 1 Phase 230v 4 Pole 1500 RPM, 200mm DIA, 19mm Shaft, D71 Frame, CAP Start - CAP Run	£110.59	€ 124.96	£128.55	€ 145.26
0.7541TCC**	0.75Kw 1 Phase 230v 4 Pole 1500 RPM, 200mm DIA, 19mm Shaft, D71 Frame, CAP Start - CAP Run	£119.79	€ 135.37	£132.52	€ 149.75
1.141TCC**	1.1Kw 1 Phase 230v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D71 Frame, CAP Start - CAP Run	£147.53	€ 166.70	£160.35	€ 181.19
1.541TCC**	1.5Kw 1 Phase 230v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D71 Frame, CAP Start - CAP Run	£178.70	€ 201.93	£190.85	€ 215.66
2.241TCC**	2.2Kw 1 Phase 230v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D71 Frame, CAP Start - CAP Run	£232.44	€ 262.66	£246.50	€ 278.54
3.041TCC**	3.0Kw 1 Phase 230v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D71 Frame, CAP Start - CAP Run	£269.93	€ 305.03	£277.74	€ 313.84
3.741TCC**	3.7Kw 1 Phase 230v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D71 Frame, CAP Start - CAP Run	£320.89	€ 362.61	£396.32	€ 447.84

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

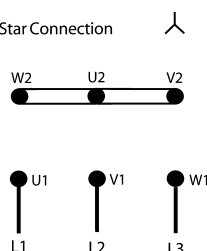
www.flowfitonline.com  
TECH. DATA SHEET  
**EM01**



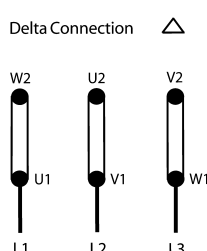
TECA series Aluminium Housing 3 Phase Multi-mount motors up to 200 frame, utilising new automated production technology. The motors are manufactured to IEC standard.

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.

Star Connection



Delta Connection



## 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~+40°C
- Altitude above sea level < 1000m

Note – Motors up to and including 15kw are Aluminium housings. 18.5kw upwards are Cast Iron Housing.

PART NO	DESCRIPTION	NETT. PRICE			
		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	£68.36	€ 77.24	£73.83	€ 83.42
1.123TECA**-IE2	1.1Kw 3 Phase 400v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D90 Frame	£77.29	€ 87.34	£83.48	€ 94.33
1.523TECA**-IE2	1.5Kw 3 Phase 400v 2 Pole 3000 RPM, 200mm DIA, 24mm Shaft, D90 Frame	£101.52	€ 114.72	£109.64	€ 123.89
2.223TECA**-IE2	2.2Kw 3 Phase 400v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D100 Frame	£113.34	€ 128.07	£122.40	€ 138.31
3.023TECA**-IE2	3.0Kw 3 Phase 400v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D112 Frame	£153.00	€ 172.88	£165.23	€ 186.71
4.023TECA**-IE2	4.0Kw 3 Phase 400v 2 Pole 3000 RPM, 250mm DIA, 28mm Shaft, D112 Frame	£179.72	€ 203.08	£194.09	€ 219.32
5.523TECA**-IE2	5.5Kw 3 Phase 400v 2 Pole 3000 RPM, 300mm DIA, 38mm Shaft, D132 Frame	£269.98	€ 305.07	£291.56	€ 329.47
7.523TECA**-IE2	7.5Kw 3 Phase 400v 2 Pole 3000 RPM, 300mm DIA, 38mm Shaft, D132 Frame	£304.64	€ 344.24	£329.01	€ 371.78
11.023TECA**-IE2	11.0Kw 3 Phase 400v 2 Pole 3000 RPM, 350mm DIA, 42mm Shaft, D160 Frame	£469.05	€ 530.02	£506.56	€ 572.42
15.023TECA**-IE2	15.0Kw 3 Phase 400v 2 Pole 3000 RPM, 350mm DIA, 42mm Shaft, D180 Frame	£531.56	€ 600.67	£574.08	€ 648.71
18.523TECA**-IE2	18.5Kw 3 Phase 400v 2 Pole 3000 RPM, 350mm DIA, 48mm Shaft, D200 Frame	£594.11	€ 671.35	£641.63	€ 725.05
22.023TECA**-IE2	22.0Kw 3 Phase 400v 2 Pole 3000 RPM, 350mm DIA, 48mm Shaft, D200 Frame	£695.70	€ 786.14	£751.36	€ 849.04
30.023TECA**-IE2	30.0Kw 3 Phase 400v 2 Pole 3000 RPM, 450mm DIA, 60mm Shaft, D250 Frame	£960.07	€ 1,084.88	£1,036.88	€ 1,171.67
37.023TECA**-IE2	37.0Kw 3 Phase 400v 2 Pole 3000 RPM, 450mm DIA, 60mm Shaft, D250 Frame	£1,099.22	€ 1,242.12	£1,187.15	€ 1,341.48



**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

PART NO	DESCRIPTION	NETT. PRICE			
		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	£77.29	€ 87.34	£83.48	€ 94.33
1.143TECA**-IE2	1.1Kw 3 Phase 400v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D90 Frame	£100.11	€ 113.12	£108.12	€ 122.17
1.543TECA**-IE2	1.5Kw 3 Phase 400v 4 Pole 1500 RPM, 200mm DIA, 24mm Shaft, D90 Frame	£118.13	€ 133.48	£127.56	€ 144.15
2.243TECA**-IE2	2.2Kw 3 Phase 400v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D100 Frame	£144.15	€ 162.89	£155.67	€ 175.91
3.043TECA**-IE2	3.0Kw 3 Phase 400v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D112 Frame	£163.37	€ 184.61	£176.44	€ 199.38
4.043TECA**-IE2	4.0Kw 3 Phase 400v 4 Pole 1500 RPM, 250mm DIA, 28mm Shaft, D112 Frame	£204.32	€ 230.88	£220.67	€ 249.35
5.543TECA**-IE2	5.5Kw 3 Phase 400v 4 Pole 1500 RPM, 300mm DIA, 38mm Shaft, D132 Frame	£281.56	€ 318.16	£304.08	€ 343.61
7.543TECA**-IE2	7.5Kw 3 Phase 400v 4 Pole 1500 RPM, 300mm DIA, 38mm Shaft, D132 Frame	£319.48	€ 361.02	£345.04	€ 389.90
11.043TECA**-IE2	11.0Kw 3 Phase 400v 4 Pole 1500 RPM, 350mm DIA, 42mm Shaft, D160 Frame	£505.40	€ 571.10	£545.83	€ 616.79
15.043TECA**-IE2	15.0Kw 3 Phase 400v 4 Pole 1500 RPM, 350mm DIA, 42mm Shaft, D180 Frame	£568.66	€ 642.58	£614.15	€ 693.98
18.543TECA**-IE2	18.5Kw 3 Phase 400v 4 Pole 1500 RPM, 350mm DIA, 48mm Shaft, D200 Frame	£657.45	€ 742.92	£710.04	€ 802.35
22.043TECA**-IE2	22.0Kw 3 Phase 400v 4 Pole 1500 RPM, 350mm DIA, 48mm Shaft, D200 Frame	£765.26	€ 864.74	£826.48	€ 933.92
30.043TECA**-IE2	30.0Kw 3 Phase 400v 4 Pole 1500 RPM, 450mm DIA, 60mm Shaft, D250 Frame	£1,040.09	€ 1,175.30	£1,123.29	€ 1,269.32

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# ELECTRIC MOTOR PUMP SET

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HYDRAULIC ELECTRIC MOTOR PUMP SET 3.7KW 240V SINGLE PHASE (1PH) WOTH 8GPM HI-LOW PUMP	374



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**FLOWFIT®**  
**24 HOUR  
DELIVERY**



## HYDRAULIC MOTOR PUMP SETS 240V AND 415V

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**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	£329.81	€ 372.68
ZZ000130	5	210	3.2	240	2.2	SINGLE	1450	£395.96	€ 447.43
ZZ000129	7.2	210	5.0	240	3.0	SINGLE	1450V	£440.18	€ 497.40
ZZ000119	5	210	3.2	415	2.2	3	1450	£297.38	€ 336.04
ZZ000121	7.2	210	5.0	415	3.0	3	1450	£468.93	€ 529.89
ZZ000122	9	210	6	415	4.0	3	1450	£452.80	€ 511.67
ZZ000123	16	175	11	415	5.5	3	1450	£718.76	€ 812.19
ZZ000124	22	175	14	415	7.5	3	1450	£689.54	€ 779.17

## HYDRAULIC ELECTRIC MOTOR PUMP SET 3.7KW 240V SINGLE PHASE (1PH) WITH 8GPM HI-LO PUMP

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**EMPS1**



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.

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	£631.74	€ 713.87

# HYDRAULIC HANDPUMPS

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INLINE HAND PUMPS	380
STAINLESS STEEL HANDPUMPS	381
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Please note not all Hand pumps are not designed to load hold or hold pressure for extended period of time unless supplied with PO check valves, See technical PDF.

All hand pumps with PO checks built in must have a minimum of 50 bar load pressure to enable them to seat correctly. Any applications where load or pressure holding is required please contact our Technical sales team for more information/advice.

It is advisable when choosing a pump that it requires no more effort than 25 daN, you will of course need to know the max working pressure for your application. The graph showing the effort required using a 600mm lever, you could decrease the effort involved by using a longer lever to help with this, should you require a higher displacement working at higher pressures. Our Hand pumps can produce the stated pressure, it is just that the effort required increases, the line across the effort graph is just the optimum advised load on the lever.



**QUALITY PRODUCTS**



**FREE ADVICE**

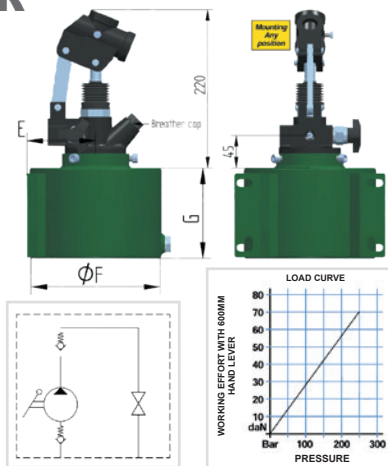
## SINGLE ACTING 20CC HYDRAULIC HAND PUMP WITH TANK, RELEASE VALVE AND HAND LEVER FOR SINGLE ACTING CYLINDER

www.flowfitonline.com  
TECH. DATA SHEET  
**HDP01**



### SPECIFICATIONS

- The Pump Can Be Oriented On The Tank As Required (3 Screws)
- Temperature: -30°C To +90°C
- Hydraulic Mineral Oil
- Body In Cast Iron
- Rod: Compact Polyurethane Lip Seal + Polyurethane Wiper Seal
- Pump and Tank is Completely Protected Against Corrosion
- Body: Green Painted Finish
- Screws: Zinc Plated
- Finished Product Ready To Mount;
- Can Be Mounted Vertically Or Horizontally;
- There Is A Weld Ring To Fix Your Pump To Your Tank.



PART NUMBER	DISPLACMENT	TANK SIZE	RELEASE HANDKNOB	WITH BELLOWS	MAX PRESSURE	PRESSURE PORT	E (MM)	F (MM)	G (MM)	WEIGHT (KG)	NETT. PRICE	
											£ STERLING	€ EUROS
CHPTSE20/2	20cc	2 Litre	x		200 Bar	3/8" BSP	96	184	126	8.4	£86.00	€ 97.17
CHPTSE20/2S	20cc	2 Litre	x	x	200 Bar	3/8" BSP	96	184	126	8.4	£90.96	€ 102.79
CHPTSE20/4	20cc	4 Litre	x		200 Bar	3/8" BSP	96	184	169	9	£94.27	€ 106.52
CHPTSE20/4S	20cc	4 Litre	x	x	200 Bar	3/8" BSP	96	184	169	9	£99.23	€ 112.12
CHPTSE20/6	20cc	6 Litre	x		200 Bar	3/8" BSP	117	220	180	10.1	£102.53	€ 115.86
CHPTSE20/6S	20cc	6 Litre	x	x	200 Bar	3/8" BSP	117	220	180	10.1	£107.50	€ 121.47
CHPTSE20/8	20cc	8 Litre	x		200 Bar	3/8" BSP	117	220	235	11	£110.25	€ 124.58
CHPTSE20/8S	20cc	8 Litre	x	x	200 Bar	3/8" BSP	117	220	235	11	£115.22	€ 130.19

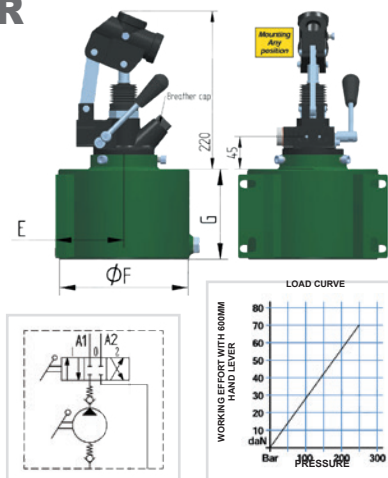
## DOUBLE ACTING 20CC HYDRAULIC HAND PUMP WITH TANK, DOUBLE ACTING VALVE AND HAND LEVER FOR DOUBLE ACTING CYLINDER

www.flowfitonline.com  
TECH. DATA SHEET  
**HDP02**



### SPECIFICATIONS

- The Pump Can Be Oriented On The Tank As Required (3 Screws)
- Temperature: -30°C To +90°C
- Hydraulic Mineral Oil
- Body In Cast Iron
- Rod: Compact Polyurethane Lip Seal + Polyurethane Wiper Seal
- Pump and Tank is Completely Protected Against Corrosion
- Body: Green Painted Finish
- Screws: Zinc Plated
- Finished Product Ready To Mount;
- Can Be Mounted Vertically Or Horizontally;
- There Is A Weld Ring To Fix Your Pump To Your Tank.



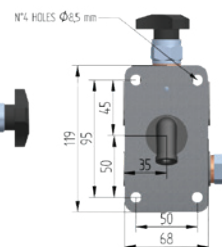
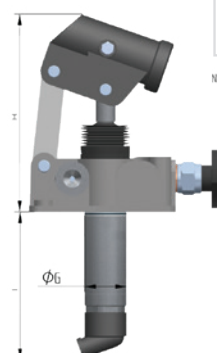
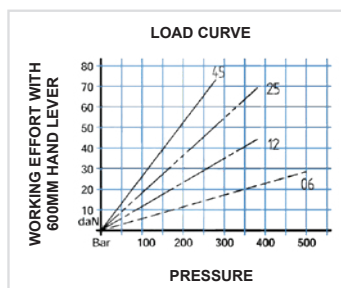
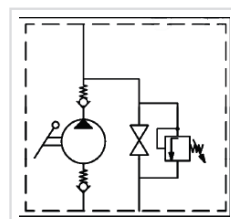
PART NUMBER	DISPLACMENT	TANK SIZE	RELEASE HANDKNOB	WITH BELLOWS	MAX PRESSURE	PRESSURE PORT	E (MM)	F (MM)	G (MM)	WEIGHT (KG)	NETT. PRICE	
											£ STERLING	€ EUROS
CHPTDSE20/2	20cc	2 Litre	x		200 Bar	3/8" BSP	96	184	126	8.4	£91.51	€ 103.40
CHPTDSE20/2S	20cc	2 Litre	x	x	200 Bar	3/8" BSP	96	184	126	8.4	£96.47	€ 109.02
CHPTDSE20/4	20cc	4 Litre	x		200 Bar	3/8" BSP	96	184	169	9	£99.78	€ 112.75
CHPTDSE20/4S	20cc	4 Litre	x	x	200 Bar	3/8" BSP	96	184	169	9	£102.53	€ 115.86
CHPTDSE20/6	20cc	6 Litre	x		200 Bar	3/8" BSP	117	220	180	10.1	£107.50	€ 121.47
CHPTDSE20/6S	20cc	6 Litre	x	x	200 Bar	3/8" BSP	117	220	180	10.1	£111.91	€ 126.46
CHPTDSE20/8	20cc	8 Litre	x		200 Bar	3/8" BSP	117	220	235	11	£115.22	€ 130.19
CHPTDSE20/8S	20cc	8 Litre	x	x	200 Bar	3/8" BSP	117	220	235	11	£119.63	€ 135.18

# TANK MOUNTED SINGLE ACTING HANDPUMP FOR SINGLE ACTING CYLINDER WITH RELEASE KNOB AND PRESSURE RELIEF VALVE

www.flowfitonline.com  
TECH. DATA SHEET  
**HDP03**



- With Bellows
- Release Hand Knob
- With Pressure Relief Valve
- With Discharging holes



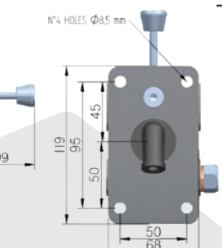
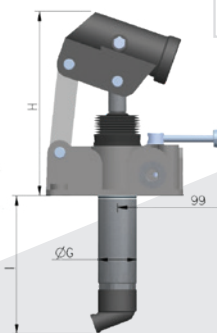
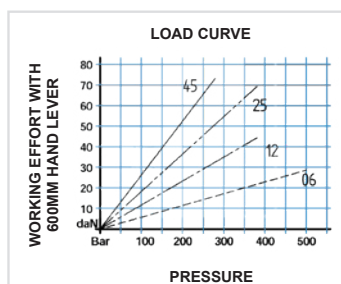
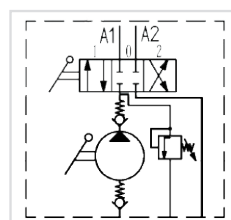
PART NUMBER	DISPLACMENT	MAX PRESSURE	PRESSURE PORT	H (MM)	I (MM)	G (MM)	WEIGHT (KG)	NETT. PRICE	
								£ STERLING	€ EUROS
HPT06VS	6cc	400 Bar	3/8" BSP	160	120	34	3.1	£65.02	€ 73.47
HPT12VS	12.5cc	320 Bar	3/8" BSP	160	120	34	3.1	£65.02	€ 73.47
HPT25VS	19.4cc	300 Bar	3/8" BSP	160	120	34	3.1	£65.02	€ 73.47
HPT45VS	28cc	250 Bar	3/8" BSP	160	120	38	3.2	£68.76	€ 77.70

# TANK MOUNTED DOUBLE ACTING HANDPUMP WITH DOUBLE ACTING CHANGEOVER VALVE AND PRESSURE RELIEF VALVE

www.flowfitonline.com  
TECH. DATA SHEET  
**HDP04**



- With Bellows
- Closed Centre Divter Valve
- With Outside Pressure Relief Valve
- With Discharging holes

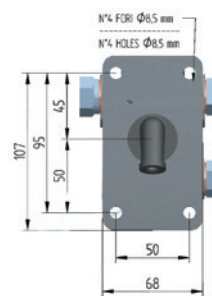
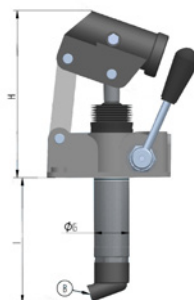
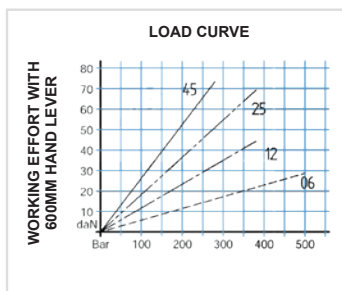


PART NUMBER	DISPLACMENT	MAX PRESSURE	PRESSURE PORT	H (MM)	I (MM)	G (MM)	WEIGHT (KG)	NETT. PRICE	
								£ STERLING	€ EUROS
HPTD06DCCVSOUT	6cc	400 Bar	1/4" BSP	160	120	34	3.1	£70.01	€ 79.12
HPTD12DCCVSOUT	12.5cc	320 Bar	1/4" BSP	160	120	34	3.1	£70.01	€ 79.12
HPTD25DCCVSOUT	19.4cc	300 Bar	1/4" BSP	160	120	34	3.1	£70.01	€ 79.12
HPTD45DCCVSOUT	28cc	250 Bar	1/4" BSP	160	120	38	3.2	£73.77	€ 83.36

## TANK MOUNTED DOUBLE STROKE HANDPUMP FOR A SINGLE ACTING CYLINDER, FOR LOAD HOLDING APPLICATIONS

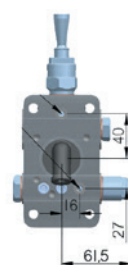
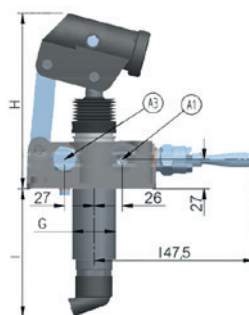
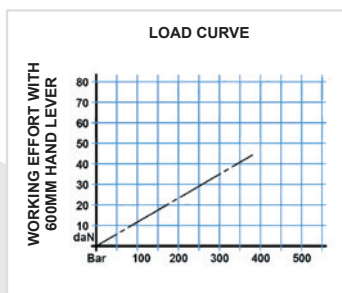
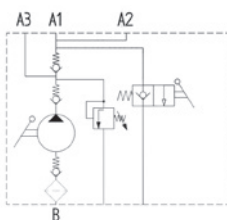


- With Bellows
- Release Hand Lever
- With Discharging holes



PART NUMBER	DISPLACMENT	MAX PRESSURE	PRESSURE PORT	H (MM)	I (MM)	G (MM)	WEIGHT (KG)	NETT. PRICE	
								£ STERLING	€ EUROS
HPTCV06	6cc	250 Bar	3/8" BSP	160	120	3.4	3.1	£159.45	€ 180.18
HPTCV12	12.5cc	250 Bar	3/8" BSP	160	120	3.4	3	£103.28	€ 116.70
HPTCV25	19.4cc	250 Bar	3/8" BSP	160	120	3.4	3.1	£103.28	€ 116.70
HPTCV45	28cc	250 Bar	3/8" BSP	160	120	3.8	3.2	£106.30	€ 120.12

## TANK MOUNTED DOUBLE STROKE HANDPUMP FOR SINGLE ACTING CYLINDER, FOR LOAD HOLDING APPLICATIONS, 12.5CC



- With Bellows
- Lowering valve is spring loaded for easy of use
- With Discharging Holes
- Lever Connection

PART NUMBER	DISPLACMENT	MAX PRESSURE	PRESSURE PORT	H (MM)	I (MM)	G (MM)	WEIGHT (KG)	NETT. PRICE	
								£ STERLING	€ EUROS
HPT12MVS-B	12.5cc	320 Bar	3/8" BSP	162	118	40	3.7	£152.70	€172.55

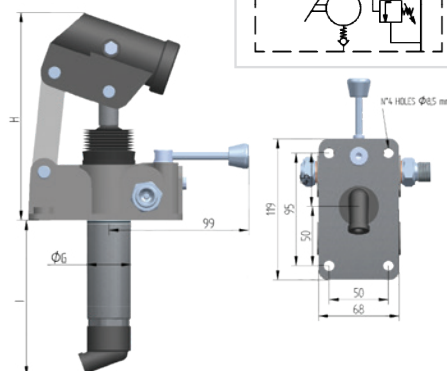
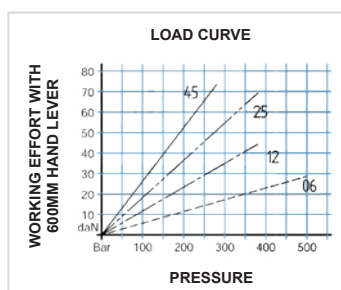
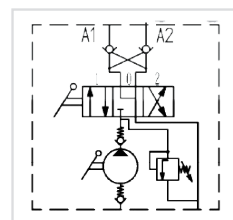


# TANK MOUNTED DOUBLE ACTING HANDPUMP WITH DOUBLE ACTING CHANGEOVER VALVE, PORT RELIEF VALVE AND DOUBLE PILOT CHECK VALVE

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TECH. DATA SHEET  
**HDP03**



- With Bellows
  - Open Centre Diverter Valve
- With Pressure Relief Valve Inside Diverter
- With Discharging holes



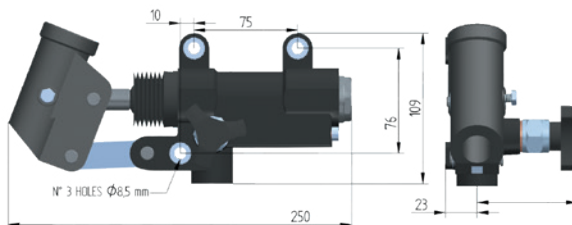
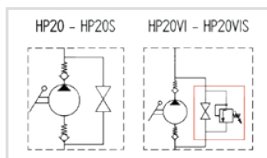
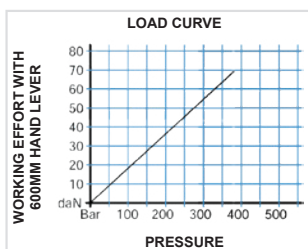
PART NUMBER	DISPLACEMENT	MAX PRESSURE	PRESSURE PORT	H (MM)	I (MM)	G (MM)	WEIGHT (KG)	NETT. PRICE	
								£ STERLING	€ EUROS
HPTDVB06VS	6cc	400 Bar	3/8" BSP	160	120	34	3.1	£89.40	€ 101.02
HPTDVB12VS	12.5cc	320 Bar	3/8" BSP	160	120	34	3.1	£89.40	€ 101.02
HPTDVB25VS	19.4cc	300 Bar	3/8" BSP	160	120	34	3.1	£91.27	€ 103.13
HPTDVB45VS	28cc	250 Bar	3/8" BSP	160	120	38	3.2	£91.27	€ 103.13



## INLINE SINGLE ACTING HAND PUMP



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TECH. DATA SHEET  
**HDP04**



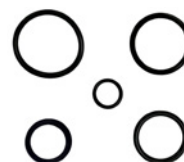
### SEAL KIT TO SUIT HP20VIS

**PART NUMBER**

KORHP20VI

**NETT. PRICE**

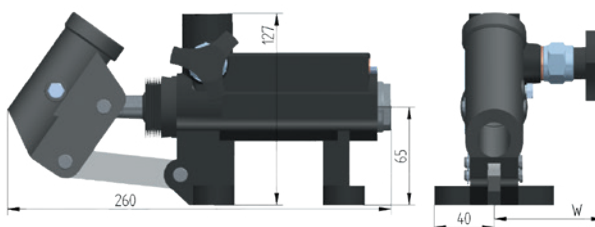
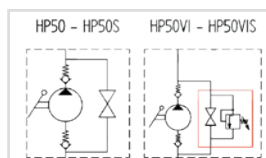
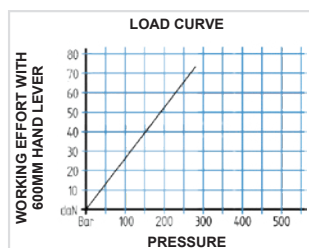
£ STERLING	€ EUROS
£21.00	€24.15



PART NUMBER	DISPLACEMENT	WITH BELLOWS	RELEASE HAND KNOB	PRESSURE RELIEF VALVE INSIDE RELEASE HANDKNOB	MAX PRESSURE	PRESSURE PORT	SUCTION PORT	WEIGHT (KG)	NETT. PRICE	
HP20S	17cc		x		320 Bar	3/8" BSP	1/2" BSP	2.8	£ STERLING	€ EUROS
HP20VIS	17cc	x		x	320 Bar	3/8" BSP	1/2" BSP	2.8	£70.01	€ 79.12
									£73.77	€ 83.36

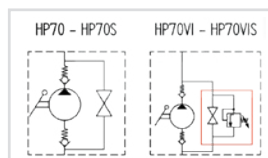
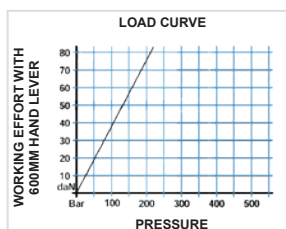
## INLINE SINGLE ACTING HAND PUMP

www.flowfitonline.com  
TECH. DATA SHEET  
**HDP05**

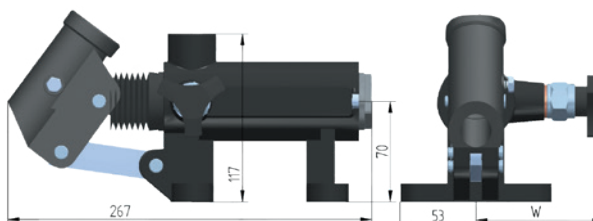


PART NUMBER	DISPLACEMENT	WITH BELLOWS	RELEASE HAND KNOB	PRESSURE RELIEF VALVE INSIDE RELEASE HANDKNOB	MAX PRESSURE	PRESSURE PORT	SUCTION PORT	WEIGHT (KG)	NETT. PRICE	
HP50S	33cc		x		250 Bar	1/2" BSP	1/2" BSP	3.5	£ STERLING	€ EUROS
HP50VIS	33cc	x		x	250 Bar	1/2" BSP	1/2" BSP	3.5	£81.27	€ 91.84
									£85.02	€ 96.07

# INLINE SINGLE ACTING HAND PUMP

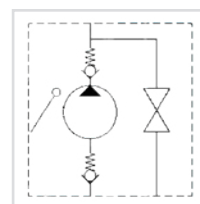
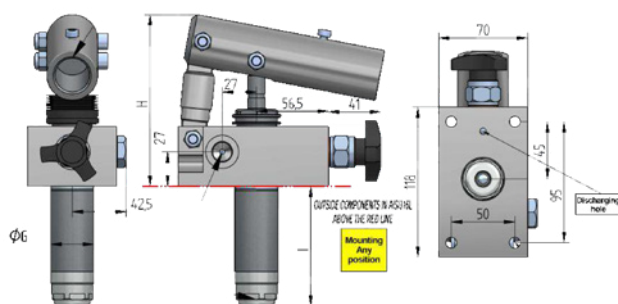


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TECH. DATA SHEET  
**HDP06**



PART NUMBER	DISPLACEMENT	WITH BELLOWS	RELEASE HAND KNOB	PRESSURE RELIEF VALVE INSIDE RELEASE HANDKNOB	MAX PRESSURE	PRESSURE PORT	SUCTION PORT	WEIGHT (KG)	NETT. PRICE	
									£ STERLING	€ EUROS
HP70S	48cc		x		200 Bar	1/2" BSP	1/2" BSP	5.5	£106.27	€ 120.09
HP70VIS	48cc	x		x	200 Bar	1/2" BSP	1/2" BSP	5.5	£112.52	€ 127.15

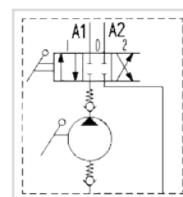
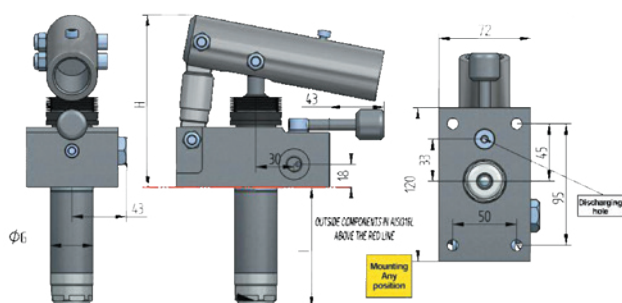
# STAINLESS STEEL DOUBLE STROKE HANDPUMP FOR SINGLE ACTING CYLINDER



PART NUMBER	DISPLACEMENT	DESCRIPTION	MAX PRESSURE	PRESSURE PORT	WEIGHT (KG)	NETT. PRICE	
						£ STERLING	€ EUROS
HPT25-AISI316	19.4cc	With Release Handknob. AISI316 Stainless Steel	300 Bar	3/8" Ports	4.7	£578.81	€ 654.06
HPT25S-AISI316	19.4cc	With Release Handknob and Bellows. AISI316 Stainless Steel	300 Bar	3/8" Ports	4.7	£578.81	€ 654.06
HPT25V-AISI316	19.4cc	With Release Handknob and Pressure Relief Valve. AISI316 Stainless Steel	300 Bar	3/8" Ports	4.7	£578.81	€ 654.06
HPT25VS-AISI316	19.4cc	With Release Handknob and Pressure Relief Valve and Bellows. AISI316 Stainless Steel	300 Bar	3/8" Ports	4.7	£578.81	€ 654.06
HPT25E-AISI316	19.4cc	Without Release Handknob. AISI316 Stainless Steel	300 Bar	3/8" Ports	4.7	£578.81	€ 654.06
HPT25ES-AISI316	19.4cc	Without Release Handknob and with Bellows. AISI316 Stainless Steel	300 Bar	3/8" Ports	4.7	£578.81	€ 654.06
HPT25EV-AISI316	19.4cc	Without Release Handknob and with Pressure Relief Valve. AISI316 Stainless Steel	300 Bar	3/8" Ports	4.7	£578.81	€ 654.06
HPT25EVS-AISI316	19.4cc	Without Release Handknob and with Pressure Relief Valve and Bellows. AISI316 Stainless Steel	300 Bar	3/8" Ports	4.7	£578.81	€ 654.06

## STAINLESS STEEL DOUBLE STROKE HANDPUMP FOR A DOUBLE ACTING CYLINDER

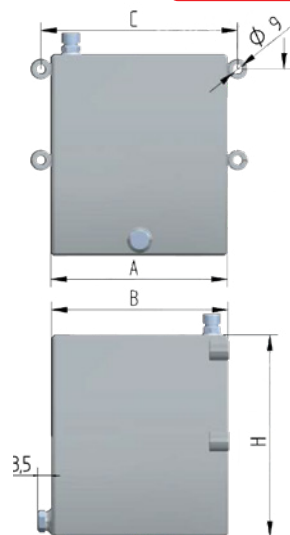
[www.flowfitonline.com](http://www.flowfitonline.com)  
**TECH. DATA SHEET**  
**HDP08**



PART NUMBER	DISPLACMENT	DESCRIPTION	MAX PRESSURE	PRESSURE PORT	WEIGHT (KG)	NETT. PRICE	
						£ STERLING	€ EUROS
HPTD25DCCAI316	19.4cc	4 Way, 3 Position Closed Centre Without Pressure Relief, Without Bellow. AISI316 Stainless Steel	300 Bar	1/4" BSP	4.7	£603.62	€ 682.10
HPTD25DCCVOUTAIS1316	19.4cc	4 Way, 3 Position Closed Centre With Pressure Relief, Without Bellow. AISI316 Stainless Steel	300 Bar	1/4" BSP	4.7	£603.62	€ 682.10
HPTD25DCCVSOUTAIS1316	19.4cc	4 Way, 3 Position Closed Centre With Pressure Relief, With Bellow. AISI316 Stainless Steel	300 Bar	1/4" BSP	4.7	£603.62	€ 682.10
HPTD25DCCSAI316	19.4cc	4 Way, 3 Position Closed Centre Without Pressure Relief, With Bellow. AISI316 Stainless Steel	300 Bar	1/4" BSP	4.7	£603.62	€ 682.10

## STEEL OIL TANKS FOR HANDPUMPS

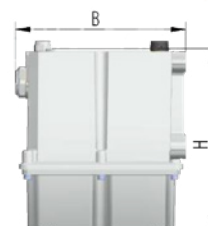
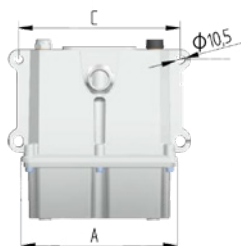
www.flowfitonline.com  
TECH. DATA SHEET  
HDP09



PART NUMBER	CAPACITY LITRES	A (MM)	B (MM)	C (MM)	H (MM)	ACCESSORY	WEIGHT (KG)	NETT. PRICE	
								£ STERLING	€ EUROS
SR01FE	1 Litre	100	150	120	120	Breather Cap	2	£23.76	€ 26.85
SR02FE	2 Litre	100	150	120	180	Breather Cap	2.2	£25.00	€ 28.25
SR03FE	3 Litre	100	150	120	245	Breather Cap	2.5	£30.01	€ 33.91
SR05FE	5 Litre	175	175	195	200	Breather Cap	4.5	£32.50	€ 36.72
SR07FE	7 Litre	175	175	195	269	Breather Cap	5.4	£35.01	€ 39.56
SR10FE	10 Litre	175	175	195	376	Breather Cap	6.8	£45.00	€ 50.85
SR20FE	20 Litre	175	175	195	780	Breather Cap	16	£98.77	€ 111.61

## ALUMINIUM OIL TANKS FOR HANDPUMPS

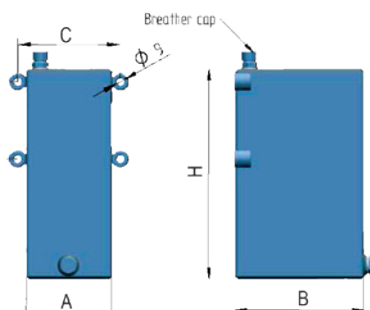
www.flowfitonline.com  
TECH. DATA SHEET  
**HDP10**



PART NUMBER	CAPACITY LITRES	A (MM)	B (MM)	C (MM)	H (MM)	ACCESSORY	WEIGHT (KG)	NETT. PRICE	
								£ STERLING	€ EUROS
SR01ALO	1 Litre	132	157	96	145	Breath Cap and Level indicator	1.3	£36.75	€ 41.53
SR02ALO	2 Litre	174	181	180	142	Breath Cap and Level indicator	1.7	£45.01	€ 50.87
SR03ALO	3 Litre	174	181	180	223	Breath Cap and Level indicator	1.9	£47.78	€ 53.99
SR05ALO	5 Litre	174	181	180	303	Breath Cap and Level indicator	2.4	£66.15	€ 74.75

## STAINLESS STEEL OIL TANK WITH BREATHER CAP

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TECH. DATA SHEET  
**HDP11**



PART NUMBER	CAPACITY LITRES	A (MM)	B (MM)	C (MM)	H (MM)	WEIGHT (KG)	NETT. PRICE	
							£ STERLING	€ EUROS
SR01AIS1316	1 Litre	100	150	120	120	2	£115.76	€ 130.81
SR02AIS1316	2 Litre	100	150	120	180	2.2	£132.30	€ 149.50
SR03AIS1316	3 Litre	100	150	120	245	2.5	£148.84	€ 168.19

## STRAIGHT LEVERS TO SUIT HYDRAULIC HANDPUMPS

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**HDP12**



PART NUMBER	OD OF LEVER MM	LENGTH OF LEVER MM	WEIGHT (KG)	NETT. PRICE	
				£ STERLING	€ EUROS
6800.0004.03.00	25mm	350mm	0.4	£9.92	€ 11.21
LV27X330	27mm	330mm	0.4	£8.68	€ 9.81
LV27X400	27mm	400mm	0.6	£8.68	€ 9.81
LV27X600	27mm	600mm	0.9	£8.68	€ 9.81
LV27X850	27mm	850mm	1.2	£12.10	€ 13.67
LV27X1000	27mm	1000mm	1.5	£14.50	€ 16.39

## BENT LEVER TO SUIT HYDRAULIC HANDPUMPS



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**HDP12**



PART NUMBER	OD OF LEVER MM	LENGTH OF LEVER MM	WEIGHT (KG)	NETT. PRICE	
				£ STERLING	€ EUROS
LV27X600P	27mm	600mm	0.9	£13.67	€ 15.45

## STAINLESS STEEL STRAIGHT LEVERS TO SUIT HYDRAULIC HANDPUMPS



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**HDP12**

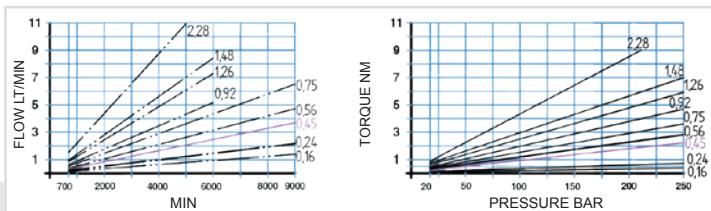
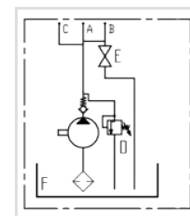
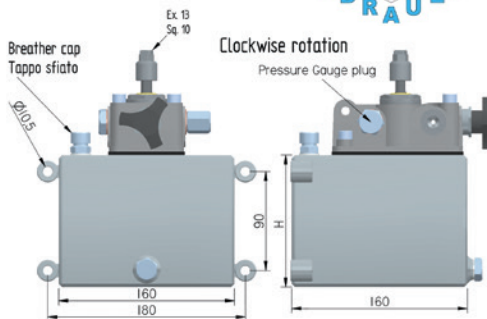


PART NUMBER	OD OF LEVER MM	LENGTH OF LEVER MM	WEIGHT (KG)	NETT. PRICE	
				£ STERLING	€ EUROS
LV27X400AISI316	27mm	400mm	0.6	£33.08	€ 37.37
LV27X600AISI316	27mm	600mm	0.9	£33.08	€ 37.37
LV27X1000AISI316	27mm	1000mm	1.5	£49.61	€ 56.06

## ZERO EFFORT SYSTEM FOR 4L SINGLE ACTING CYLINDER



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**HDP13**



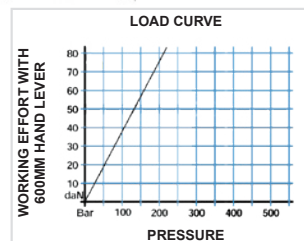
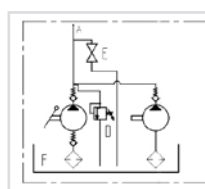
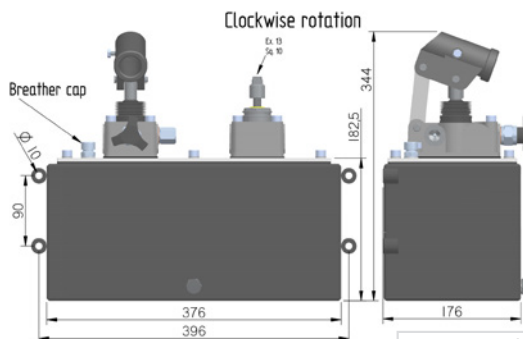
PART NUMBER	SYSTEM TYPE	DESCRIPTION	MAX PRESSURE	TANK SIZE	PORT SIZE	MAX RPM	NETT. PRICE	
							£ STERLING	€ EUROS
ZES-045-SESR-04	Single Acting Cylinder	With 0.45CC Gear Pump	280 Bar	4 Litre	1/4" BSP, 3/8" Pressure Gauge port	9000	£446.51	€ 504.56

OTHER DISPLACEMENTS AVAILABLE PLEASE SPEAK TO A MEMBER OF THE SALES TEAM



# ZERO EFFORT SYSTEM FOR 10L SINGLE ACTING CYLINDER

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**HDP14**



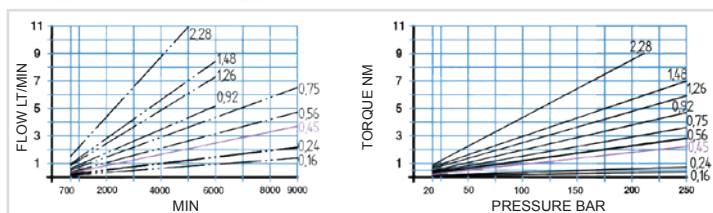
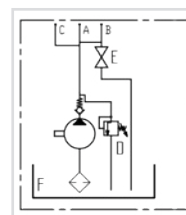
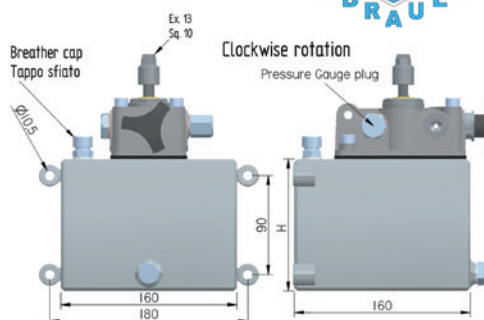
PART NUMBER	SYSTEM TYPE	DESCRIPTION	MAX PRESSURE	TANK SIZE	PORT SIZE	MAX RPM	NETT. PRICE	
							£ STERLING	€ EUROS
ZES-045-SE-25	Single Acting Cylinder	With 0.45cc Gear Pump and 19.5cc Handpump	280 Bar	10 Litre	3/8" BSP	9000	£595.35	€ 672.75

OTHER DISPLACEMENTS AVAILABLE PLEASE SPEAK TO A MEMBER OF THE SALES TEAM

# ZERO EFFORT SYSTEM FOR 4L DOUBLE ACTING CYLINDER



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**HDP15**



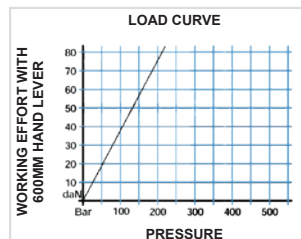
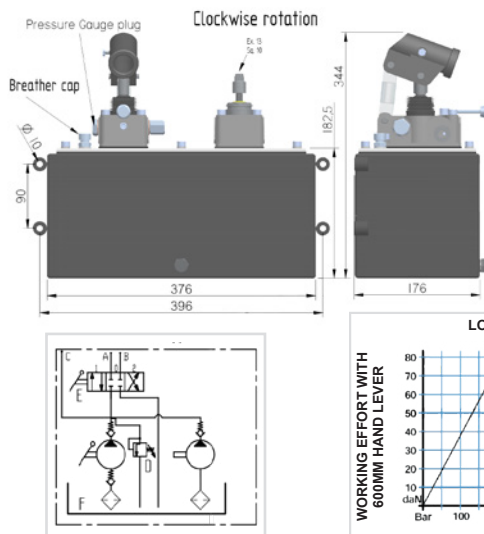
PART NUMBER	SYSTEM TYPE	DESCRIPTION	MAX PRESSURE	TANK SIZE	PORT SIZE	MAX RPM	NETT. PRICE	
							£ STERLING	€ EUROS
ZES-045-DESR-04	Double Acting Cylinder	With 0.45CC Gear Pump	280 Bar	4 Litre	1/4" BSP, 3/8" Pressure Gauge port	9000	£446.51	€ 504.56

OTHER DISPLACEMENTS AVAILABLE PLEASE SPEAK TO A MEMBER OF THE SALES TEAM



## ZERO EFFORT SYSTEM FOR 10L DOUBLE ACTING CYLINDER

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**HDP16**



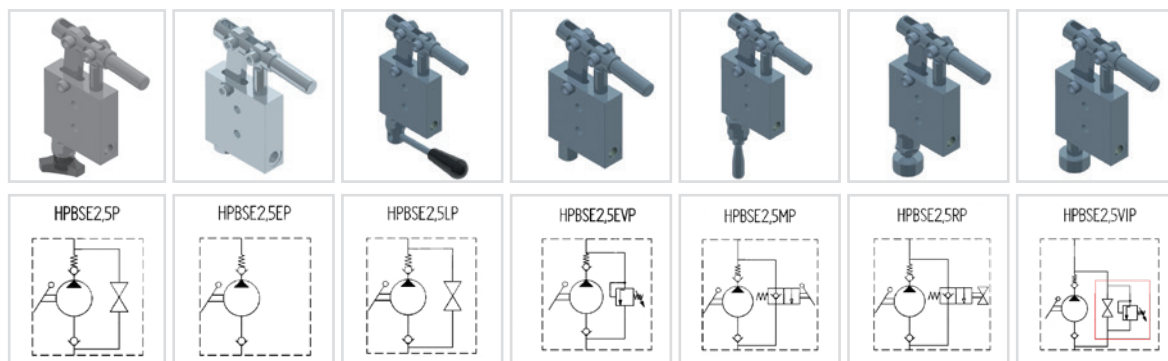
PART NUMBER	SYSTEM TYPE	DESCRIPTION	MAX PRESSURE	TANK SIZE	PORT SIZE	MAX RPM	NETT. PRICE	
							£ STERLING	€ EUROS
ZES-045-DE-25	Double Acting Cylinder	With 0.45cc Gear Pump and 19.5cc Handpump	280 Bar	10 Litre	1/4" BSP, 3/8" Pressure Gauge port	9000	£595.35	€ 672.75

OTHER DISPLACEMENTS AVAILABLE PLEASE SPEAK TO A MEMBER OF THE SALES TEAM

## HYDRAULIC SINGLE STROKE INLINE HANDPUMP FOR SINGLE ACTING CYLINDER WITH ACTIONING LEVER



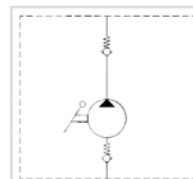
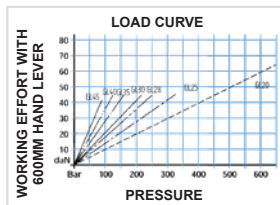
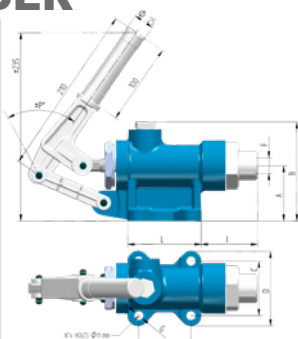
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**HDP17**



PART NUMBER	DISPLACEMENT	DESCRIPTION	MAX PRESSURE	PRESSURE PORT	SUCTION PORT	WEIGHT (KG)	NETT. PRICE	
							£ STERLING	€ EUROS
HPBSE25P	2.5cc	With Release Handknob	200 Bar	1/4" BSP	1/4" BSP	2.5	£105.84	€ 119.60
HPBSE25EP	2.5cc	Without Release Handknob	200 Bar	1/4" BSP	1/4" BSP	2.5	£105.84	€ 119.60
HPBSE25LP	2.5cc	With Release Lever	200 Bar	1/4" BSP	1/4" BSP	2.5	£113.56	€ 128.32
HPBSE25EVP	2.5cc	With Pressure Relief Valve	200 Bar	1/4" BSP	1/4" BSP	2.5	£113.56	€ 128.32
HPBSE25MP	2.5cc	With Release Manipulator	200 Bar	1/4" BSP	1/4" BSP	2.5	£124.58	€ 140.78
HPBSE25RP	2.5cc	With Release Handknob With Automatic Return	200 Bar	1/4" BSP	1/4" BSP	2.5	£124.58	€ 140.78
HPBSE25VIP	2.5cc	With Pressure Relief Valve Inside Release Handknob	200 Bar	1/4" BSP	1/4" BSP	2.5	£124.58	€ 140.78

## GL HYDRAULIC DOUBLE STROKE MOUNTED HANDPUMP FOR A SINGLE ACTING CYLINDER

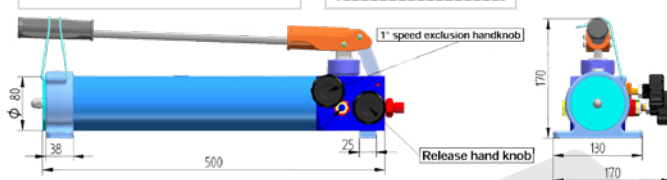
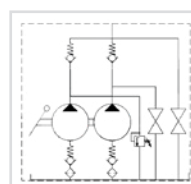
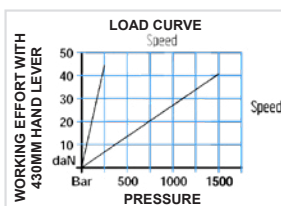
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**HDP18**



PART NUMBER	DISPLACMENT	DESCRIPTION	MAX PRESSURE	PRESSURE PORT	SUCTION PORT	WEIGHT (KG)	NETT. PRICE	
							£ STERLING	€ EUROS
GL20	18cc	Without release Handknob, mount in any postion	650 Bar	3/8" BSP	1/2" BSP	5.3	£167.58	€ 189.37
GL25	29cc	Without release Handknob, mount in any postion	320 Bar	3/8" BSP	1/2" BSP	5.5	£167.58	€ 189.37
GL28	36cc	Without release Handknob, mount in any postion	250 Bar	3/8" BSP	1/2" BSP	5.7	£167.58	€ 189.37
GL30	42cc	Without release Handknob, mount in any postion	220 Bar	3/8" BSP	1/2" BSP	5.9	£167.58	€ 189.37
GL35	57cc	Without release Handknob, mount in any postion	160 Bar	3/8" BSP	1/2" BSP	6.1	£167.58	€ 189.37
GL40	87cc	Without release Handknob, mount in any postion	120 Bar	3/8" BSP	1/2" BSP	6.3	£189.63	€ 214.28
GL45	111cc	Without release Handknob, mount in anv postion	90 Bar	3/8" BSP	1/2" BSP	6.5	£189.63	€ 214.28

## HYDRAULIC TWO SPEED SINGLE STROKE HANDPUMP FOR SINGLE ACTING CYLINDER

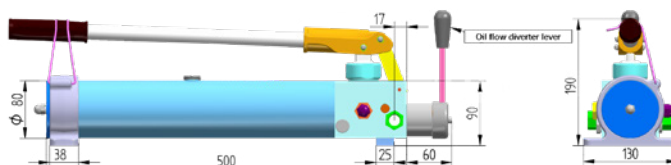
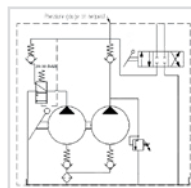
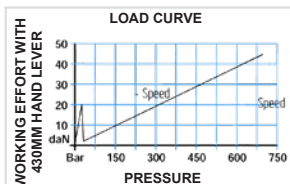
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**TECH. DATA SHEET**  
**HDP19**



Part Number	Speed	Displacement	Max Pressure	Tank Size	Port Size	Weight (kg)	Nett. Price	
							£ Sterling	€ Euros
GL2P-Q150	1 Speed	17cc	100 Bar	1.5 Litre	3/8" BSP	10	£595.35	€ 672.75
	2 Speed	1cc	1500 Bar					

# HYDRAULIC TWO SPEED SINGLE STROKE HANDPUMP FOR DOUBLE ACTING CYLINDER

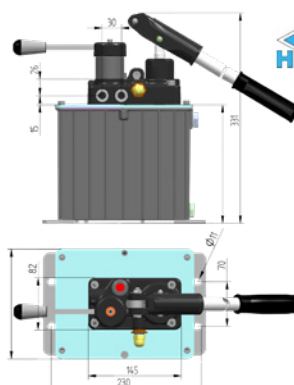
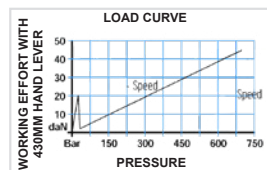
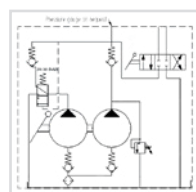
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**HDP20**



PART NUMBER	SPEED	DISPLACMENT	MAX PRESSURE	TANK SIZE	PORT SIZE	WEIGHT (KG)	NETT. PRICE	
GL2P-Q4VN	1 Speed	17cc	-25 Bar	1.5 Litre	3/8" BSP	10	£ STERLING	€ EUROS
	2 Speed	2.5	700 Bar				£595.35	€ 672.75

# DOUBLE STROKE HANDPUMP FOR A DOUBLE ACTING CYLINDER WITH RELIEF VALVE, COMPLETE WITH OIL TANK AND LEVER

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**HDP21**



PART NUMBER	DISPLACMENT	DESCRIPTION	MAX PRESSURE	TANK SIZE	PORT SIZE	WEIGHT (KG)	NETT. PRICE	
GL290-17-DV-S2	11cc	Includes Pressure Relief Valve, Flow Diverter and Filler Plug	380 Bar	2 Litre	1/4" BSP	6	£527.00	€ 595.50
	20cc	Includes Pressure Relief Valve, Flow Diverter and Filler Plug	280 Bar	2 Litre	1/4" BSP	6.1	£527.00	€ 595.50
	25cc	Includes Pressure Relief Valve, Flow Diverter and Filler Plug	180 Bar	2 Litre	1/4" BSP	6.2	£527.00	€ 595.50
	32cc	Includes Pressure Relief Valve, Flow Diverter and Filler Plug	150 Bar	2 Litre	1/4" BSP	6.3	£527.00	€ 595.50
	50cc	Includes Pressure Relief Valve, Flow Diverter and Filler Plug	100 Bar	2 Litre	1/4" BSP	6.4	£527.00	€ 595.50
GL290-17-DV-S4	11cc	Includes Pressure Relief Valve, Flow Diverter and Filler Plug	380 Bar	4 Litre	1/4" BSP	6.2	£573.30	€ 647.83
	20cc	Includes Pressure Relief Valve, Flow Diverter and Filler Plug	280 Bar	4 Litre	1/4" BSP	6.3	£573.30	€ 647.83
	25cc	Includes Pressure Relief Valve, Flow Diverter and Filler Plug	180 Bar	4 Litre	1/4" BSP	6.5	£573.30	€ 647.83
	32cc	Includes Pressure Relief Valve, Flow Diverter and Filler Plug	150 Bar	4 Litre	1/4" BSP	6.7	£573.30	€ 647.83
	50cc	Includes Pressure Relief Valve, Flow Diverter and Filler Plug	100 Bar	4 Litre	1/4" BSP	6.9	£573.30	€ 647.83

# SINGLE ACTING HANDPUMP ASSEMBLIES

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12CM3 SINGLE ACTING HANDPUMP	390
25CM3 SINGLE ACTING HANDPUMP	391
45CM3 SINGLE ACTING HANDPUMP	391



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Please note not all Hand pumps are not designed to load hold or hold pressure for extended period of time unless supplied with PO check valves. See technical PDF.

All hand pumps with PO checks built in must have a minimum of 50 bar load pressure to enable them to seat correctly. Any applications where load or pressure holding is required please contact our Technical sales team for more information/advice.

It is advisable when choosing a pump that it requires no more effort than 25 daN, you will of course need to know the max working pressure for your application. The graph showing the effort required using a 600mm lever, you could decrease the effort involved by using a longer lever to help with this, should you require a higher displacement working at higher pressures. Our Hand pumps can produce the stated pressure, it is just that the effort required increases, the line across the effort graph is just the optimum advised load on the lever.

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## 6cm<sup>3</sup> SINGLE ACTING HANDPUMP

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**SAHA1**



1 Litre Tank



2 Litre Tank



3 Litre Tank



5 Litre Tank



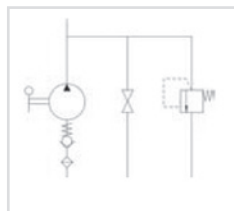
7 Litre Tank



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 CM <sup>3</sup>	TANK SIZE LITRES	MAX WORKING PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
ZZ000936	6	1	450	500	£88.77	€ 100.31
ZZ000937	6	2	450	500	£90.02	€ 101.72
ZZ000938	6	3	450	500	£95.01	€ 107.37
ZZ000939	6	5	450	500	£97.51	€ 110.19
ZZ000940	6	7	450	500	£100.02	€ 113.03
ZZ000941	6	10	450	500	£110.02	€ 124.32
ZZ006516	6	20	450	500	£268.59	€ 303.51

## 12cm<sup>3</sup> SINGLE ACTING HANDPUMP

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**SAHA2**



1 Litre Tank



2 Litre Tank



3 Litre Tank



5 Litre Tank



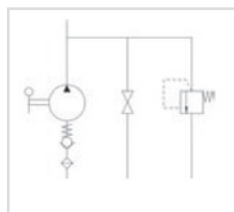
7 Litre Tank



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 CM <sup>3</sup>	TANK SIZE LITRES	MAX WORKING PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
ZZ000942	12	1	320	380	£88.77	€ 100.31
ZZ000943	12	2	320	380	£90.02	€ 101.72
ZZ000944	12	3	320	380	£95.01	€ 107.37
ZZ000945	12	5	320	380	£97.51	€ 110.19
ZZ000946	12	7	320	380	£100.02	€ 113.03
ZZ000947	12	10	320	380	£110.02	€ 124.32
ZZ006517	12	20	320	380	£268.59	€ 303.51

## 25cm<sup>3</sup> SINGLE ACTING HANDPUMP

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**SAHA3**



1 Litre Tank



2 Litre Tank



3 Litre Tank



5 Litre Tank



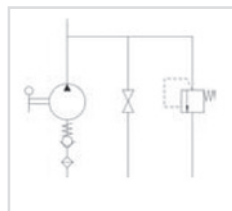
7 Litre Tank



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 CM <sup>3</sup>	TANK SIZE LITRES	MAX WORKING PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
ZZ000948	25	1	280	350	£88.77	€ 100.31
ZZ000949	25	2	280	350	£90.02	€ 101.72
ZZ000950	25	3	280	350	£95.01	€ 107.37
ZZ000951	25	5	280	350	£97.51	€ 110.19
ZZ000952	25	7	280	350	£100.02	€ 113.03
ZZ000953	25	10	280	350	£110.02	€ 124.32
ZZ006518	25	20	280	350	£270.98	€ 306.21

## 45cm<sup>3</sup> SINGLE ACTING HANDPUMP

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**SAHA4**



1 Litre Tank



2 Litre Tank



3 Litre Tank



5 Litre Tank



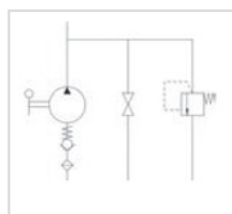
7 Litre Tank



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 CM <sup>3</sup>	TANK SIZE LITRES	MAX WORKING PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
ZZ000954	45	1	220	280	£92.53	€ 104.55
ZZ000955	45	2	220	280	£93.77	€ 105.95
ZZ000956	45	3	220	280	£98.77	€ 111.61
ZZ000957	45	5	220	280	£101.26	€ 114.43
ZZ000958	45	7	220	280	£103.77	€ 117.26
ZZ000959	45	10	220	280	£113.77	€ 128.56
ZZ006519	45	20	220	280	£272.56	€ 307.99



# DOUBLE ACTING HANDPUMP ASSEMBLIES

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45CM3 DOUBLE ACTING HANDPUMP	394



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Please note not all Hand pumps are not designed to load hold or hold pressure for extended period of time unless supplied with PO check valves, See technical PDF.

All hand pumps with PO checks built in must have a minimum of 50 bar load pressure to enable them to seat correctly. Any applications where load or pressure holding is required please contact our Technical sales team for more information/advice.

It is advisable when choosing a pump that it requires no more effort than 25 daN, you will of course need to know the max working pressure for your application. The graph showing the effort required using a 600mm lever, you could decrease the effort involved by using a longer lever to help with this, should you require a higher displacement working at higher pressures. Our Hand pumps can produce the stated pressure, it is just that the effort required increases, the line across the effort graph is just the optimum advised load on the lever.

## 6cm<sup>3</sup> 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

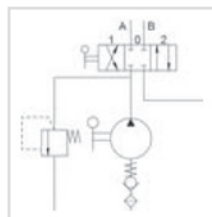


10 Litre Tank

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 CM <sup>3</sup>	TANK SIZE LITRES	MAX WORKING PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
ZZ000960	6	1	450	500	£93.77	€ 105.95
ZZ000961	6	2	450	500	£95.01	€ 107.37
ZZ000962	6	3	450	500	£100.02	€ 113.03
ZZ000963	6	5	450	500	£102.52	€ 115.85
ZZ000964	6	7	450	500	£105.02	€ 118.67
ZZ000965	6	10	450	500	£115.03	€ 129.98
ZZ006512	6	20	450	500	£282.91	€ 319.69

## 12cm<sup>3</sup> 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

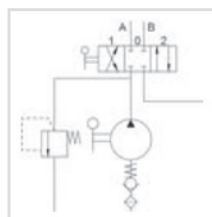


10 Litre Tank

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 CM <sup>3</sup>	TANK SIZE LITRES	MAX WORKING PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
ZZ000966	12	1	320	380	£93.77	€ 105.95
ZZ000967	12	2	320	380	£95.01	€ 107.37
ZZ000968	12	3	320	380	£100.02	€ 113.03
ZZ000969	12	5	320	380	£102.52	€ 115.85
ZZ000970	12	7	320	380	£105.02	€ 118.67
ZZ000971	12	10	320	380	£115.03	€ 129.98
ZZ006513	12	20	320	380	£282.91	€ 319.69

## 25cm<sup>3</sup> 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

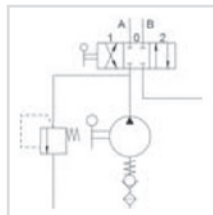


10 Litre Tank

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 CM <sup>3</sup>	TANK SIZE LITRES	MAX WORKING PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
ZZ000972	25	1	280	350	£93.77	€ 105.95
ZZ000973	25	2	280	350	£95.01	€ 107.37
ZZ000974	25	3	280	350	£100.02	€ 113.03
ZZ000975	25	5	280	350	£102.52	€ 115.85
ZZ000976	25	7	280	350	£105.02	€ 118.67
ZZ000977	25	10	280	350	£115.03	€ 129.98
ZZ006514	25	20	280	350	£282.20	€ 318.88

## 45cm<sup>3</sup> 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

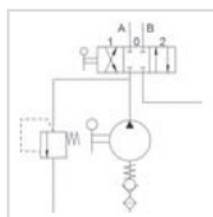


10 Litre Tank

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 CM <sup>3</sup>	TANK SIZE LITRES	MAX WORKING PRESSURE BAR	MAX PRESSURE BAR	NETT. PRICE	
					£ STERLING	€ EUROS
ZZ000978	45	1	220	280	£97.51	€ 110.19
ZZ000979	45	2	220	280	£98.77	€ 111.61
ZZ000980	45	3	220	280	£103.77	€ 117.26
ZZ000981	45	5	220	280	£106.27	€ 120.09
ZZ000982	45	7	220	280	£108.77	€ 122.91
ZZ000983	45	10	220	280	£118.78	€ 134.22
ZZ006515	45	20	220	280	£286.08	€ 323.27

# HANDPUMP AND POWERPACK TRAILER KITS

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Please note not all Hand pumps are not designed to load hold or hold pressure for extended period of time unless supplied with PO check valves, See technical PDF.

All hand pumps with PO checks built in must have a minimum of 50 bar load pressure to enable them to seat correctly. Any applications where load or pressure holding is required please contact our Technical sales team for more information/advice.

It is advisable when choosing a pump that it requires no more effort than 25 daN, you will of course need to know the max working pressure for your application. The graph showing the effort required using a 600mm lever, you could decrease the effort involved by using a longer lever to help with this, should you require a higher displacement working at higher pressures. Our Hand pumps can produce the stated pressure, it is just that the effort required increases, the line across the effort graph is just the optimum advised load on the lever.



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**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 CM <sup>3</sup>	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	£155.03	€ 175.19
ZZ000779	25	1	600	600	2.5	200	3	£166.28	€ 187.89
ZZ000780	25	2	600	700	2.5	200	3	£170.03	€ 192.13
ZZ000781	25	2	600	400	3.9	200	3	£247.55	€ 279.73
ZZ000782	25	2	600	600	3.9	200	3	£181.28	€ 204.85
ZZ000783	25	3	600	700	3.9	200	3	£183.79	€ 207.68
ZZ000784	25	2	600	400	5.6	200	3	£206.29	€ 233.11
ZZ000785	25	3	600	600	5.6	200	3	£208.79	€ 235.94
ZZ000786	25	3	600	700	5.6	200	3	£213.79	€ 241.58
ZZ000787	25	3	600	400	7.7	200	3	£186.29	€ 210.51
ZZ000788	25	3	600	600	7.7	200	3	£201.29	€ 227.45
ZZ000789	25	5	600	700	7.7	200	3	£217.55	€ 245.83
ZZ000790	25	3	600	400	10	200	3	£197.54	€ 223.22
ZZ000791	25	5	600	600	10	200	3	£213.79	€ 241.58
ZZ000792	25	5	600	700	10	200	3	£228.80	€ 258.54

## 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 CM <sup>3</sup>	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	£187.54	€ 211.92
ZZ000805	25	1	600	600	2.5	200	3m x 2	£193.79	€ 218.98
ZZ000806	25	2	600	700	2.5	200	3m x 2	£197.54	€ 223.22
ZZ000807	25	2	600	400	3.9	200	3m x 2	£196.29	€ 221.80
ZZ000808	25	2	600	600	3.9	200	3m x 2	£198.80	€ 224.64
ZZ000809	25	3	600	700	3.9	200	3m x 2	£211.29	€ 238.76
ZZ000810	25	2	400	400	5.6	200	3m x 2	£202.55	€ 228.88
ZZ000811	25	2	600	600	5.6	200	3m x 2	£243.80	€ 275.49
ZZ000812	25	3	600	700	5.6	200	3m x 2	£273.81	€ 309.40
ZZ000813	25	2	600	400	7.7	200	3m x 2	£215.04	€ 243.00
ZZ000814	25	3	600	600	7.7	200	3m x 2	£226.29	€ 255.70
ZZ000815	25	3	600	700	7.7	200	3m x 2	£241.29	€ 272.66
ZZ000816	25	3	600	400	10	200	3m x 2	£223.80	€ 252.89
ZZ000817	25	5	600	600	10	200	3m x 2	£240.05	€ 271.26
ZZ000818	25	5	600	700	10	200	3m x 2	£255.06	€ 288.21

## 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	£283.87	€ 320.77
ZZ000723	4	220	12VDC	600	2.5	3	£299.97	€ 338.97
ZZ000724	4	220	12VDC	700	2.5	3	£296.40	€ 334.94
ZZ000727	4	220	12VDC	400	3.9	3	£293.61	€ 331.78
ZZ000728	4	220	12VDC	600	3.9	3	£297.80	€ 336.52
ZZ000729	4	220	12VDC	700	3.9	3	£307.53	€ 347.51
ZZ000730	4	220	12VDC	400	5.6	3	£303.36	€ 342.79
ZZ000731	4	220	12VDC	600	5.6	3	£311.70	€ 352.22
ZZ000732	4	220	12VDC	700	5.6	3	£326.70	€ 369.17
ZZ000733	4	220	12VDC	400	7.7	3	£315.88	€ 356.95
ZZ000734	4	220	12VDC	600	7.7	3	£345.65	€ 390.58
ZZ000735	4	220	12VDC	700	7.7	3	£336.75	€ 380.52
ZZ000736	4	220	12VDC	400	10	3	£328.40	€ 371.09
ZZ000737	4	220	12VDC	600	10	3	£342.30	€ 386.80
ZZ000738	4	220	12VDC	700	10	3	£357.63	€ 404.12

## 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	£283.86	€ 320.76
ZZ000742	4	220	24VDC	600	2.5	3	£292.22	€ 330.20
ZZ000743	4	220	24VDC	700	2.5	3	£293.61	€ 331.78
ZZ000744	4	220	24VDC	400	3.9	3	£289.44	€ 327.07
ZZ000747	4	220	24VDC	600	3.9	3	£295.01	€ 333.36
ZZ000748	4	220	24VDC	700	3.9	3	£303.36	€ 342.79
ZZ000749	4	220	24VDC	400	5.6	3	£338.14	€ 382.10
ZZ000750	4	220	24VDC	600	5.6	3	£347.89	€ 393.11
ZZ000751	4	220	24VDC	700	5.6	3	£360.39	€ 407.24
ZZ000752	4	220	24VDC	400	7.7	3	£313.11	€ 353.81
ZZ000753	4	220	24VDC	600	7.7	3	£325.63	€ 367.96
ZZ000754	4	220	24VDC	700	7.7	3	£333.97	€ 377.39
ZZ000755	4	220	24VDC	400	10	3	£325.63	€ 367.96
ZZ000756	4	220	24VDC	600	10	3	£339.61	€ 383.76
ZZ000757	4	220	24VDC	700	10	3	£354.84	€ 400.97



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# HYDRAULIC CYLINDERS

# FLOWFIT

# HYDRAULIC CYLINDERS

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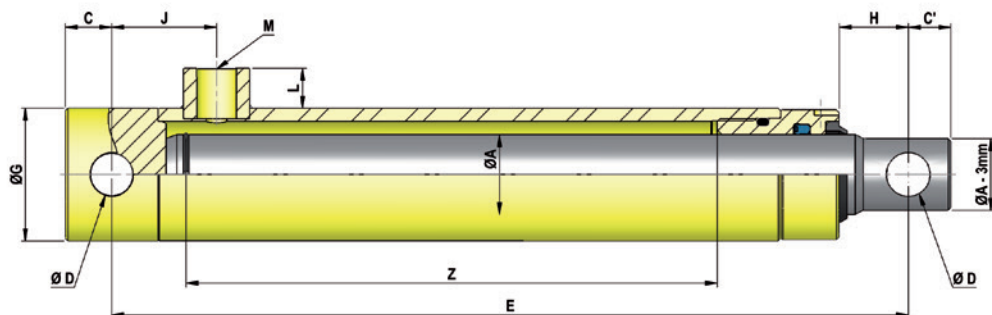




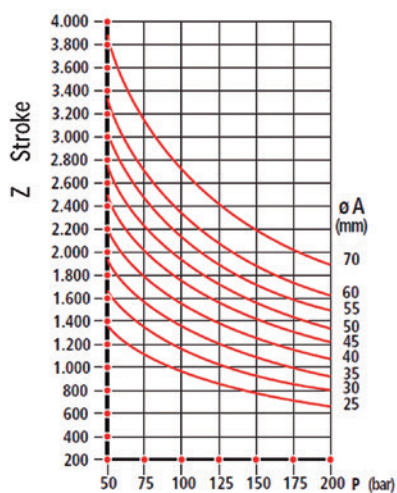


# SINGLE ACTING STANDARD CYLINDERS [SERIES 600]

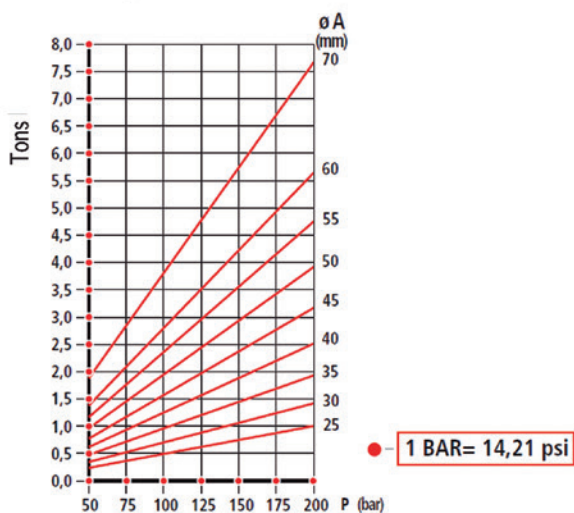
Design for cylinders  $\varnothing A$  from 25 to 40



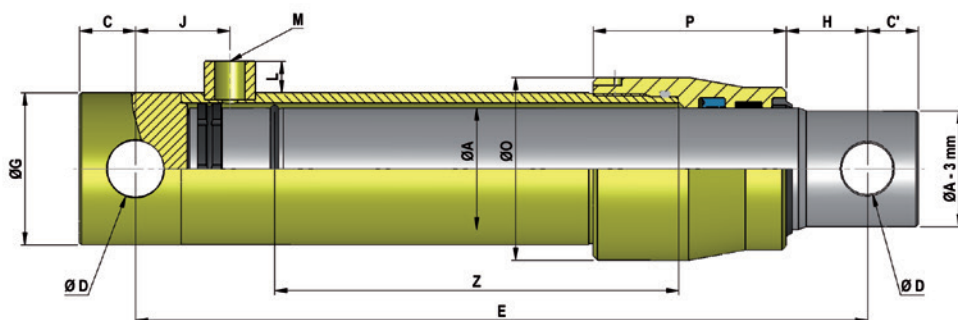
Buckling



Upward thrust



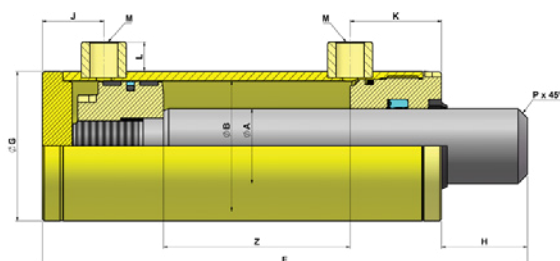
Design for cylinders  $\varnothing A$  from 45 to 70



REF.	ø A	STROKE	E	C/C	D	G	H	J	O	P	L	M BSP	Vol. (L)	Seal Kit	Weight (KG)	NETT. PRICE	
																£ STERLING	€ EUROS
625/10		100	190										0,08		1,5	£118.08	€ 133.43
625/20	25	200	290	14/14	14,2	40	24	40			9,5	1/4	0,16	J625	2,3	£123.44	€ 139.48
625/30		300	390										0,24		3	£131.20	€ 148.25
630/2		200	300										0,25		3,6	£135.45	€ 153.06
"630/3		300	400										0,38		4,7	£145.17	€ 164.05
630/4"	30	400	500	17,5 /16	16,2	50	26	42			15	3/8	0,5	J630	6"	£154.65	€ 174.76
630/5		550	650										0,69		7,6	£176.22	€ 199.13
630/7		700	800										0,88		9,4	£190.42	€ 215.17
635/2		200	330										0,32		4,7	£184.42	€ 208.40
635/3		300	430										0,48		6,1	£197.41	€ 223.07
635/4	35	400	530	22/20	20,25	55	32	47			15	3/8	0,64	J635	7,5	£183.18	€ 207.00
635/5		550	680										0,87		9,6	£227.57	€ 257.15
635/7		700	830										1,11		11,7	£268.12	€ 302.97
640/2		200	330										0,39		6	£160.79	€ 181.69
640/3		300	430										0,59		7,6	£174.50	€ 197.18
640/4	40	400	530	22/22	23	60	32	47			15	3/8	0,79	J640	9,3	£192.42	€ 217.44
640/5		550	680										1,08		11,7	£219.87	€ 248.45
640/7		700	830										1,37		14,2	£247.26	€ 279.41
645/2		200	330										0,39		7	£200.96	€ 227.08
645/3		300	430										0,59		8,9	£216.47	€ 244.61
645/4	45	400	530	22/22	23	60	34	47	70	77	15	3/8	0,79	J645	10,9	£237.09	€ 267.91
645/5		550	680										1,08		13,7	£260.54	€ 294.41
645/7		700	830										1,37		16,7	£322.90	€ 364.87
650/2		200	360										0,48		8,9	£239.83	€ 271.01
650/3		300	460										0,71		11,2	£238.97	€ 270.04
650/4	50	400	560	25/25	25,25	65	49	50	75	80	15	3/8	0,95	J650	13,5	£268.96	€ 303.92
650/5		550	710										1,31		16,8	£297.23	€ 335.87
650/7		700	860										1,66		20,4	£320.91	€ 362.63
655/3		300	460										0,85		13,6	£299.42	€ 338.34
655/5	55	550	710	22/25	25,25	70	41	50	85	95	15	3/8	1,56	J655	20,1	£363.87	€ 411.17
655/7		700	860										1,98		24,2	£407.31	€ 460.26
660/2		200	360										0,66		12,6	£326.63	€ 369.10
660/3		300	460										1		15,7	£318.33	€ 359.71
660/4	60	400	560	25/25	25,25	75	36	50	90	95	15	3/8	1,33	J660	18,7	£347.88	€ 393.10
660/5		550	710										1,83		23,3	£383.54	€ 433.40
660/7		700	860										2,32		28,4	£457.74	€ 517.24
670/3		300	495										1,33		25,1	£534.87	€ 604.40
670/4		400	595										1,77		29,6	£599.53	€ 677.47
670/5	70	550	745	28/28	30,5	90	50	58	108	110	17	1/2	2,43	J670	36,5	£663.56	€ 749.82
670/7		700	895										3,09		43,4	£751.75	€ 849.47



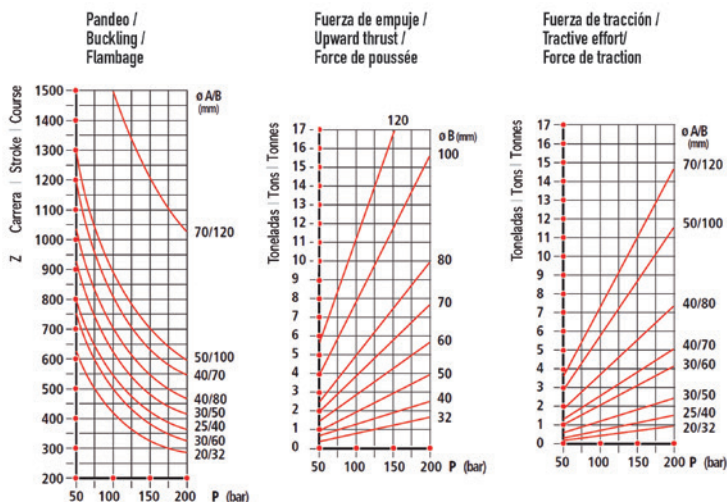
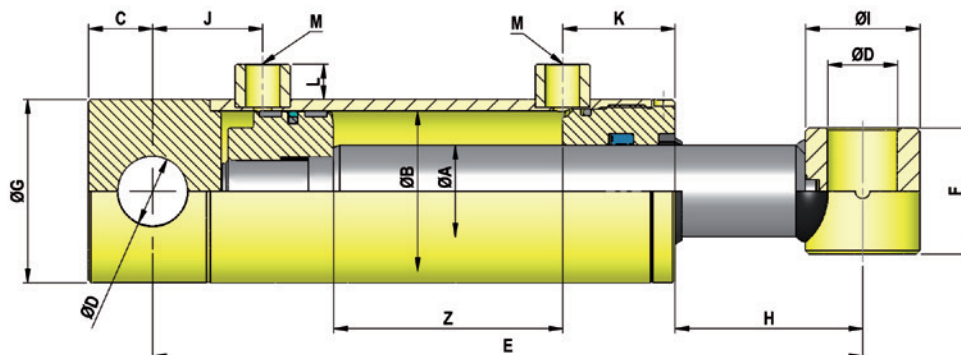
# DOUBLE ACTING CYLINDERS (SERIES 500) NO ENDS



REF.	ØA	ØB	STROKE	E	ØG	H	J	K	L	M	P	Vol (L)	Seal Kit	Weight (KG)	NETT. PRICE
															<div>£ STERLING</div> <div>€ EUROS</div>
52032/100	20	32	100	230	40	23	25	35	12	1/4"	3	0,08	J70N	1,6	£67.47 € 76.24
52032/200			200	330								0,16		2,2	£70.88 € 80.09
52032/250			250	380								0,20		2,5	£74.28 € 83.93
52032/300			300	430								0,24		2,8	£72.59 € 82.02
52032/400			400	530								0,32		3,4	£96.54 € 109.09
52032/500			500	630								0,40		4,0	£100.50 € 113.56
52540/200	25	40	200	330	50	33	29	40	16	3/8"	4	0,25	J71N	3,4	£83.80 € 94.69
52540/250			250	380								0,31		3,8	£86.43 € 97.66
52540/300			300	430								0,38		4,3	£89.06 € 100.64
52540/400			400	530								0,50		5,2	£95.94 € 108.41
52540/500			500	630								0,63		6,2	£103.30 € 116.73
52540/600			600	730								0,75		7,1	£108.16 € 122.22
52540/700			700	830								0,88		8,1	£112.88 € 127.55
52540/1000			1000	1130								1,26		10,9	£132.44 € 149.65
53050/150	30	50	150	290	60	36	31	43	16	3/8"	4	0,29	J72N	4,2	£90.98 € 102.81
53050/200			200	340								0,39		4,8	£92.42 € 104.44
53050/250			250	390								0,49		5,4	£95.55 € 107.97
53050/300			300	440								0,59		6,0	£98.90 € 111.76
53050/350			350	490								0,69		6,6	£104.66 € 118.27
53050/400			400	540								0,79		7,3	£108.00 € 122.04
53050/500			500	640								0,98		8,5	£114.67 € 129.58
53050/600			600	740								1,18		9,7	£121.49 € 137.28
53050/700			700	840								1,37		10,9	£128.48 € 145.18
53050/900			900	1040								1,77		13,4	£147.23 € 166.37
53050/1000			1000	1140								1,96		14,6	£153.13 € 173.04
53060/200	30	60	200	360	70	54	31	45	16	3/8"	4	0,57	J73N	5,9	£102.71 € 116.06
53060/300			300	460								0,85		7,3	£109.36 € 123.57
53060/400			400	560								1,13		8,6	£117.94 € 133.27
53060/500			500	660								1,41		10,0	£125.66 € 142.00
53060/600			600	760								1,70		11,3	£132.80 € 150.07
53060/700			700	860								1,98		12,7	£139.38 € 157.50

REF.	ØA	ØB	STROKE	E	ØG	H	J	K	L	M	P	Vol (L)	Seal Kit	Weight (KG)	NETT. PRICE	
															£ STERLING	€ EUROS
54070/150	40	70	150	310	80	46	33	49	16	3/8"	5	0,58	J74N	7,4	£113.46	€ 128.21
54070/200			200	360								0,77		8,4	£117.74	€ 133.04
54070/250			250	410								0,96		9,3	£122.71	€ 138.67
54070/300			300	460								1,15		10,3	£128.03	€ 144.67
54070/400			400	560								1,54		12,2	£140.35	€ 158.60
54070/500			500	660								1,92		14,1	£150.58	€ 170.16
54070/600			600	760								2,31		16,0	£162.87	€ 184.04
54070/700			700	860								2,69		17,9	£172.33	€ 194.73
54080/200	40	80	200	375	90	49	33	54	16	3/8"	5	1,01	J75N	10,3	£127.62	€ 144.21
54080/300			300	475								1,51		12,3	£137.95	€ 155.88
54080/400			400	575								2,01		14,3	£152.85	€ 172.72
54080/500			500	675								2,51		16,4	£163.46	€ 184.71
54080/600			600	775								3,02		18,4	£174.99	€ 197.74
54080/700			700	875								3,52		20,4	£188.67	€ 213.20
55090/200	50	90	200	390	105	52	35	60	16	3/8"	6	1,27	J5090N	16,1	£189.64	€ 214.29
55090/300			300	490								1,90		19,4	£207.34	€ 234.30
55090/400			400	590								2,55		22,8	£227.20	€ 256.73
55090/500			500	690								3,18		26,1	£246.29	€ 278.31
55090/600			600	790								3,82		29,4	£265.40	€ 299.90
55090/700			700	890								4,45		32,8	£287.58	€ 324.97
550100/300	50	100	300	490	115	52	35	60	16	3/8"	6	2,36	J76N	21,7	£240.41	€ 271.66
550100/400			400	590								3,14		25,2	£262.12	€ 296.20
550100/500			500	690								3,93		28,7	£282.00	€ 318.66
550100/600			600	790								4,71		32,2	£305.70	€ 345.44
550100/700			700	890								5,50		35,7	£325.63	€ 367.96
570120/400	70	S120	400	650	140	80	40	82	17	1/2"	6	4,52	J77N	45,8	£591.86	€ 668.81
570120/500			500	750								5,65		52,0	£628.78	€ 710.52
570120/600			600	850								6,78		58,2	£673.51	€ 761.07
570120/700			700	950								7,91		64,4	£782.04	€ 883.71

# DOUBLE ACTING STANDARD CYLINDERS [SERIES 700]



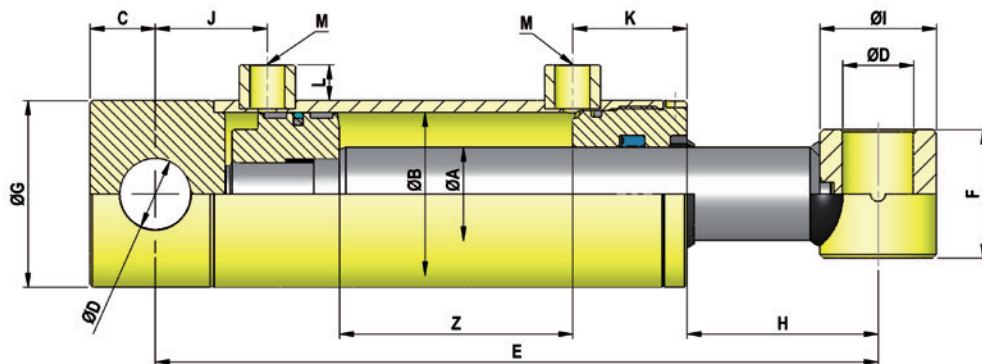
REF.	ø A	ø B	STROKE	E	C	D	F	G	H	I	J	K	L	M BSP	Vol. (L)	Seal Kit	Weight (KG)	NETT. PRICE		
																			£ STERLING	€ EUROS
700/05	20	32	50	205	16	16,2	35	40	28	30	47	35	9,5	1/4	0,04	J70N	1,7	£55.83	€ 63.09	
700/10			100	255											0,08		2,0	£57.65	€ 65.14	
700/15			150	305											0,12		2,3	£59.34	€ 67.05	
700/20			200	355											0,16		2,6	£63.22	€ 71.44	
700/250			250	405											0,20		2,9	£64.79	€ 73.21	
700/30			300	455											0,24		3,2	£66.55	€ 75.20	
700/350			350	505											0,28		3,4	£70.10	€ 79.21	
700/400			400	555											0,32		3,6	£72.35	€ 81.75	
700/500			500	655											0,40		4,2	£75.40	€ 85.20	
700/600			600	755											0,48		4,8	£99.37	€ 112.29	
700/700			700	855											0,56		5,3	£108.30	€ 122.38	
700/800			800	955											0,64		6,2	£113.04	€ 127.74	
700/900			900	1055											0,72		6,8	£116.43	€ 131.57	
700/1000			1000	1155											0,80		7,2	£124.97	€ 141.22	
700/1100			1100	1255											0,89		8,0	£133.55	€ 150.91	
700/1200			1200	1355											0,97		8,6	£141.99	€ 160.45	
700/1300			1300	1455											1,05		9,2	£150.68	€ 170.26	
700/1400			1400	1555											1,13		9,8	£159.24	€ 179.94	
700/1500			1500	1655											1,21		10.4	£170.46	€ 192.62	

## DOUBLE ACTING STANDARD CYLINDERS [SERIES 700]

REF.	ø A	ø B	STROKE	E	C	D	F	G	H	I	J	K	L	M BSP	Vol. (L)	Seal Kit	Weight (KG)	NETT. PRICE		
																			£ STERLING	€ EUROS
701/1	25	40	100	270	17,5	20,25	40	50	64,5	35	37,5	40	15	3/8	0,13	J71N	2,9	£63.29	€ 71.52	
701/150			150	320											0,19		3,4	£65.99	€ 74.57	
701/2			200	370											0,25		3,8	£68.60	€ 77.51	
701/250			250	420											0,31		4,4	£70.90	€ 80.11	
701/3			300	470											0,38		4,7	£73.90	€ 83.51	
701/350			350	520											0,44		5,3	£77.29	€ 87.34	
701/4			400	570											0,50		5,7	£77.29	€ 87.34	
701/450			450	620											0,57		6,2	£79.19	€ 89.49	
701/5			500	670											0,63		6,6	£84.51	€ 95.50	
701/600			600	770											0,75		7,6	£89.78	€ 101.45	
701/700			700	870											0,88		8,6	£95.11	€ 107.47	
701/800			800	970											1,01		9,5	£100.41	€ 113.46	
701/900			900	1070											1,13		10,5	£118.65	€ 134.07	
701/1000			1000	1170											1,26		11,5	£127.32	€ 143.87	
701/1100			1100	1270											1,38		12,3	£135.99	€ 153.66	
701/1200	1200	1370	1,51	13,3	£145.14	€ 164.01														
701/1300	1300	1470	1,63	14,2	£153.32	€ 173.25														
701/1400	1400	1570	1,76	15,2	£162.04	€ 183.10														
701/1500	1500	1670	1,89	16,1	£170.65	€ 192.83														
702/1	30	50	100	300	22	25,25	45	60	85	40	42	43	15	3/8	0,20	J72N	4,3	£77.65	€ 87.74	
702/150			150	350											0,29		5,1	£81.00	€ 91.53	
702/2			200	400											0,39		5,6	£84.33	€ 95.29	
702/250			250	450											0,49		6,3	£89.10	€ 100.69	
702/3			300	500											0,59		6,8	£91.05	€ 102.88	
702/350			350	550											0,69		7,6	£95.50	€ 107.91	
702/4			400	600											0,79		8,0	£97.72	€ 110.43	
702/450			450	650											0,88		8,8	£102.13	€ 115.41	
702/5			500	700											0,98		9,5	£104.43	€ 118.01	
702/6			600	800											1,18		10,5	£111.14	€ 125.59	
702/7			700	900											1,37		11,7	£117.82	€ 133.14	
702/800			800	1000											1,57		13,1	£124.50	€ 140.68	
702/900			900	1100											1,77		14,3	£131.19	€ 148.24	
702/1000			1000	1200											1,96		15,5	£137.90	€ 155.82	
702/1100			1100	1300											2,16		16,8	£161.08	€ 182.02	
702/1200	1200	1400	2,35	18,03	£171.32	€ 193.59														
702/1300	1300	1500	2,55	19,26	£181.55	€ 205.15														
702/1400	1400	1600	2,77	20,1	£191.82	€ 216.76														
702/1500	1500	1700	2,94	21,72	£202.07	€ 228.34														
703/1	30	60	100	300	22	25,25	45	70	83	40	42	45	15	3/8	0,28	J73N	5,4	£89.08	€ 100.66	
703/150			150	350											0,42		6,3	£92.40	€ 104.41	
703/2			200	400											0,57		7,0	£96.16	€ 108.66	
703/250			250	450											0,71		7,63	£100.39	€ 113.44	
703/3			300	500											0,85		8,1	£103.22	€ 116.63	
703/350			350	550											0,99		9,1	£108.55	€ 122.66	
703/4			400	600											1,13		9,5	£110.29	€ 124.63	
703/450			450	650											1,27		10,4	£114.84	€ 129.77	
703/5			500	700											1,41		10,8	£117.36	€ 132.62	
703/6			600	800											1,70		12,2	£124.40	€ 140.58	
703/7			700	900											1,98		13,5	£131.45	€ 148.54	
703/800			800	1000											2,26		15,0	£155.86	€ 176.12	
703/900			900	1100											2,56		16,4	£167.63	€ 189.42	

## DOUBLE ACTING STANDARD CYLINDERS [SERIES 700]

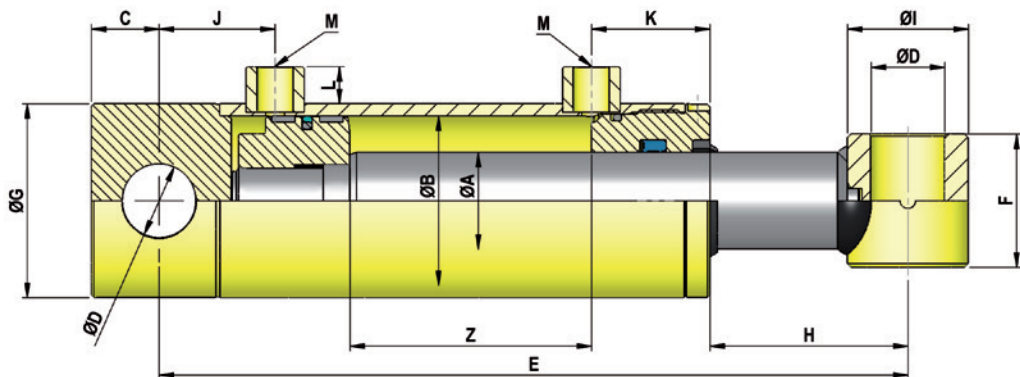
REF.	ø A	ø B	STROKE	E	C	D	F	G	H	I	J	K	L	M BSP	Vol. (L)	Seal Kit	Weight (KG)	NETT. PRICE	
																		£ STERLING	€ EUROS
703/1000	30	60	1000	1200	22	25,25	45	70	83	40	42	45	15	3/8	2,83	J73N	17,8	£174.83	€ 197.55
703/1100			1100	1300											3,11		19,1	£186.39	€ 210.62
703/1200			1200	1400											3,4		20,5	£197.88	€ 223.61
703/1300			1300	1500											3,68		21,9	£209.41	€ 236.64
703/1400			1400	1600											3,96		23,2	£220.92	€ 249.64
703/1500			1500	1700											4,24		24,6	£232.45	€ 262.67
704/100	40	70	100	310	28	30,5	55	80	82	50	48	49	15	3/8	0,39	J74N	8,4	£115.50	€ 130.52
704/2			200	410											0,77		10,0	£121.81	€ 137.65
704/250			250	460											0,96		11,2	£126.91	€ 143.41
704/3			300	510											1,15		11,9	£131.97	€ 149.13
704/350			350	560											1,35		12,9	£137.08	€ 154.90
704/4			400	610											1,54		13,7	£142.13	€ 160.60
704/450			450	660											1,73		15,0	£164.05	€ 185.38
704/5			500	710											1,92		15,6	£152.31	€ 172.11
704/550			550	760											2,12		16,9	£157.25	€ 177.69
704/6			600	810											2,31		17,5	£162.45	€ 183.56
704/7			700	910											2,69		19,4	£172.59	€ 195.03
704/800			800	1010											3,08		21,5	£182.72	€ 206.47
704/900			900	1110											3,46		23,6	£192.86	€ 217.94
704/1000			1000	1210											3,85		25,3	£214.28	€ 242.14
704/1100			1100	1310											4,23		27,4	£225.04	€ 254.29
704/1200			1200	1410											4,62		29,3	£232.48	€ 262.70
704/1300			1300	1510											5,00		31,2	£246.04	€ 278.02
704/1400			1400	1610											5,39		33,1	£259.55	€ 293.29
704/1500			1500	1710											5,77		35,0	£273.04	€ 308.54
705/100	40	80	100	310	58	30,5	55	90	70	50	48	54	15	3/8	0,50	J75N	10,4	£119.27	€ 134.77
705/2			200	410											1,01		12,0	£150.68	€ 170.26
705/250			250	460											1,26		13,0	£156.61	€ 176.97
705/3			300	510											1,51		14,0	£162.53	€ 183.66
705/350			350	560											1,76		15,1	£168.48	€ 190.39
705/4			400	610											2,01		16,0	£174.42	€ 197.09
705/5			500	710											2,51		18,1	£186.25	€ 210.46
705/6			600	810											3,02		20,1	£198.09	€ 223.85
705/7			700	910											3,52		22,1	£209.94	€ 237.23
705/800			800	1010											4,02		24,2	£221.80	€ 250.64
705/900			900	1110											4,52		26,6	£232.82	€ 263.08
705/1000			1000	1210											5,02		28,6	£245.75	€ 277.70
705/1100			1100	1310											5,53		30,5	£260.13	€ 293.94
705/1200			1200	1410											6,03		32,7	£275.44	€ 311.24
705/1300			1300	1510											6,54		34,7	£290.79	€ 328.59
705/1400			1400	1610											7,04		36,7	£306.18	€ 345.98
705/1500			1500	1710											7,54		38,8	£321.52	€ 363.32



# DOUBLE ACTING STANDARD CYLINDERS [SERIES 700]

REF.	ø A	ø B	STROKE	E	C	D	F	G	H	I	J	K	L	M BSP	Vol. (L)	Seal Kit	Weight (KG)	NETT. PRICE		
																			£ STERLING	€ EUROS
708/2	50	90	200	425	28	30,5	70	105	75	60	47	60	15	3/8	1,27	J5090N	19,31	£385.50	€ 435.61	
708/3			300	525											1,90		22,65	£385.50	€ 435.61	
708/4			400	625											2,55		25,98	£385.50	€ 435.61	
708/5			500	725											3,18		29,32	£401.45	€ 453.63	
708/6			600	825											3,82		32,65	£481.09	€ 543.63	
708/7			700	925											4,45		35,99	£522.51	€ 590.44	
706/100	50	100	100	325	28	30,5	70	115	75	60	48	60	17	1/2	0,79	J76N	18,4	£342.14	€ 386.62	
706/200			200	425											1,57		21,8	£182.39	€ 206.10	
706/3			300	525											2,36		25,6	£234.15	€ 264.59	
706/4			400	625											3,14		28,5	£253.25	€ 286.17	
706/5			500	725											3,93		31,4	£272.29	€ 307.68	
706/600			600	825											4,71		35,9	£293.92	€ 332.13	
706/7			700	925											5,50		37,2	£310.45	€ 350.81	
706/800			800	1025											6,28		42,9	£330.40	€ 373.36	
706/9			900	1125											7,07		43,0	£348.65	€ 393.98	
706/1000			1000	1225											7,86		50,0	£367.74	€ 415.55	
706/1100	1100	1325	8,64	53,6	£391.38	€ 442.26														
706/1200	1200	1425	9,43	57,1	£415.98	€ 470.06														
706/1300	1300	1525	10,21	60,6	£440.40	€ 497.65														
706/1400	1400	1625	11,0	64,1	£464.71	€ 525.12														
706/1500	1500	1725	11,78	67,7	£488.94	€ 552.51														
707/400	70	120	400	670	40	40,5	80	140	75	80	65	80	17	1/2	4,52	J77N	54,6	£385.50	€ 435.61	
707/5			500	770											5,65		60,0	£401.45	€ 453.63	
707/600			600	870											6,78		67,0	£481.09	€ 543.63	
707/700			700	970											7,91		73,2	£522.51	€ 590.44	
707/800			800	1070											9,05		80,0	£1,552.11	€ 1,753.88	
707/900			900	1170											10,18		84,4	£1,603.67	€ 1,812.14	
707/10	1000	1270	11,31	90,0	£1,828.23	€ 2,065.90														

- Recuerde consultar nuestras tablas de pandeo al elegir su cilindro.
- Please, consult the buckling chart before choosing your cylinder.
- Veuillez consulter les tableaux de flambage avant de choisir votre vérin.



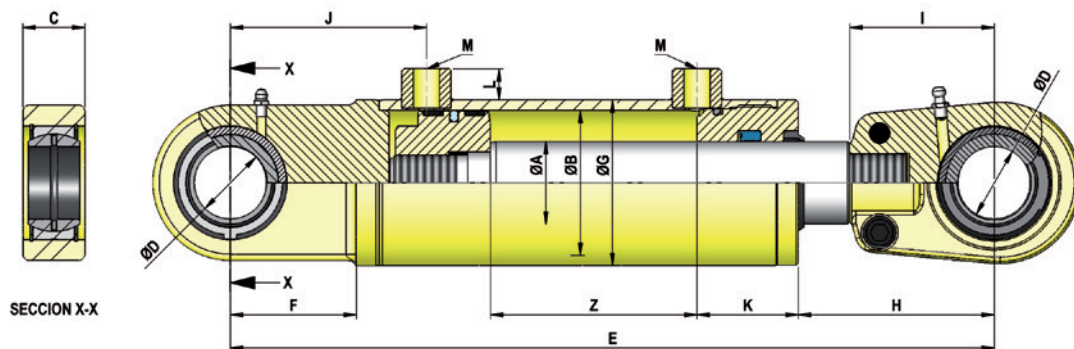


## DOUBLE ACTING STANDARD CYLINDERS [SERIES 1000]

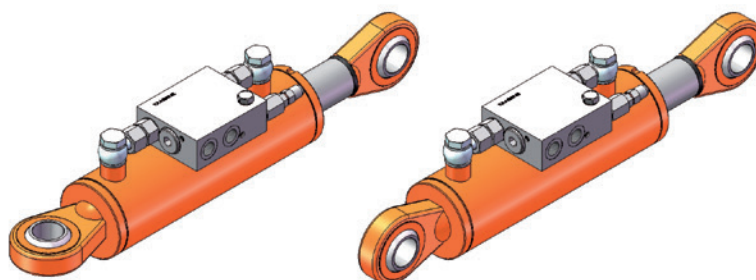
REF.	ø A	ø B	STROKE	E	C	D	F	G	H	I	J	K	L	M BSP	Vol. (L)	Seal Kit	Weight (KG)	NETT. PRICE	
																		£ STERLING	€ EUROS
1000/05	20	32	50	260	19	20	38	40	65	50	63	33	9,5	1/4	0,04	J70N	2,08	£164.77	€ 186.19
1000/10			100	310											0,08		2,38	£163.39	€ 184.63
1000/15			150	360											0,12		2,68	£166.20	€ 187.81
1000/20			200	410											0,16		2,98	£179.29	€ 202.59
1000/30			300	510											0,24		3,28	£184.95	€ 208.99
1008/1	20	40	100	305	19	20	38	50	70	50	67	40	15,0	3/8	0,13	J2040N	3,06	£170.93	€ 193.15
1008/150			150	355											0,19		3,46	£171.49	€ 193.78
1008/2			200	405											0,25		3,86	£174.62	€ 197.31
1001/1	25	40	100	305	19	20	38	50	70	50	67	40	15	3/8	0,13	J71N	3,34	£178.46	€ 201.66
1001/2			200	405											0,25		4,28	£169.92	€ 192.01
1001/3			300	505											0,38		5,23	£187.17	€ 211.51
1001/4			400	605											0,50		6,18	£200.33	€ 226.37
1001/5			500	705											0,63		7,13	£208.52	€ 235.63
1009/1	25	50	100	320	23	25	45	60	71	50	76	43	15	3/8	0,20	J2550N	4,36	£190.11	€ 214.83
1009/150			150	370											0,29		4,89	£191.34	€ 216.22
1009/2			200	420											0,39		5,42	£184.20	€ 208.15
1009/250			250	470											0,49		5,95	£194.55	€ 219.85
1002/1	30	50	100	320	23	25	45	60	71	50	76	43	15	3/8	0,20	J72N	4,44	£201.76	€ 227.99
1002/150			150	370											0,29		5,17	£205.91	€ 232.67
1002/2			200	420											0,39		5,62	£198.49	€ 224.30
1002/250			250	470											0,49		6,40	£214.18	€ 242.02
1002/3			300	520											0,59		6,80	£218.35	€ 246.73
1002/350			350	570											0,69		7,63	£224.87	€ 254.10
1002/4			400	620											0,79		7,98	£231.36	€ 261.43
1002/450			450	670											0,89		8,86	£235.12	€ 265.68
1002/5			500	720											0,98		9,16	£238.88	€ 269.93
1002/6			600	820											1,18		10,34	£249.96	€ 282.46
1002/7			700	920											1,37		11,52	£271.74	€ 307.07
1002/800			800	1020											1,57		13,16	£290.55	€ 328.32
1003/1	30	60	100	340	28	30	51	70	83	60	82	45	15	3/8	0,28	J73N	6,15	£200.80	€ 226.91
1003/2			200	440											0,57		7,51	£228.74	€ 258.48
1003/3			300	540											0,85		8,87	£239.82	€ 271.00
1003/4			400	640											1,13		10,23	£248.15	€ 280.41
1003/5			500	740											1,41		11,59	£252.87	€ 285.74
1003/6			600	840											1,70		12,95	£277.44	€ 313.51
1003/7			700	940											1,98		14,31	£288.21	€ 325.68

# DOUBLE ACTING STANDARD CYLINDERS [SERIES 1000]

REF.	ø A	ø B	STROKE	E	C	D	F	G	H	I	J	K	L	M BSP	Vol. (L)	Seal Kit	Weight (KG)	NETT. PRICE		
																			£ STERLING	€ EUROS
1004/2	40	70	200	470	30	35	61	80	95		70	94	49	3/8	0,77	J74N	11,03	£265.87	€ 300.43	
1004/3			300	570											1,15		12,94	£287.58	€ 324.97	
1004/4			400	670											1,54		14,85	£308.30	€ 348.38	
1004/5			500	770											1,92		16,76	£322.44	€ 364.36	
1004/6			600	870											2,31		18,67	£331.88	€ 375.03	
1004/7			700	970											2,69		20,58	£391.76	€ 442.68	
1004/800			800	1070											3,07		22,33	£451.61	€ 510.31	
1005/2	40	80	200	480	30	35	61	90	93		70	94	54	3/8	1,01	J75N	12,95	£292.41	€ 330.43	
1005/3			300	580											1,51		14,98	£331.46	€ 374.55	
1005/4			400	680											2,01		17,01	£342.11	€ 386.59	
1005/5			500	780											2,51		19,04	£351.69	€ 397.41	
1005/6			600	880											3,01		21,07	£415.47	€ 469.49	
1005/7			700	980											3,51		23,10	£432.87	€ 489.15	
1006/3	50	100	300	625	35	40	69	115	118		85	104	60	1/2	2,36	J76N	26,37	£494.92	€ 559.26	
1006/4			400	725											3,14		29,89	£534.92	€ 604.46	
1006/5			500	825											3,93		33,41	£567.53	€ 641.30	
1006/600			600	925											4,71		36,89	£604.15	€ 682.69	
1006/7			700	1025											5,50		40,45	£640.76	€ 724.06	
1006/9			900	1225											7,07		47,49	£738.11	€ 834.06	
1007/5	70	125	500	920	40	50	88	145	137		105	141	80	3/4	6,18	J70125	65,70	£1,316.44	€ 1,487.57	
1007/10			1000	1420											12,36		97,45	£1,690.20	€ 1,909.92	

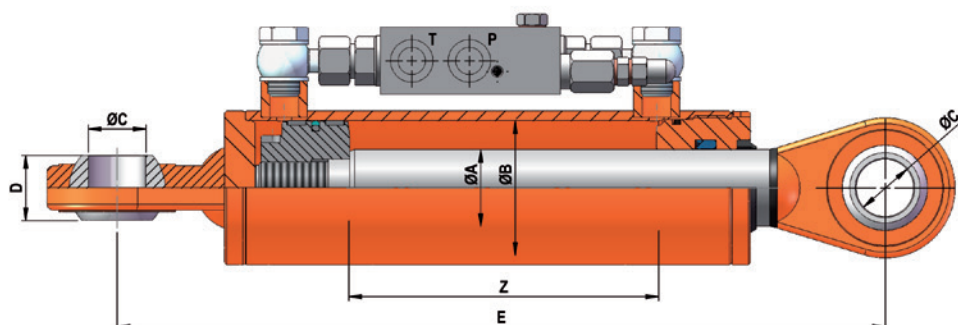


## TURN-OVER PLOUGH CYLINDER



VERSION "ESTANDAR"

VERSION "L"



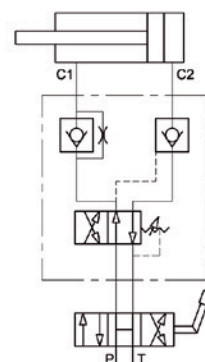
- Funcionan en circuitos de simple efecto y doble efecto.
- They work both with Single and Double acting circuits.
- Ils fonctionnent dans des circuits à simple et double effet.

REF.	ø A	ø B	STROKE	C	D	E	Vol. (L)	Weight (KG)	NETT. PRICE	
									£ STERLING	€ EUROS
3050176 (L)	30	50	176	30	34	400	0,35	8,4	£503.80	€ 569.29
4070160 (L)	40	70	160	30	34	400	0,62	11,58	£530.15	€ 599.06
4080160 (L)	40	80	160	30	34	400	0,80	13,17	£600.14	€ 678.16

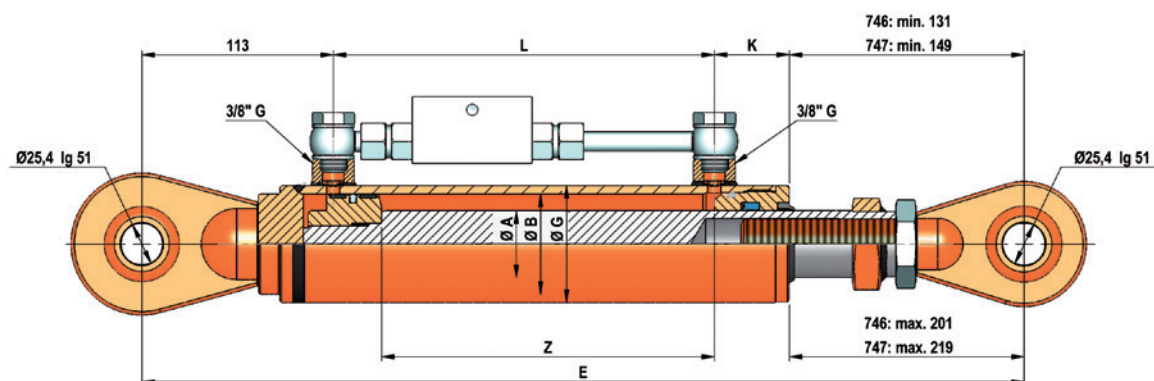
REF.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
1200-0	2 x hose R2AT 3/8" x 1,2mts + 90° swivel female 3/8" + parallel male 1/2".	£28.08	€ 31.73
11603	Metal-rubber washers 1/2"	£0.71	€ 0.81
NV08M	Male quick-release coupling 1/2"	£9.57	€ 10.81

REF.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
1300-0	2 x hose R2AT 3/8" 1,3mts + 90° swivel female 3/8" + parallel male 1/2".	£29.11	€ 32.89
11603	Metal-rubber washers 1/2"	£0.71	€ 0.81
NV08M	Male quick-release coupling 1/2"	£9.57	€ 10.81

Esquema hidráulico válvula  
Valve hydraulic diagram  
Schéma hydraulique de la valve



# HYDRAULIC TOP LINK



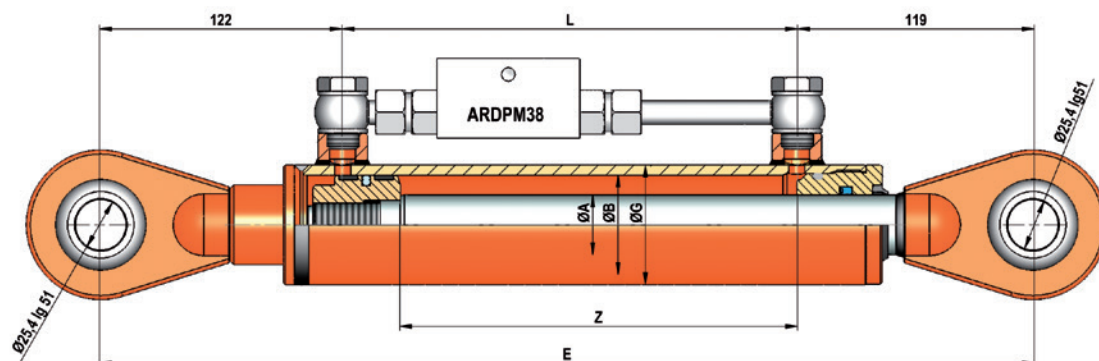
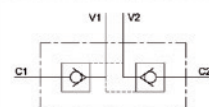
REF.	ø A	ø B	STROKE	E	G	K	L	Weight (KG)	Seal Kit	NETT. PRICE
746AAR	40	60	200	518	70	45	229	9,93	J4060N	£ STERLING € EUROS
746BAR	40	60	250	568	70	45	279	10,93		£371.73 € 420.06
746CAR	40	60	300	618	70	45	329	11,80		£377.44 € 426.51
747AAR	45	70	200	544	80	49	231	12,21	J4570N	£382.99 € 432.78
747BAR	45	70	250	594	80	49	281	13,36		£412.57 € 466.20
747CAR	45	70	300	644	80	49	331	14,51		£433.20 € 489.51
										£435.99 € 492.67

- Opción: Sin montar conjunto válvula antirretorno doble pilotada.  
Gran robustez ofreciendo alta resistencia a los choques.  
Longitud entre centros regulable por rotula roscada

- Option: Without dual pilot operated check valve set.  
Sturdy construction, high shock resistance.  
Screw-adjustable closed length

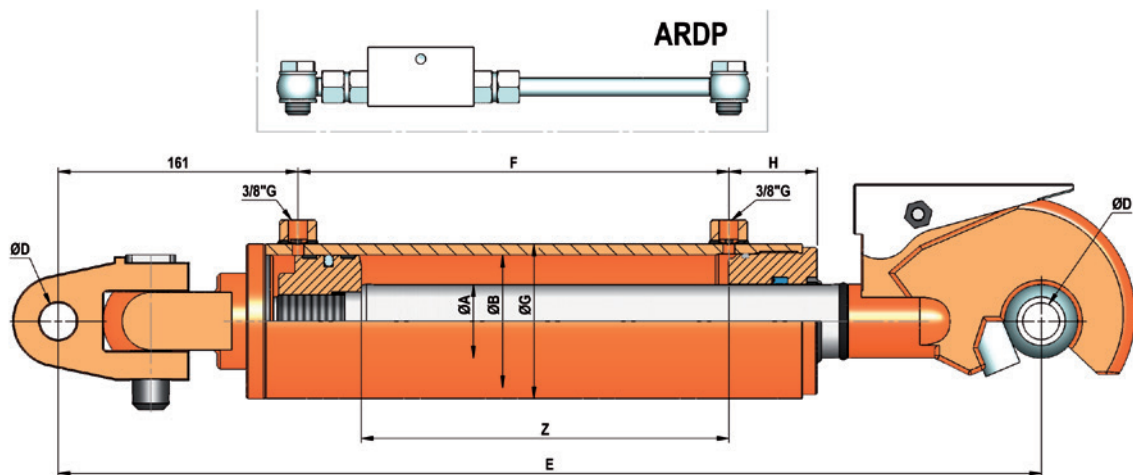
- Option: Sans clapet double piloté.  
Construction robuste, offrant une haute résistance aux chocs.  
Distance entre les centres réglable par rotule filetée.

Esquema hidráulico válvula  
Valve hydraulic diagram  
Schéma hydraulique de la valve



REF.	ø A	ø B	ø G	STROKE	E	NETT. PRICE
745AAR	30	50	60	200	470	£333.47 € 376.82
745DAR	30	50	60	280	550	£345.21 € 390.09

## HYDRAULIC TOP LINK-AUTOMATIC HITCH



REF.	ø A	ø B	STROKE	E	F	G	H	ø D	VOL. (L)	Weight (KG)	NETT. PRICE	
											£ STERLING	€ EUROS
845A25	45	70	210	610	241	80	49	25	0,81	21,3	£662.35	€ 748.46
845A28								32		21,5	£689.09	€ 778.68
845A32								25		21,5	£663.95	€ 750.26
845B25								22,2		£669.01	€ 755.98	
845B28	50	90	250	650	281	80	49	28	0,81	22,4	£695.74	€ 786.19
845B32								32		22,4	£670.59	€ 757.77
850A25			210	625	252	105	60	25	0,81	28,0	£788.93	€ 891.49
850A28								28		28,2	£809.81	€ 915.09
850A32								32		28,2	£784.65	€ 886.66
850B25			250	665	292	105	60	25	0,81	29,4	£809.97	€ 915.27
850B28	28	29,6						£830.84		€ 938.85		
850B32	32	29,6						£805.70		€ 910.44		

• Opción: conjunto válvula antirretorno doble pilotada (ref. ARDP). Incluye cadena.

• Option: dual pilot operated check valve set (Ref. ARDP). Chain inclusive

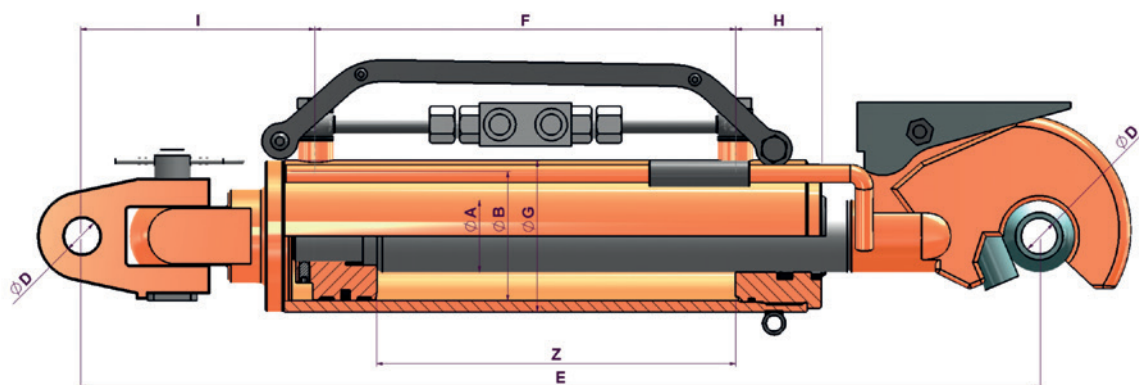
• Option: Clapet double piloté (Ref. ARDP). Chaîne y compris

REF.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
0900-14	2 x hose R2AT 3/8" 0,9mts. +90° swivel female 3/8" – parallel male 1/2".		
11603	metal-rubber washers 1/2"		
NV08M	male quick-release coupling 1/2"		
S8021717G	male-male coupling 3/8"		
11602	male-male coupling 3/8"		

Opción / option / facultatif:  
Conjunto latiguillo / Hose kit /  
Ensemble flexible



## HYDRAULIC TOP LINK-AUTOMATIC HITCH



REF.	ø A	ø B	STROKE	E	F	G	H	I	ø D	VOL. (L)	Weight (KG)	NETT. PRICE	
850BSP	50	90	250	665	292	105	60	161	32	1,59	29	£ STERLING	€ EUROS
												£906.11	€ 1,023.90

### Incluye:

- Antirretorno doble pilotado.
- Sistema de anclaje a tractor (cuando está desenganchado del apero). Sistema reversible
- Regla de profundidad

### Including:

- Dual pilot operated check valve.
- Tractor anchoring system when unhooked to the tool. Reversible system.
- Depth measuring ruler.

### Y compris :

- Clapet double piloté.
- Système de fixation à tracteur quand décroché de l'outil. Système réversible.
- Règle pour mesurer la profondeur.

## PNEUMATIC-RELEASE CYLINDER

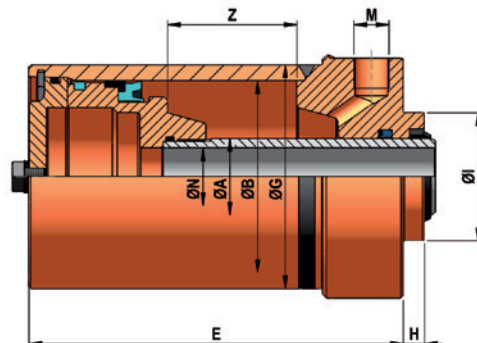
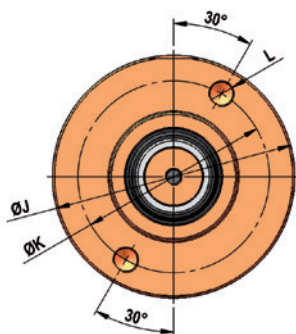
REF.	ø A	ø B	STROKE	E	ø G	H	ø I	ø N	ø J	ø K	L	M BSP	Weight (KG)	NETT. PRICE	
DE0361000090Z00A	36	100	90	206	115	10	60	27	114	90	M12 x 22	3/8	9,5	£ STERLING	€ EUROS
DE0361100090Z00A	36	110	90	206	125	10	60	27	125	90	M12 x 22	3/8	11	£441.88	€ 499.33

### Hydraulic Auto Reset

There are several types of safety devices in ploughs, like shearbolt protection, shearbolt with cushioning, semiautomatic system, mechanical auto reset and hydraulic auto reset. The latter are the ones we will talk about.

The advantage on this safety system is that works on overloads, and the plough body frame comes to its working position when the overload stops by means of a hydraulic cylinder connected to an accumulator.

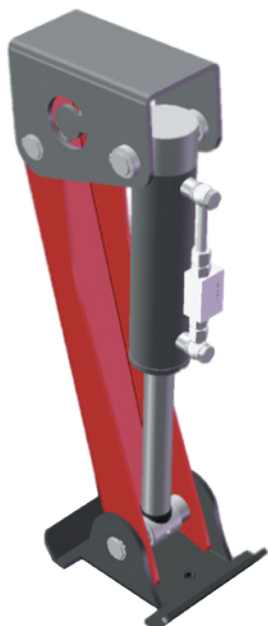
This system enables not to stop plowing, as the body frame will raise when finding an obstacle and come down to its position once the obstacle is overtaken. This means a considerable saving of time as it is not necessary to stop the tractor and change shearbolts, or stop plowing and backtrack to lower the body frame in semiautomatic systems.





## 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: -30°C a 90°C
- Mineral hydraulic oil

### WELDING

- Do not Weld on the cylinder.  
To weld on any other component, please take pieces apart first.

### RECOMMENDATIONS

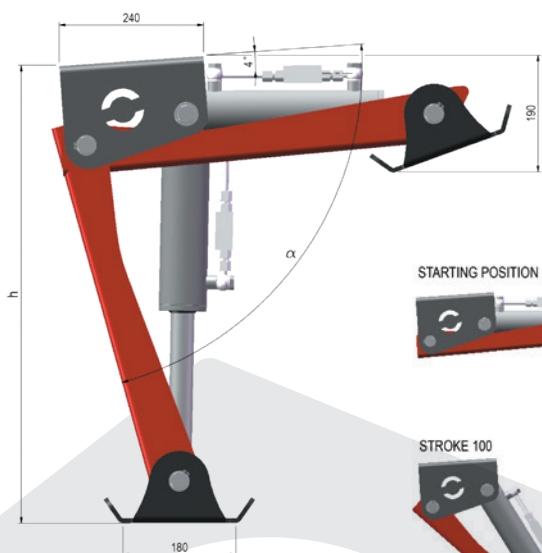
- Check the oil cleanliness (pollution).
- Grease frequently.
- Check that there are no obstacles blocking the free movement of parts

### 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	£221.30	€ 250.07
ZZ007305	FOLDING HYDRAULIC CRUTCH WITH CYLINDER PISTON 80MM	1.01 LITRE	£232.54	€ 262.77

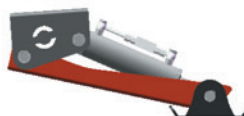


POSITION	$\alpha$	HEIGHT h (mm.)	LOAD PHR70 (kg.)	LOAD PHR80 (kg.)
STARTING	1°	180	-	-
STROKE 25	16°	352	3500	4500
STROKE 50	27°	459	5000	6600
STROKE 100	45°	586	6800	8800
STROKE 150	62°	695	7500	9800
STROKE 200	78°	759	7600	10000

STARTING POSITION



STROKE 25



STROKE 50



STROKE 100

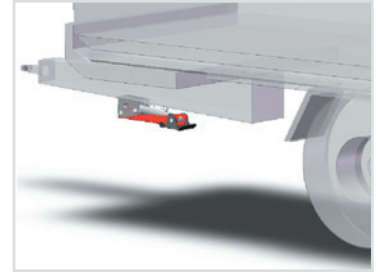
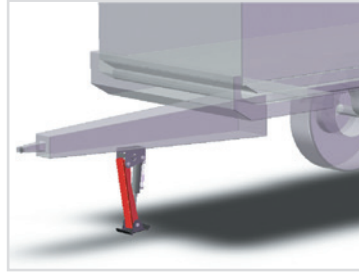
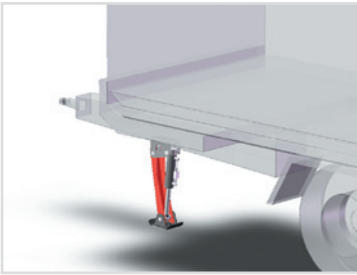
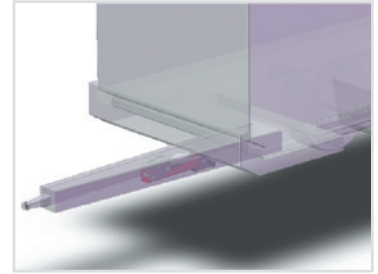
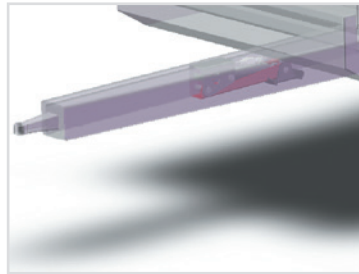
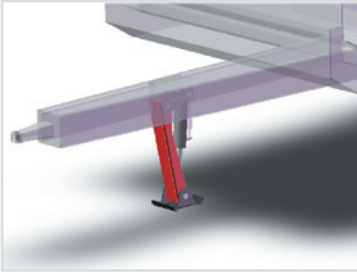


STROKE 150



STROKE 200





**BESPOKE  
CYLINDERS  
AVAILABLE**

**PLEASE CALL OR  
EMAIL THE SALES  
TEAM FOR MORE  
INFORMATION**

# **FLOWFIT HYDRAULIC DOUBLE PILOT OPERATED CHECK VALVE KIT FOR DOUBLE ACTING CYLINDER**



PART NO	CYLINDER SIZE	DPO	PORT SIZES	NETT PRICE	
				£ STERLING	€ EUROS
D/ACYLDPOKIT32/200	32mm Bore x 200mm Stroke	20 L/min	1/4" BSP	£55.70	€ 62.94
D/ACYLDPOKIT32/300	32mm Bore x 300mm Stroke	20 L/min	1/4" BSP	£55.70	€ 62.94
D/ACYLDPOKIT32/400	32mm Bore x 400mm Stroke	20 L/min	1/4" BSP	£55.70	€ 62.94
D/ACYLDPOKIT32/500	32mm Bore x 500mm Stroke	20 L/min	1/4" BSP	£55.70	€ 62.94
D/ACYLDPOKIT32/600	32mm Bore x 600mm Stroke	20 L/min	1/4" BSP	£55.70	€ 62.94
D/ACYLDPOKIT32/700	32mm Bore x 700mm Stroke	20 L/min	1/4" BSP	£55.70	€ 62.94
D/ACYLDPOKIT40/200	40mm Bore x 200mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT40/300	40mm Bore x 300mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT40/400	40mm Bore x 400mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT40/500	40mm Bore x 500mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT40/600	40mm Bore x 600mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT40/700	40mm Bore x 700mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT50/200	50mm Bore x 200mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT50/300	50mm Bore x 300mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT50/400	50mm Bore x 400mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT50/500	50mm Bore x 500mm Stroke	30 L/min	3/8" BSP	£64.32	€ 72.68
D/ACYLDPOKIT50/600	50mm Bore x 600mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT50/700	50mm Bore x 700mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT60/200	60mm Bore x 200mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT60/300	60mm Bore x 300mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT60/400	60mm Bore x 400mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT60/500	60mm Bore x 500mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT60/600	60mm Bore x 600mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT60/700	60mm Bore x 700mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT70/200	70mm Bore x 200mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT70/210	70mm Bore x 210mm Stroke	30 L/min	3/8" BSP	£52.59	€ 59.43
D/ACYLDPOKIT70/250	70mm Bore x 250mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT70/300	70mm Bore x 300mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT70/400	70mm Bore x 400mm Stroke	30 L/min	3/8" BSP	£64.32	€ 72.68
D/ACYLDPOKIT70/500	70mm Bore x 500mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT70/600	70mm Bore x 600mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT70/700	70mm Bore x 700mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT80/200	80mm Bore x 200mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT80/300	80mm Bore x 300mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT80/400	80mm Bore x 400mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT80/500	80mm Bore x 500mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT80/600	80mm Bore x 600mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT80/700	80mm Bore x 700mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT90/200	90mm Bore x 200mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT90/210	90mm Bore x 210mm Stroke	30 L/min	3/8" BSP	£52.59	€ 59.43
D/ACYLDPOKIT90/250	90mm Bore x 250mm Stroke	30 L/min	3/8" BSP	£52.59	€ 59.43
D/ACYLDPOKIT90/300	90mm Bore x 300mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT90/400	90mm Bore x 400mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT90/500	90mm Bore x 500mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT90/600	90mm Bore x 600mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT90/700	90mm Bore x 700mm Stroke	30 L/min	3/8" BSP	£44.80	€ 50.63
D/ACYLDPOKIT100/200	100mm Bore x 200mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT100/300	100mm Bore x 300mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT100/400	100mm Bore x 400mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT100/500	100mm Bore x 500mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT100/600	100mm Bore x 600mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT100/700	100mm Bore x 700mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT120/200	120mm Bore x 200mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT120/300	120mm Bore x 300mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT120/400	120mm Bore x 400mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT120/500	120mm Bore x 500mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT120/600	120mm Bore x 600mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70
D/ACYLDPOKIT120/700	120mm Bore x 700mm Stroke	50 L/min	1/2" BSP	£115.67	€ 130.70

## ACCESSORIES

### GREASE NIPPLE



PART NO	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
GREASE_NIPPLE	Grease Nipple To Suit Hydraulic Cylinder, M8x1,25	£0.54	€ 0.61

### COMPLETE SEAL KIT TO SUIT HYDRAULIC DOUBLE ACTING CYLINDER



PART NO	TO SUIT	NETT. PRICE	
		£ STERLING	€ EUROS
SEALKIT D/A 20-32	20mm Rod - 32mm Bore	£15.92	€ 17.99
SEALKIT D/A 25-40	25mm Rod - 40mm Bore	£13.10	€ 14.81
SEALKIT D/A 30-60	30mm Rod - 60mm Bore	£20.29	€ 22.92
SEALKIT D/A 30-50	30mm Rod - 50mm Bore	£13.59	€ 15.35
SEALKIT D/A 40-70	40mm Rod - 70mm Bore	£19.17	€ 21.67
SEALKIT D/A 40-80	40mm Rod - 80mm Bore	£19.56	€ 22.10
SEALKIT D/A 50-100	50mm Rod - 100mm Bore	£24.95	€ 28.19
SEALKIT D/A 70-120	70mm Rod - 120mm Bore	£88.40	€ 99.89

# FLOWFIT LOG SPLITTER KITS

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BUILD YOUR OWN LOG SPLITTER KITS	426
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LOG SPLITTER KIT WITH AUTO KICKOUT LEVER VALVE	431



**FROM  
ONLY  
£779.47  
+VAT**



**FROM  
ONLY  
£533.61  
+VAT**



**QUALITY PRODUCTS**



**FREE ADVICE**

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

## FLOWFIT LOG SPLITTER KITS

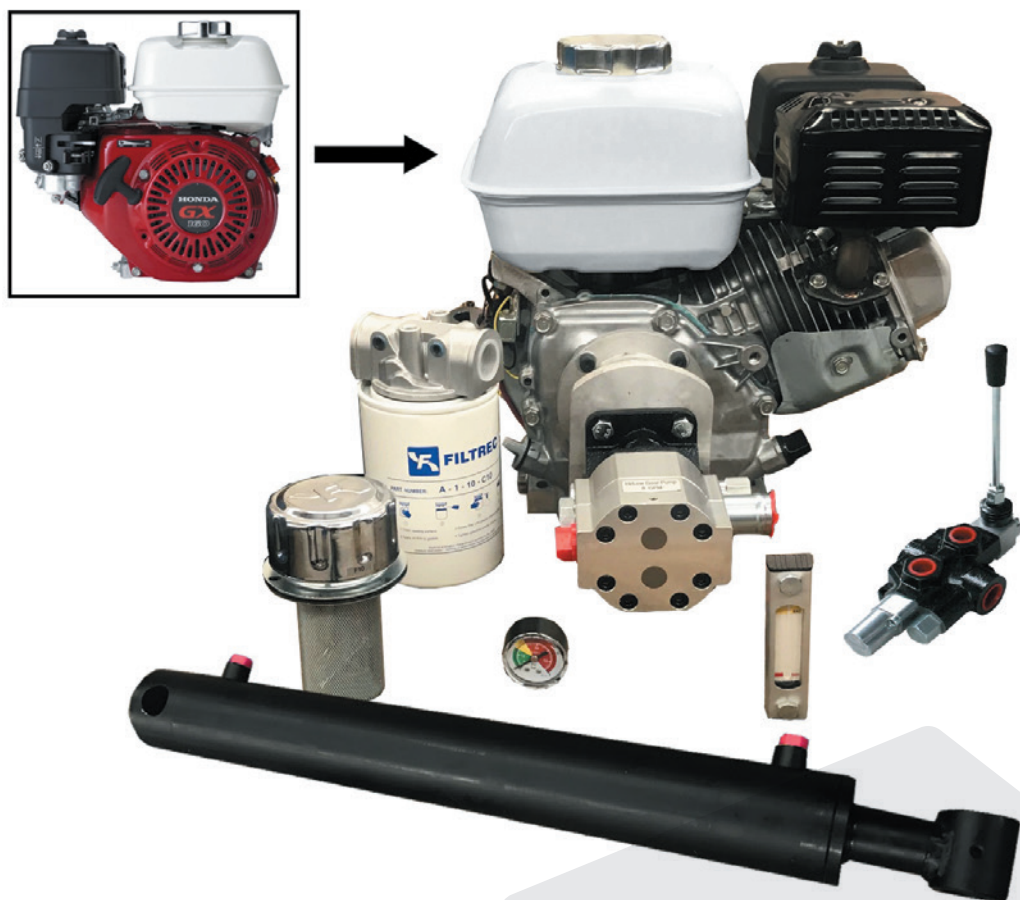
Flowfit offer a range of Log-Splitting Components to suit a variety of size requirements and performances. The components can be sized to suit portable Petrol Motor units and Tractor PTO set-ups. The petrol units have four basic sizes –

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](http://www.flowfitonline.com)  
TECH. DATA SHEET  
**LSK01**





PART NUMBER	DESCRIPTION	NETT PRICE	
		£ STERLING	€ EUROS
ZZ004719	5.5HP HONDA LOG SPLITTER KIT INCL. FLOWFIT AUTO KICKOUT LEVER VALVE 7.7 TON FORCE	£779.47	€ 880.80

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING**

**ZZ004719 5.5HP HONDA LOG SPLITTER KIT**

ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
704/5	Hydraulic Double Acting Cylinder 70mm Bore x 40mm Rod x 500mm Stroke	1
FT8F10BS0800	Filler Breather, 6 Hole, 10 Micron with Flange & Basket, No Pressure Valve	1
FL2M12	Filtrec Hydraulic Level Indicator, M12 X 1.75 Thread. 157mm	1
A110C10	Filtrec Replacement Element A110C10 for FA-1 Spin-On Filter	1
GPCBN080PC	8 Gpm Hydraulic Two Stage Hi-Low Gear Pump at 3600 Rpm	1
BHE112/045A	Bell Housing for Hi-Lo Pump to Honda Engine GX120, GX160, GX200 and Loncin Engine G120, G160, G200	1
R9	R9 Indicator for FA-1-41	1
HC219MC048	Drive Coupling Engine Half	1
HC212HB035	Drive Coupling Pump Half	1
ER200	Drive Coupling Spider	1
GX200UT2QX4OH	Genuine Honda 6.5 HP Single Cylinder 4 Stroke Air Cooled Petrol Engine, Recoil Start, Horizontal Mount (Red)	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-200 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	NETT PRICE	
		£ STERLING	€ EUROS
ZZ004720	9.5HP HONDA LOG SPLITTER KIT INCL. FLOWFIT AUTO KICKOUT LEVER VALVE 10 TON FORCE	£1,065.02	€ 1,203.47

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING**

**ZZ004720 9.5HP HONDA LOG SPLITTER KIT**

ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
705/5	Hydraulic Double Acting Cylinder 80mm Bore x 40mm Rod x 500mm Stroke	1
FT8F10BS0800	Filler Breather, 6 Hole, 10 Micron with Flange & Basket, No Pressure Valve	1
FL2M12	Filtrec Hydraulic Level Indicator, M12 X 1.75 Thread. 157mm	1
A110C10	Filtrec Replacement Element A110C10 for FA-1 Spin-On Filter	1
GPCBN110PC	11 Gpm Hydraulic Two Stage Hi-Low Gear Pump at 3600 Rpm	1
BHE152/045A	Bell Housing for Hi-Lo Pump to Honda Engine GX240, GX270 GX340, GX390 and Loncin Engine G240, G270, G340, G390	1
R9	R9 Indicator for FA-1-41	1
HC325NC048	Drive Coupling Engine Half	1
HC312HB035	Drive Coupling Pump Half	1
ER300	Drive Coupling Spider	1
GX270UT2QXQ4OH	Genuine Honda 9.5 HP Single Cylinder 4 Stroke Air Cooled Petrol Engine, Recoil Start, Horizontal Mount (Red)	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-200 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	NETT PRICE	
		£ STERLING	€ EUROS
ZZ004721	13HP HONDA LOG SPLITTER KIT INCL. FLOWFIT AUTO KICKOUT LEVER VALVE 17.5 TON FORCE	£1,325.21	€ 1,497.48

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING****ZZ004721 13HP HONDA LOG SPLITTER KIT**

ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
708/6	Hydraulic Double Acting Cylinder 90mm Bore x 50mm Rod x 600mm Stroke	1
FT8F10BS0800	Filler Breather, 6 Hole, 10 Micron with Flange & Basket, No Pressure Valve	1
FL2M12	Filtrec Hydraulic Level Indicator, M12 X 1.75 Thread. 157mm	1
A120C10	Filtrec Replacement Element A120C10 for FA-1 Spin-On Filter	1
GPCBN160PC	16 Gpm Hydraulic Two Stage Hi-Low Gear Pump at 3600 Rpm	1
BHE152/045A	Bell Housing for Hi-Lo Pump to Honda Engine GX240, GX270 GX340, GX390 and Loncin Engine G240, G270, G340, G390	1
R9	R9 Indicator for FA-1-41	1
HC325NC048	Drive Coupling Engine Half	1
HC312HB035	Drive Coupling Pump Half	1
ER300	Drive Coupling Spider	1
GX390UT2QXQ4OH	Genuine Honda 13 HP Single Cylinder 4 Stroke Air Cooled Petrol Engine, Recoil Start, Horizontal Mount (Red)	1
R1	R1 INDICATOR TO SUIT FILTREC	1
GX390UT2QXQ4	13HP HONDA PETROL ENGINE	1

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-200 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	NETT PRICE	
		£ STERLING	€ EUROS
ZZ004722	20HP HONDA LOG SPLITTER KIT INCL. FLOWFIT AUTO KICKOUT LEVER VALVE 22.5 TON FORCE	£2,722.07	€ 3,075.94

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING****ZZ004722 20HP HONDA LOG SPLITTER KIT**

ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
707/5	Hydraulic Double Acting Cylinder 120mm Bore x 70mm Rod x 500mm Stroke	1
FT8F10BS0800	Filler Breather, 6 Hole, 10 Micron with Flange & Basket, No Pressure Valve	1
FL3M10	Filtrec Hydraulic Level Indicator, M10 X 1.5 Thread, with Temperature Gauge, 284mm	1
A120C10	Filtrec Replacement Element A120C10 for FA-1 Spin-On Filter	1
GPCBN220PC	22 Gpm Hydraulic Two Stage Hi-Low Gear Pump at 3600 Rpm	1
BHE152/045A	Bell Housing for Hi-Lo Pump to Honda Engine GX240, GX270 GX340, GX390 and Loncin Engine G240, G270, G340, G390	1
R9	R9 Indicator for FA-1-41	1
GX630-F-M	20HP Honda Engine with Recoil and Electric Start Q Shaft	1
06183-Z6L-B0F-L	Exhaust to Suit GX630 Left	1
ZZ007054	Honda GX630 to HI-LO 22GPM	1
06183-Z6L-B0F-L	EXHAUST TO SUTI GX630 LEFT	1

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-200 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	NETT PRICE	
		£ STERLING	€ EUROS
ZZ001080	5.5HP LONCIN LOG SPLITTER KIT INCL. FLOWFIT AUTO KICKOUT LEVER VALVE 7.7 TON FORCE	£533.61	€ 602.98

#### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

##### ZZ001080 5.5HP LONCIN LOG SPLITTER KIT

ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
704/5	Hydraulic Double Acting Cylinder 70mm Bore x 40mm Rod x 500mm Stroke	1
FT8F10BS0800	Filler Breather, 6 Hole, 10 Micron with Flange & Basket, No Pressure Valve	1
FL2M12	Filtrec Hydraulic Level Indicator, M12 X 1.75 Thread. 157mm	1
A110C10	Filtrec Replacement Element A110C10 for FA-1 Spin-On Filter	1
GPCBN080PC	8 Gpm Hydraulic Two Stage Hi-Low Gear Pump at 3600 Rpm	1
BHE112/045A	Bell Housing for Hi-Lo Pump to Honda Engine GX120, GX160, GX200 and Loncin Engine G120, G160, G200	1
R9	R9 Indicator for FA-1-41	1
HC219MC048	Drive Coupling Engine Half	1
HC212HB035	Drive Coupling Pump Half	1
ER200	Drive Coupling Spider	1
G160F-P	Loncin 5.5 HP Single Cylinder 4 Stroke Air Cooled Petrol Engine	1

#### OPERATIONAL DETAILS

At 3000 rpm and 3045 psi-200 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	NETT PRICE	
		£ STERLING	€ EUROS
ZZ001081	9HP LONCIN LOG SPLITTER KIT INCL. FLOWFIT AUTO KICKOUT LEVER VALVE 10 TON FORCE	£713.32	€ 806.05

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING****ZZ001081 9HP LONCIN LOG SPLITTER KIT**

ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
705/5	Hydraulic Double Acting Cylinder 80mm Bore x 40mm Rod x 500mm Stroke	1
FT8F10BS0800	Filler Breather, 6 Hole, 10 Micron with Flange & Basket, No Pressure Valve	1
FL2M12	Filtrec Hydraulic Level Indicator, M12 X 1.75 Thread. 157mm	1
A110C10	Filtrec Replacement Element A110C10 for FA-1 Spin-On Filter	1
GPCBN110PC	11 Gpm Hydraulic Two Stage Hi-Low Gear Pump at 3600 Rpm	1
BHE152/045A	Bell Housing for Hi-Lo Pump to Honda Engine GX240, GX270 GX340, GX390 and Loncin Engine G240, G270, G340, G390	1
R9	R9 Indicator for FA-1-41	1
HC319MC048	Drive Coupling Engine Half	1
HC312HB035	Drive Coupling Pump Half	1
ER300	Drive Coupling Spider	1
G270F-P	Loncin 9 HP Single Cylinder 4 Stroke Air Cooled Petrol Engine	1

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-200 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	NETT PRICE	
		£ STERLING	€ EUROS
ZZ001082	13HP LONCIN LOG SPLITTER KIT INCL. FLOWFIT AUTO KICKOUT LEVER VALVE 17.5 TON FORCE	£810.34	€ 915.68

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING****ZZ001082 13HP LONCIN LOG SPLITTER KIT**

ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
708/5	Hydraulic Double Acting Cylinder 90mm Bore x 50mm Rod x 500mm Stroke	1
FT8F10BS0800	Filler Breather, 6 Hole, 10 Micron with Flange & Basket, No Pressure Valve	1
FL2M12	Filtrec Hydraulic Level Indicator, M12 X 1.75 Thread. 157mm	1
A120C10	Filtrec Replacement Element A120C10 for FA-1 Spin-On Filter	1
GPCBN160PC	16 Gpm Hydraulic Two Stage Hi-Low Gear Pump at 3600 Rpm	1
BHE152/045A	Bell Housing for Hi-Lo Pump to Honda Engine GX240, GX270 GX340, GX390 and Loncin Engine G240, G270, G340, G390	1
R9	R9 Indicator for FA-1-41	1
HC325NC048	Drive Coupling Engine Half	1
HC312HB035	Drive Coupling Pump Half	1
ER300	Drive Coupling Spider	1
G390F-P	Loncin 13 HP Single Cylinder 4 Stroke Air Cooled Petrol Engine	1

**OPERATIONAL DETAILS**

At 3000 rpm and 3045 psi-200 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	NETT PRICE	
		£ STERLING	€ EUROS
ZZ004717	20HP LONCIN V TWIN ENGINE LOG SPLITTER KIT INCL. FLOWFIT AUTO KICKOUT LEVER VALVE 22.5 TON FORCE	£1,637.21	€ 1,850.05

**LOGSPLITTER KIT COMPRISES OF THE FOLLOWING****ZZ004717 20HP HONDA LOG SPLITTER KIT**

ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
707/5	Hydraulic Double Acting Cylinder 120mm Bore x 70mm Rod x 500mm Stroke	1
FT8F10BS0800	Filler Breather, 6 Hole, 10 Micron with Flange & Basket, No Pressure Valve	1
FL3M10	Filtrec Hydraulic Level Indicator, M10 X 1.5 Thread, with Temperature Gauge, 284mm	1
A120C10	Filtrec Replacement Element A120C10 for FA-1 Spin-On Filter	1
GPCBN220PC	22 Gpm Hydraulic Two Stage Hi-Low Gear Pump at 3600 Rpm	1
LC2V78FD	Loncin 19.7 HP Single Cylinder 4 Stroke Air Cooled Petrol Engine	1
R9	R9 Indicator for FA-1-41	1
ZZ007054	Honda GX630 to HI-LO 22GPM	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-200 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.

## BUILD YOUR OWN LOG SPLITTER KITS



Build your own hydraulic log splitter Kits are ideally suited to a variety of hydraulic supply lines such as tractor pto gearbox, petrol or diesel engine, or even a static electric motor driven pump set. At 3000 rpm and 3045 psi - 200 bar this system will give 7.7 tons approx. of cutting force.

### AT 3000 RPM AND 3045 PSI - 200 BAR THIS SYSTEM WILL GIVE 7.7 TONS

#### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ002439 LOG SPLITTER KIT		
ZZ011699	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting 3 Position Spring Return Lever Operated Hydraulic Monoblock Valve	1
704/4	Hydraulic Double Acting Cylinder, 70mm Bore x 40mm Rod x 400mm Stroke	1
HOSE-VNK-06	2 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSP Female 90° one end and 3/8" BSP Female Straight on the other end	2
HOSE-VNK-06	1 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSP Female 90° one end and 3/8" BSP Female Straight on the other end	2
BUR00014	3/8" x 3/8" BSP Male/Male Adaptors	6
BUR00015	3/8" x 1/2" BSP Male/Male Adaptors	2
QRCISOAM12	1/2" BSP ISO A QRC Male	2
QRCISOAF12	1/2" BSP ISO A QRC Female	2
BS38SC	3/8" Bonded Seal Self Centre	6
BS12SC	1/2" Bonded Seal Self Centre	2

PART NUMBER	
ZZ002439	
DESCRIPTION	
OG SPLITTER KIT with a FLOWFIT DOUBLE ACTING VALVE, 7.7 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£160.97	€ 181.89





## AT 3000 RPM AND 3045 PSI - 200 BAR THIS SYSTEM WILL GIVE 10 TONS

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ002488 LOG SPLITTER KIT		
ZZ011699	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting 3 Position Spring Return Lever Operated Hydraulic Monoblock Valve	1
705/5	Hydraulic Double Acting Cylinder, 80mm Bore x 40mm Rod x 500mm Stroke	1
HOSE-VNK-06	2 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSPP Female 90° one end and 3/8" BSP Female Straight on the other end	2
HOSE-VNK-06	1 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSP Female 90° one end and 3/8" BSP Female Straight on the other end	2
BUR00014	3/8" x 3/8" BSP Male/Male Adaptors	6
BUR00015	3/8" x 1/2" BSP Male/Male Adaptors	2
QRCISOAM12	1/2" BSP ISO A QRC Male	2
QRCISOAF12	1/2" BSP ISO A QRC Female	2
BS38SC	3/8" Bonded Seal Self Centre	6
BS12SC	1/2" Bonded Seal Self Centre	2

PART NUMBER	
ZZ002488	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT DOUBLE ACTING VALVE, 10 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£168.68	€ 190.61



NEW  
PRODUCT

## AT 3000 RPM AND 3045 PSI - 200 BAR THIS SYSTEM WILL GIVE 15.7 TONS

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ002489 LOG SPLITTER KIT		
ZZ011699	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting 3 Position Spring Return Lever Operated Hydraulic Monoblock Valve	1
706/5	Hydraulic Double Acting Cylinder, 100mm Bore x 50mm Rod x 500mm Stroke	1
HOSE-VNK-06	2 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSPP Female 90° one end and 3/8" BSP Female Straight on the other end	2
HOSE-VNK-06	1 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSP Female 90° one end and 3/8" BSP Female Straight on the other end	2
BUR00014	3/8" x 3/8" BSP Male/Male Adaptors	4
BUR00015	3/8" x 1/2" BSP Male/Male Adaptors	4
QRCISOAM12	1/2" BSP ISO A QRC Male	2
QRCISOAF12	1/2" BSP ISO A QRC Female	2
BS38SC	3/8" Bonded Seal Self Centre	4
BS12SC	1/2" Bonded Seal Self Centre	4

PART NUMBER	
ZZ002489	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT DOUBLE ACTING VALVE, 15.7 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£237.04	€ 267.85



NEW  
PRODUCT

## AT 3000 RPM AND 3045 PSI - 200 BAR THIS SYSTEM WILL GIVE 22 TONS

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ002590 LOG SPLITTER KIT		
ZZ011699	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting 3 Position Spring Return Lever Operated Hydraulic Monoblock Valve	1
707/5	Hydraulic Double Acting Cylinder, 120mm Bore x 70mm Rod x 500mm Stroke	1
HOSE-VNK-06	2 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSPP Female 90° one end and 3/8" BSP Female Straight on the other end	2
HOSE-VNK-06	1 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSP Female 90° one end and 3/8" BSP Female Straight on the other end	2
BUR00014	3/8" x 3/8" BSP Male/Male Adaptors	6
BUR00015	3/8" x 1/2" BSP Male/Male Adaptors	2
QRCISOAM12	1/2" BSP ISO A QRC Male	2
QRCISOAF12	1/2" BSP ISO A QRC Female	2
BS38SC	3/8" Bonded Seal Self Centre	6
BS12SC	1/2" Bonded Seal Self Centre	2

PART NUMBER	
ZZ002590	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT DOUBLE ACTING VALVE, 22.5 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£466.36	€ 526.98



NEW  
PRODUCT





## AT 3000 RPM AND 3045 PSI - 200 BAR THIS SYSTEM WILL GIVE 7.7 TONS

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ002439 LOG SPLITTER KIT		
ZZ05421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
704/5	Hydraulic Double Acting Cylinder, 70mm Bore x 40mm Rod x 500mm Stroke	1
HOSE-VNK-06	2 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSPP Female 90° one end and 3/8" BSP Female Straight on the other end	2
HOSE-VNK-06	1 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSP Female 90° one end and 3/8" BSP Female Straight on the other end	2
BUR00014	3/8" x 3/8" BSP Male/Male Adaptors	2
BUR00015	3/8" x 1/2" BSP Male/Male Adaptors	4
QRCISOAM12	1/2" BSP ISO A QRC Male	2
QRCISOAF12	1/2" BSP ISO A QRC Female	2
BS38SC	3/8" Bonded Seal Self Centre	2
BS12SC	1/2" Bonded Seal Self Centre	6
BS34SC	3/4" Bonded Seal Self Centre	2

PART NUMBER	
ZZ002438	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT AUTO KICK OUT LEVER VALVE, 7.7 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£190.73	€ 215.53

## AT 3000 RPM AND 3045 PSI - 200 BAR THIS SYSTEM WILL GIVE 10 TONS

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ002490 LOG SPLITTER KIT		
ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
705/5	Hydraulic Double Acting Cylinder, 80mm Bore x 40mm Rod x 500mm Stroke	1
HOSE-VNK-06	2 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSPP Female 90° one end and 3/8" BSP Female Straight on the other end	2
HOSE-VNK-06	1 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSP Female 90° one end and 3/8" BSP Female Straight on the other end	2
BUR00014	3/8" x 3/8" BSP Male/Male Adaptors	6
BUR00015	3/8" x 1/2" BSP Male/Male Adaptors	2
QRCISOAM12	1/2" BSP ISO A QRC Male	2
QRCISOAF12	1/2" BSP ISO A QRC Female	2
BS38SC	3/8" Bonded Seal Self Centre	6
BS12SC	1/2" Bonded Seal Self Centre	2

PART NUMBER	
ZZ002490	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT AUTO KICK OUT LEVER VALVE, 10 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£198.45	€ 224.25

## AT 3000 RPM AND 3045 PSI - 200 BAR THIS SYSTEM WILL GIVE 15.7 TONS

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ002491 LOG SPLITTER KIT		
ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
706/5	Hydraulic Double Acting Cylinder, 100mm Bore x 50mm Rod x 500mm Stroke	1
HOSE-VNK-06	2 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSPP Female 90° one end and 3/8" BSP Female Straight on the other end	2
HOSE-VNK-06	1 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSP Female 90° one end and 3/8" BSP Female Straight on the other end	2
BUR00015	3/8" x 1/2" BSP Male/Male Adaptors	4
BUR00017	3/8" x 3/4" BSP Male/Male Adaptors	4
QRCISOAM12	1/2" BSP ISO A QRC Male	2
QRCISOAF12	1/2" BSP ISO A QRC Female	2
BS12SC	1/2" Bonded Seal Self Centre	2

PART NUMBER	
ZZ002491	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT AUTO KICK OUT LEVER VALVE, 15.7 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£266.81	€ 301.49

## AT 3000 RPM AND 3045 PSI - 200 BAR THIS SYSTEM WILL GIVE 22 TONS

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ002491 LOG SPLITTER KIT		
ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
707/5	Hydraulic Double Acting Cylinder, 120mm Bore x 70mm Rod x 500mm Stroke	1
HOSE-VNK-06	2 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSPP Female 90° one end and 3/8" BSP Female Straight on the other end	2
HOSE-VNK-06	1 Metre Lengths of Flowfit 3/8" Hydraulic Hose with 3/8" BSP Female 90° one end and 3/8" BSP Female Straight on the other end	2
BUR00015	3/8" x 1/2" BSP Male/Male Adaptors	8
BUR00023	1/2" x 3/4" BSP Male/Male Adaptors	4
QRCISOAM12	1/2" BSP ISO A QRC Male	2
QRCISOAF12	1/2" BSP ISO A QRC Female	2
BS12SC	1/2" Bonded Seal Self Centre	2
BS38SC	3/8" Bonded Seal Self Centre	6

PART NUMBER	
ZZ002589	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT AUTO KICK OUT LEVER VALVE, 22.5 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£496.13	€ 560.62



## LOG SPLITTER KIT WITH A FLOWFIT DOUBLE ACTING LEVER VALVE FOR A HONDA / LONCIN ENGINE GX160/GX200. SUITABLE FOR A 7.7 TON FORCE

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ003617 LOG SPLITTER KIT		
ZZ011699	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting 3 Position Spring Return Lever Operated Hydraulic Monoblock Valve	1
704/5	Hydraulic Double Acting Cylinder, 70mm Bore x 40mm Rod x 500mm Stroke	1
BHE111C02	Bell Housing Group 1 Petrol Engine	1
ER100	Group 1 Drive Coupling Spider	1
1SPA3,2D10GGO	3.2CC/REV Group 1 Pump Clockwise	1
HC101A	Drive Coupling Half	1
HC119MC050	Engine Half Coupling 19.05mm	1

PART NUMBER	
ZZ003617	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT AUTO KICK OUT LEVER VALVE, 7.7 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£245.86	€ 277.82

## LOG SPLITTER KIT WITH A FLOWFIT DOUBLE ACTING LEVER VALVE FOR A HONDA / LONCIN ENGINE GX160/GX200. SUITABLE FOR A 10 TON FORCE

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ005077 LOG SPLITTER KIT		
ZZ011699	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting 3 Position Spring Return Lever Operated Hydraulic Monoblock Valve	1
705/5	Hydraulic Double Acting Cylinder, 80mm Bore x 40mm Rod x 500mm Stroke	1
BHE152C04	Bell Housing Group 2 Petrol Engine	1
ER300	Group 3 Drive Coupling Spider	1
2SPA6D10G	Hydraulic Gear Pump, STD Group 2 BSP Threaded Ports 1 1:8 Taper 4 Bolt Flange 6CC, Clockwise	1
HC302AB	Drive Coupling Half	1
HC325NC048	Engine Half Coupling	1

PART NUMBER	
ZZ005077	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT DOUBLE ACTING VALVE FOR A HONDA/LONCIN ENGINE, 10 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£299.88	€ 338.86

## LOG SPLITTER KIT WITH A FLOWFIT DOUBLE ACTING LEVER VALVE FOR A HONDA / LONCIN ENGINE GX160/GX200. SUITABLE FOR A 15.7 TON FORCE

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ005078 LOG SPLITTER KIT		
ZZ011699	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting 3 Position Spring Return Lever Operated Hydraulic Monoblock Valve	1
706/5	Hydraulic Double Acting Cylinder, 100mm Bore x 50mm Rod x 500mm Stroke	1
BHE152C04	Bell Housing Group 2 Petrol Engine	1
ER300	Group 3 Drive Coupling Spider	1
2SPA6D10G	Hydraulic Gear Pump, STD Group 2 BSP Threaded Ports 1 1:8 Taper 4 Bolt Flange 6CC, Clockwise	1
HC302AB	Drive Coupling Half	1
HC325NC048	Engine Half Coupling	1

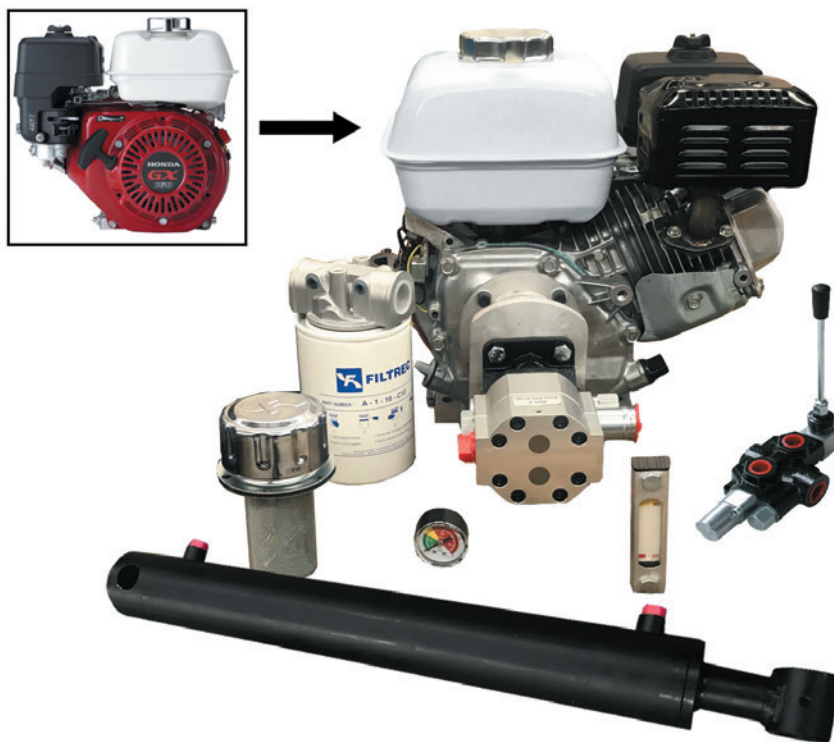
PART NUMBER	
ZZ005078	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT DOUBLE ACTING VALVE FOR A HONDA/LONCIN ENGINE, 17.5 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£366.03	€ 413.61

## LOG SPLITTER KIT WITH A FLOWFIT DOUBLE ACTING LEVER VALVE FOR A HONDA / LONCIN ENGINE GX160/GX200. SUITABLE FOR A 22 TON FORCE

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ005079 LOG SPLITTER KIT		
ZZ011699	Flowfit 1 Bank, 3/8" BSP, 45 L/Min Double Acting 3 Position Spring Return Lever Operated Hydraulic Monoblock Valve	1
707/5	Hydraulic Double Acting Cylinder, 120mm Bore x 70mm Rod x 500mm Stroke	1
BHE152C04	Bell Housing Group 2 Petrol Engine	1
ER300	Group 3 Drive Coupling Spider	1
2SPA6D10G	Hydraulic Gear Pump, STD Group 2 BSP Threaded Ports 1 1:8 Taper 4 Bolt Flange 6CC, Clockwise	1
HC302AB	Drive Coupling Half	1
HC325NC048	Engine Half Coupling	1

PART NUMBER	
ZZ005079	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT DOUBLE ACTING VALVE FOR A HONDA/LONCIN ENGINE, 22.5 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£545.74	€ 616.68



## LOG SPLITTER KIT WITH A FLOWFIT AUTO KICKOUT LEVER VALVE FOR A HONDA / LONCIN ENGINE GX160/GX200. SUITABLE FOR A 7.7 TON FORCE

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ003615 LOG SPLITTER KIT		
ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
704/5	Hydraulic Double Acting Cylinder, 70mm Bore x 40mm Rod x 500mm Stroke	1
BHE111C02	Bell Housing Group 1 Petrol Engine	1
ER100	Group 1 Drive Coupling Spider	1
1SPA3,2D10GGO	3.2CC/REV Group 1 Pump Clockwise	1
HC101A	Drive Coupling Half	1
HC119MC050	Engine Half Coupling 19.05mm	1

PART NUMBER	
ZZ003615	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT AUTO KICK OUT LEVER VALVE, 7.7 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£275.63	€ 311.46

## LOG SPLITTER KIT WITH A FLOWFIT AUTO KICKOUT LEVER VALVE FOR A HONDA / LONCIN ENGINE GX160/GX200. SUITABLE FOR A 10 TON FORCE

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ003616 LOG SPLITTER KIT		
ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
705/5	Hydraulic Double Acting Cylinder, 80mm Bore x 40mm Rod x 500mm Stroke	1
BHE152C04	Bell Housing Group 2 Petrol Engine	1
2SPA6D10G	Hydraulic Gear Pump, STD Group 2 BSP Threaded Ports 1 1:8 Taper 4 Bolt Flange 6CC, Clockwise	1
HC302AB	Drive Coupling Half	1
HC325NC048	Engine Half Coupling	1

PART NUMBER	
ZZ003616	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT AUTO KICK OUT LEVER VALVE, 10 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£329.65	€ 372.50

## LOG SPLITTER KIT WITH A FLOWFIT AUTO KICKOUT LEVER VALVE FOR A HONDA / LONCIN ENGINE GX160/GX200. SUITABLE FOR A 15.7 TON FORCE

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ005074 LOG SPLITTER KIT		
ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
706/5	Hydraulic Double Acting Cylinder, 100mm Bore x 50mm Rod x 500mm Stroke	1
BHE152C04	Bell Housing Group 2 Petrol Engine	1
2SPA6D10G	Hydraulic Gear Pump, STD Group 2 BSP Threaded Ports 1 1:8 Taper 4 Bolt Flange 6CC, Clockwise	1
HC302AB	Drive Coupling Half	1
HC325NC048	Engine Half Coupling	1
ER300	Group 3 Drive Coupling Spider	1

PART NUMBER	
ZZ005074	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT AUTO KICK OUT LEVER VALVE, 15.7 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£395.80	€ 447.25

## LOG SPLITTER KIT WITH A FLOWFIT AUTO KICKOUT LEVER VALVE FOR A HONDA / LONCIN ENGINE GX160/GX200. SUITABLE FOR A 22 TON FORCE

### LOGSPLITTER KIT COMPRISES OF THE FOLLOWING

ZZ005074 LOG SPLITTER KIT		
ZZ005421	Flowfit 1 Bank, 3/4" BSP, 80 L/Min Log Splitter Auto Kick Out, Hydraulic Monoblock Valve	1
707/5	Hydraulic Double Acting Cylinder, 120mm Bore x 70mm Rod x 500mm Stroke	1
BHE111C02	Bell Housing Group 1 Petrol Engine	1
1SPA3,2D10GGO	3.2CC/REV Group 1 Pump Clockwise	1
HC101A	Drive Coupling Half	1
HC119MC050	Engine Half Coupling	1
ER100	Group 1 Drive Coupling Spider	1

PART NUMBER	
ZZ005075	
DESCRIPTION	
LOG SPLITTER KIT with a FLOWFIT AUTO KICK OUT LEVER VALVE, 22.5 TON FORCE	
NETT PRICE	
£ STERLING	€ EUROS
£575.51	€ 650.32

## LOG SPLITTER VALVES

### 1 BANK, 3/4" BSP, 80 L/MIN AUTO KICK OUT, LOG SPLITTER LEVER VALVE



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ005421	FLOWFIT 1 BANK, 3/4" BSP, 80 L/MIN AUTO KICK OUT, LOG SPLITTER LEVER VALVE	250	£52.95	€ 59.84

### 1 BANK 3/8" BSP, AUTO KICK OUT LOG SPLITTER LEVER VALVE



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ001069	Galtech Q25 1 Bank 3/8" BSP, 40 L/Min, Auto Kick Out Log Splitter Lever Valve	350	£121.28	€ 137.04

### 1 BANK 1/2" BSP, AUTO KICK OUT LOG SPLITTER LEVER VALVE



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ001855	Galtech Q75 1 Bank 1/2" BSP, 80 L/Min, Auto Kick Out Log Splitter Lever Valve	350	£152.15	€ 171.92

### 1 BANK 3/4" BSP, AUTO KICK OUT LOG SPLITTER LEVER VALVE



PART NO	DESCRIPTION	MAX PRESSURE BAR	NETT PRICE	
			£ STERLING	€ EUROS
ZZ001852	Galtech Q95 1 Bank 3/4" BSP, 120 L/Min, Auto Kick Out Log Splitter Lever Valve	350	£174.20	€ 196.84



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# MECHANICAL CLUTCHES

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FLANGES TO SUIT SERIES 30500 MECHANICAL CLUTCH	439



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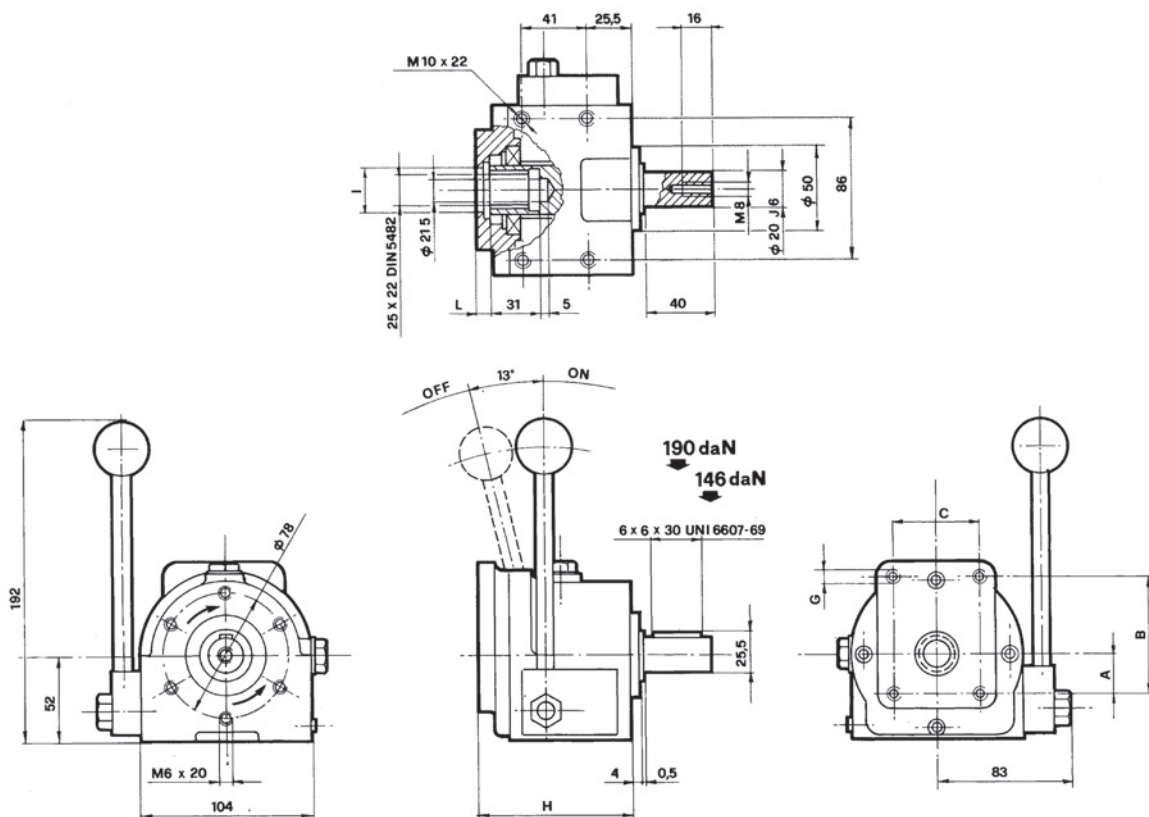


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# SERIES 30100 MECHANICAL CLUTCH GROUP 1 AND GROUP 2 • 30KW

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TECH. DATA SHEET  
**MC01**



The mechanical couplings with two direction arrows are REVERSIBLE

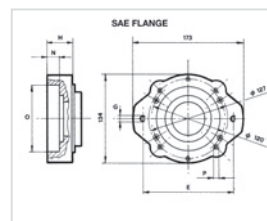
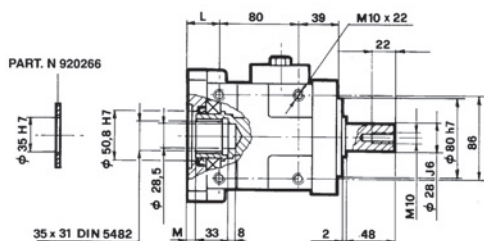
NOMINAL TORQUE		MAX. SPEED		MAX. POWER OUTPUT		AXIAL LOAD			
9 daNm		2000 RPM		Kw 30		120 daN			
PART NUMBER	DIRECTION OF ROTATION	PUMP GROUP	A	B	C	G	H	I	L
30100	REVERSIBLE	European Group 1+2	26.3	72	52.4	M6x12	92.5	25.4 H	7
30103	CLOCKWISE	European Group 1+2	32.5	96	71.4	M8x15	95.5	36.5 H7	10
30104	ANTICLOCKWISE								

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
25 - 30100	Mechanical Clutch Reversible for European Group 1 and Group 2 Pumps	£208.74	€ 235.88
25 - 30103	Mechanical Clutch Clockwise for European Group 1 and Group 2 Pumps	£208.74	€ 235.88
25 - 30104	Mechanical Clutch Anticlockwise for European Group 1 and Group 2 Pumps	£208.74	€ 235.88

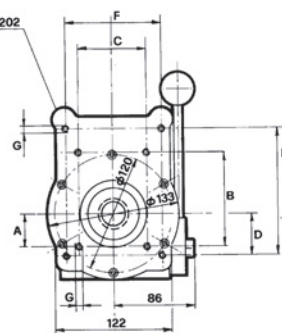
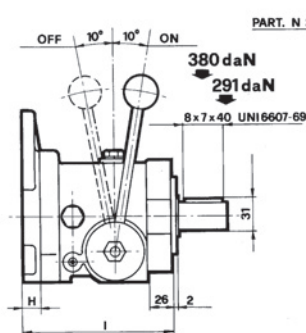
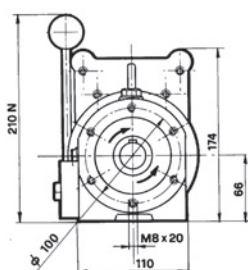
If the part number needed is not listed please ask the Flowfit Sales Team

# SERIES 30300 MECHANICAL CLUTCH GROUP 2 AND GROUP 3 • 40KW

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TECH. DATA SHEET  
**MC02**



The mechanical couplings with two direction arrows are REVERSIBLE



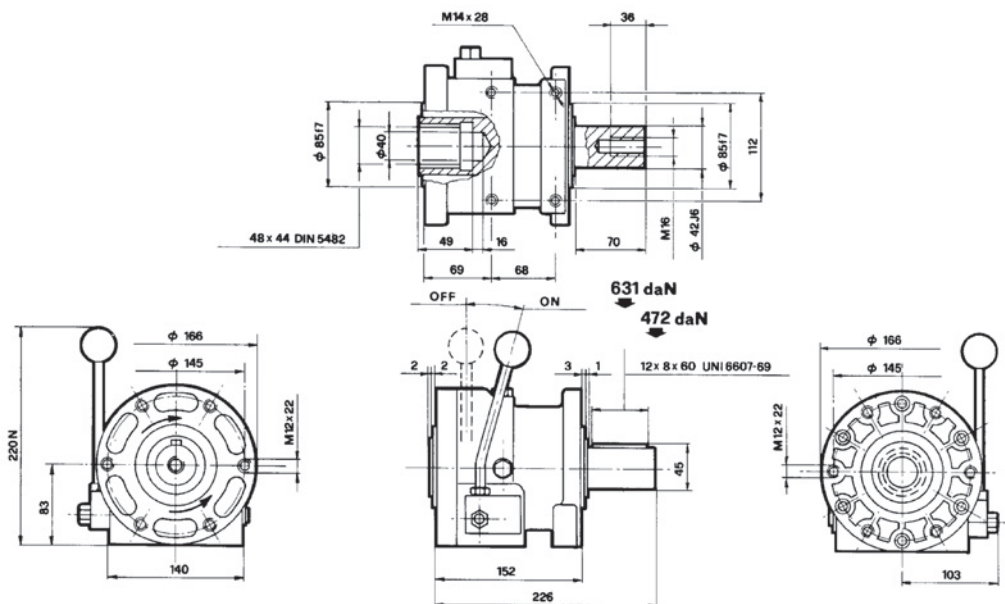
NOMINAL TORQUE			MAX. SPEED				MAX. POWER OUTPUT					AXIAL LOAD				
18,5 daNm			2700 RPM				Kw 40					160 daN				
PART NUMBER	DIRECTION OF ROTATION	PUMP GROUP	A	B	C	D	E	F	G	H	I	L	M	N	O H7	P
26 - 30300	REVERSIBLE	European Group 2 + 3	32.5	96	71.4	42.5	128	98.4	M8x15	19	151	32	8.6			
26 - 30301	CLOCKWISE															
26 - 30202	ANTICLOCKWISE															
26 - 30311	REVERSIBLE	SAE A 2 + 4 BOLT					106.4		M10x22	34	166	47	23.6	15	82.55	
26 - 30303	CLOCKWISE															
26 - 30304	ANTICLOCKWISE															
26 - 30312	REVERSIBLE	SAE B 2 + 4 BOLT					146		M12x22	39	171	52	28.6	20	101.6	M12x22
26 - 30305	CLOCKWISE															
26 - 30306	ANTICLOCKWISE															

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
26 - 30300	Mechanical Clutch Reversible for European Group 2 and Group 3 Pumps	£287.14	€ 324.47
26 - 30301	Mechanical Clutch Clockwise for European Group 2 and Group 3 Pumps	£287.14	€ 324.47
26 - 30302	Mechanical Clutch Anticlockwise for European Group 2 and Group 3 Pumps	£287.14	€ 324.47
26 - 30303	Mechanical Clutch Clockwise for SAE A Pumps	£320.88	€ 362.59
26 - 30304	Mechanical Clutch Anticlockwise SAE A Pumps	£287.14	€ 324.47
26 - 30305	Mechanical Clutch Clockwise for SAE B Pumps	£287.14	€ 324.47
26 - 30306	Mechanical Clutch Anticlockwise SAE B Pumps	£287.14	€ 324.47
26 - 30311	Mechanical Clutch Reversible SAE A Pumps	£302.73	€ 342.08
26 - 30312	Mechanical Clutch Reversible SAE B Pumps	£302.73	€ 342.08

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		

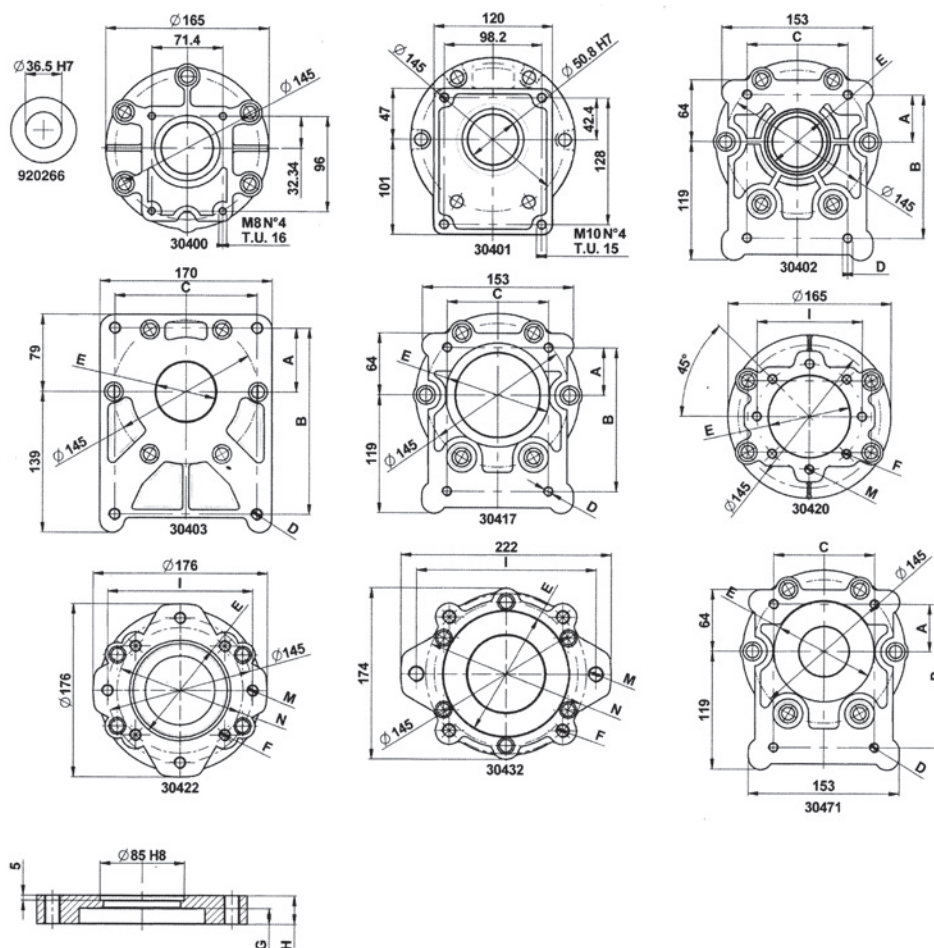
PART NUMBER	PUMP FLANGE TYPE	A	B	C	D	EH 7	FG	H	I	L	M	N
30400	European Group 2							17	21			
30401	European Group 3							21	23			
30402	European Group 3 + 5	49.3	149.5	114.3	M10x20	60.3		11.5	24			
30403	European Group 4	64.5	188	143	M12x22	63.5		16	23			
30417	BOSCH Group 3	48	145	102	M10x15	105		12	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	£619.90	€ 700.49
27 - 30501	Mechanical Clutch Clockwise European Group 3.5 without Flange	£619.90	€ 700.49
27 - 30502	Mechanical Clutch Anticlockwise European Group 3.5 without Flange	£619.90	€ 700.49

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**

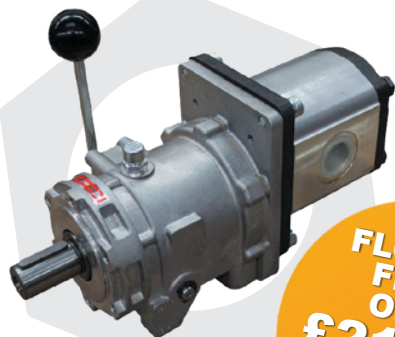


PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
28 - 30400	European Group 2 Flange C/W +socket capscsrews	£75.04	€ 84.80
28 - 30401	European Group 3 Flange C/W +socket capscsrews	£70.06	€ 79.16
28 - 30402	European Group 3 + 5 Flange +socket capscsrews	£67.57	€ 76.35
28 - 30403	European Group 4 Flange +socket capscsrews	£65.64	€ 74.17
28 - 30417	Bosch Group 3 Flange +socket capscsrews	£85.90	€ 97.07
28 - 30420	SAE A 2 BOLT Flange C/W +socket capscsrews	£67.55	€ 76.33
28 - 30421	SAE B 2 BOLT Flange C/W +socket capscsrews	£117.75	€ 133.05
28 - 30422	SAE B 4 BOLT Flange C/W +socket capscsrews	£84.25	€ 95.20
28 - 30431	SAE C 2 BOLT Flange C/W +socket capscsrews	£85.90	€ 97.07
28 - 30432	SAE C 4 BOLT Flange C/w +socket capscsrews	£85.90	€ 97.07
28 - 30471	3PL Ultra/Dowty Flange	£79.16	€ 89.45



# FLOWFIT MECHANICAL CLUTCH AND HYDRAULIC PUMP ASSEMBLIES

PRODUCT	PAGE
GROUP 1 - 8.6L/MIN TO 17.64L/MIN	441
GROUP 2 - 18L/MIN TO 46.8L/MIN	442
GROUP 3 - 46.8L/MIN TO 79.2L/MIN	443



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## HYDRAULIC MECHANICAL CLUTCH AND PUMP ASSEMBLIES

Our Hydraulic Mechanical Clutch and Pump assemblies are supplied as standard with a Clockwise rotation pump, the Mechanical clutches used in the assembly are Bi-rotational/Reversible, this meaning if your application requires an anti-clockwise pump, the pump rotation can be changed to suit. When engaging and disengaging the pump the directional valve in the hydraulic circuit must be in the exhaust position so not under load and at a speed not over 1800 R.P.M.

### 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 continuous 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 note flow rate calculated at 1800 rpm.

Please check with the Technical Sales Office if you are not sure which mechanical clutch to use.

Operating temperature: +80°C -20°C

Axial load: 120 daNm

## FLOWFIT GROUP 1 HYDRAULIC MECHANICAL CLUTCH AND PUMP ASSEMBLY 8.6L/MIN TO 14.4L/MIN



www.flowfitonline.com  
TECH. DATA SHEET  
**RMCPA4**

PART NO.	FLOW @ 1800RPM L/MIN	WORKING PRESSURE BAR	ABSORBED POWER KW	NOMINAL TORQUE DANM	MAX PUMP SPEED	GROUP 1 PUMP CC/REV	NET PRICE	
							£ STERLING	€ EUROS
ZZ009507	8.6 L/Min	200	3.5	1.86	3500	4.8cc	£219.40	€ 247.92
ZZ009508	10.44 L/Min	200	4.4	2.33	3000	5.8cc	£219.40	€ 247.92
ZZ009509	14.4 L/Min	200	5.5	2.91	2100	8cc	£219.40	€ 247.92

## GALTECH GROUP 1 HYDRAULIC MECHANICAL CLUTCH AND PUMP ASSEMBLY 9L/MIN TO 17.64L/MIN



www.flowfitonline.com  
TECH. DATA SHEET  
**RMCPA1**

PART NO.	FLOW @ 1800RPM L/MIN	WORKING PRESSURE BAR	ABSORBED POWER KW	NOMINAL TORQUE DANM	MAX PUMP SPEED	GRP 1 PUMP CC/REV	NETT. PRICE	
							£ STERLING	€ EUROS
ZZ000464	9	200	3.5	1.86	3000	5	£315.53	€ 356.54
ZZ000465	11.34	200	4.4	2.33	2700	6.3	£315.53	€ 356.54
ZZ000466	14.04	200	5.5	2.91	2500	7.8	£315.53	€ 356.54
ZZ000467	17.64	200	6.9	3.66	2000	9.8	£315.53	€ 356.54

## FLOWFIT GROUP 2 HYDRAULIC MECHANICAL CLUTCH AND PUMP ASSEMBLY 18L/MIN TO 46.8L/MIN



www.flowfitonline.com  
TECH. DATA SHEET  
**RMCPA5**

PART NO.	FLOW @ 1800RPM L/MIN	WORKING PRESSURE BAR	POWER KW	NOMINAL TORQUE DANM	MAX PUMP SPEED	GRP 2 PUMP CC/REV	NETT. PRICE	
							£ STERLING	€ EUROS
ZZ009511	18 L/Min	200	6.9	3.66	3000	10cc	£223.81	€ 252.90
ZZ009512	25.2 L/Min	200	9.88	5.24	4000	14cc	£223.81	€ 252.90
ZZ009513	28.8 L/Min	200	11.29	5.98	3500	16cc	£223.81	€ 252.90
ZZ009514	34.2 L/Min	200	13.41	7.11	3500	19cc	£223.81	€ 252.90
ZZ009515	39.6 L/Min	200	15.52	8.23	3500	22cc	£223.81	€ 252.90
ZZ009516	46.8 L/Min	200	18.35	9.73	3500	26cc	£263.50	€ 297.75

## GALTECH GROUP 2 HYDRAULIC MECHANICAL CLUTCH AND PUMP ASSEMBLY 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	MAX PUMP SPEED	GRP 2 PUMP CC/REV	NETT. PRICE	
							£ STERLING	€ EUROS
ZZ000468	19.80	200	7.76	4.12	3500	11	£332.23	€ 375.42
ZZ000469	25.2	200	9.88	5.24	3500	14	£332.23	€ 375.42
ZZ000470	28.8	200	11.29	5.98	3500	16	£332.23	€ 375.42
ZZ000471	34.2	200	13.41	7.11	3300	19.0	£332.23	€ 375.42
ZZ000472	36.9	200	15.52	8.23	2800	22.0	£332.23	€ 375.42
ZZ000473	46.8	200	18.35	9.73	2500	26.0	£332.23	€ 375.42

## FLOWFIT GROUP 3 HYDRAULIC MECHANICAL CLUTCH AND PUMP ASSEMBLY 46.8L/MIN TO 77.4L/MIN



www.flowfitonline.com  
TECH. DATA SHEET  
**RMCPA6**

PART NO.	FLOW @ 1800RPM L/MIN	WORKING PRESSURE BAR	POWER KW	NOMINAL TORQUE DANM	MAX PUMP SPEED	GRP 2 PUMP CC/REV	NETT. PRICE	
							£ STERLING	€ EUROS
ZZ009517	46.8 L/Min	200	18.35	10.86	3000	26cc	£318.62	€ 360.04
ZZ009518	61.2 L/Min	200	24	12.35	3000	34cc	£318.62	€ 360.04
ZZ009519	70.2 L/Min	200	27	13.48	3000	39cc	£318.62	€ 360.04
ZZ009520	77.4 L/Min	200	30	16.48	3000	43cc	£318.62	€ 360.04

## GALTECH GROUP 3 HYDRAULIC MECHANICAL CLUTCH AND PUMP ASSEMBLY 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	MAX PUMP SPEED	GRP 3 PUMP CC/REV	NETT. PRICE	
							£ STERLING	€ EUROS
ZZ000474	52.2	200	20.47	10.86	3300	29.0	£498.42	€ 563.22
ZZ000475	59.4	200	23.29	12.35	3300	33.0	£498.42	€ 563.22
ZZ000476	64.8	200	25.41	13.48	3300	36.0	£498.42	€ 563.22
ZZ000477	79.2	200	31.06	16.48	3000	44	£498.42	€ 563.22

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# PTO GEARBOXES

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SERIES 60000 PTO GEARBOX PUMP GROUP 2, 10KW	446
SERIES 70000 PTO GEARBOX PUMP GROUP 3, 20KW	447
PTO GEARBOX FIXING/WELDING PLATE	447
SERIES 70012 CAST IRON PTO GEARBOX PUMP GROUP 3, 37KW	448



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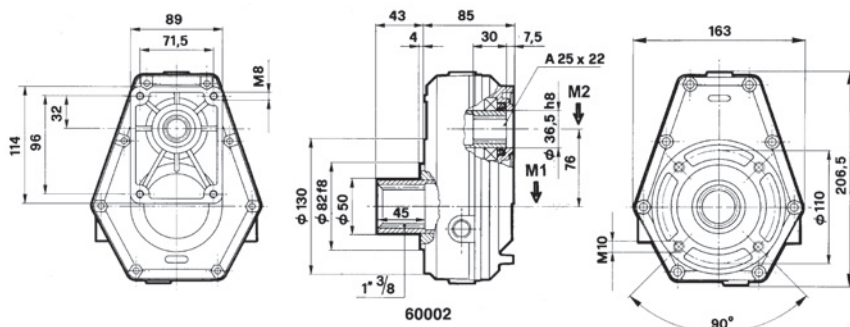
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requirements  
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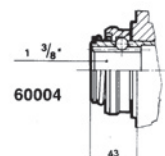
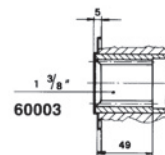
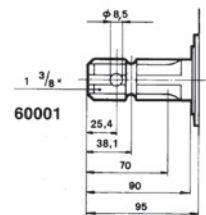
## SERIES 60000 PTO GEARBOX PUMP GROUP 2 • 10KW

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	1836	3,5	10	5,5
15,9	4,2	540	2052	3,8	10	5,5

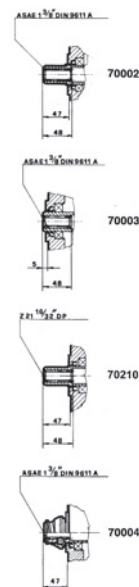


If the part  
number needed  
is not listed  
please ask  
the Flowfit  
Sales Team

FACTORY PREFIX	PTO GEARBOX	RATIO AVAILABLE
33	60001	1,5
	60002	2
	60003	2,5
		3
	60004	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	£133.10	€ 150.40
33 - 60001-6	PTO Gearbox Group 2 Pump Fixing Male Shaft Ratio 1:3.8	£133.10	€ 150.40
33 - 60001-6/0	PTO Gearbox Group 2 Pump Fixing Male Shaft Ratio 1:3.8 with oil level inverted	£117.60	€ 132.89
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	£133.10	€ 150.40
33 - 60002-6	PTO Gearbox Group 2 Female Shaft Long Ratio 1:3.8	£117.60	€ 132.89
33 - 60003-6	PTO Gearbox Group 2 Female Shaft Short Ratio 1:3.8	£117.60	€ 132.89
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	£153.15	€ 173.06
33 - 60004-4	PTO Gearbox Group 2 Female Shaft C/W Quick Release Ratio 1:3	£136.73	€ 154.51
33 - 60004-6	PTO Gearbox Group 2 Female Shaft C/W Quick Release Ratio 1:3.8	£136.73	€ 154.51

[www.flowfitonline.com](http://www.flowfitonline.com)  
**TECH. DATA SHEET**  
**PTOG02**

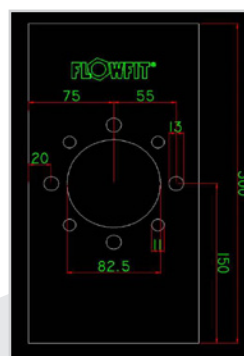


M1 MAXIMUM CONTINUOUS TORQUE OF THE PTO GEARBOX (Input side daNm)	M2 MAXIMUM TORQUE OF THE PTO GEARBOX (Output side daNm)	N1 TRACTOR OUTPUT SPEED RPM	N2 FINAL OUTPUT SPEED OF PUMP/GEARBOX ASSEMBLY RPM	I RATIO OF SPEED INCREASE	KW MAX TRANSMITTABLE POWER	WEIGHT KG
31	31	540	540	1	20	8,1
38	26	540	810	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

	PTO GEARBOX	RATIO AVAILABLE
FACTORY PREFIX 34	70001	1
	70002	1,5
	70003	2
	70004	2,5
	70210	3
		3,5

PART NO.	MALE SHAFT	NETT. PRICE	
		£ STERLING	€ EUROS
34 - 70001-4	PTO Gearbox Group 3 Pump Fixing Male Shaft Ratio 1:3	£159.52	€ 180.25
34 - 70001-5	PTO Gearbox Group 3 Pump Fixing Male Shaft Ratio 1:3.5	£159.52	€ 180.25
PART NO.	FEMALE SHAFT	NETT. PRICE	
		£ STERLING	€ EUROS
34 - 70004-4	PTO Gearbox Group 3 Female Shaft C/W Quick Release Ratio 1:3	£180.51	€ 203.97
34 - 70004-5	PTO Gearbox Group 3 Female Shaft C/W Quick Release Ratio 1:3.5	£180.51	€ 203.97

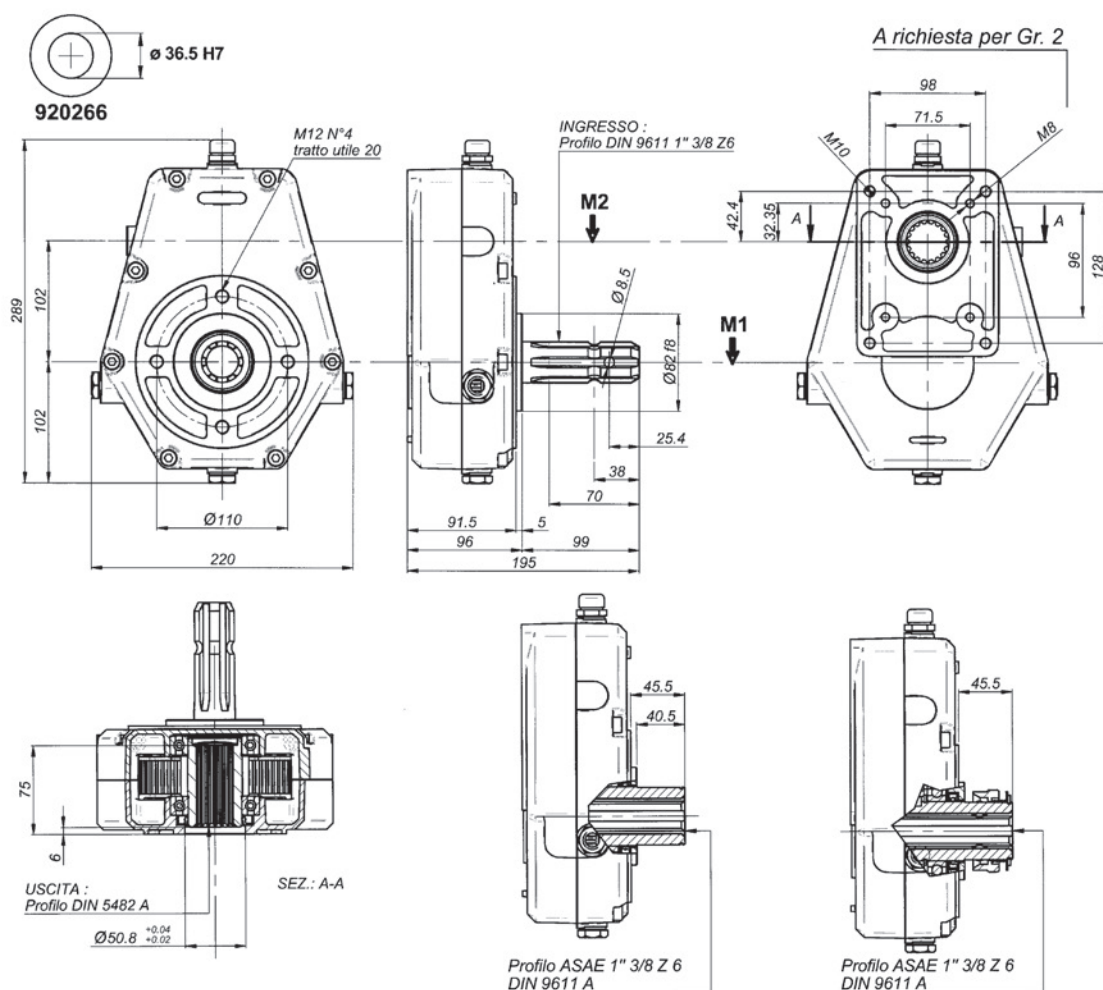
## A photograph of a mechanical component, likely a bearing housing or support structure. It features a central shaft with a bearing, mounted on a base with a mounting plate. The component is made of metal and has several mounting points and a central opening.



SKU	PRODUCT DESCRIPTION	SIGOT DIAMETER	FIXING HOLE DIAMETER	DIMENSIONS	WEIGHT	NETT. PRICE	
						£ STERLING	€ EUROS
TORQUE FIXING PLATE	Fixing plate/welding plate for P.T.O. Shaft Gear Box Group 2 and Group 3	82,5 mm	110 mm	300 x 150 x 8.5 mm	5Kg	£38.37	€ 43.35

## SERIES 70012 CAST IRON PTO GEARBOX PUMP GROUP 3 • 37KW

www.flowfitonline.com  
TECH. DATA SHEET  
**PTOG03**



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	£378.07	€ 427.22
121-70012-5	Heavy Duty Cast Iron PTO Gearbox Group 3 Pump Fixing Male Shaft Ratio 1:3.5	£378.07	€ 427.22
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	£381.03	€ 430.57
121-70015-3.5	Heavy Duty Cast Iron PTO Gearbox Group 3 Pump Fixing Female Shaft Quick Release Ratio 1:3.5	£381.03	€ 430.57

# HYDRAULIC PTO GEARBOXES AND PUMP ASSEMBLIES

PRODUCT	PAGE
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PTO GEARBOXES WITH GROUP 3 PUMPS	451
CAST IRON PTO GEARBOXES WITH GROUP 3 PUMPS	452



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# 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 GEARBOXES WITH FLOWFIT GROUP 2 PUMPS

[www.flowfitonline.com](http://www.flowfitonline.com)  
TECH. DATA SHEET  
**PGPA4**



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 intermittent and peak pressures on pump pdf.

PART NO.	FLOW L/MIN	MAX PRESSURE BAR	GEAR PUMP	GEARBOX RATIO	OUTPUT KW	INPUT SHAFT	NETT. PRICE	
							£ STERLING	€ EUROS
ZZ009541	6.48	270	Group 2, 4cc	1:3	3.56 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009542	9.72	270	Group 2, 6cc	1:3	5.34 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009543	13.77	270	Group 2, 8.5cc	1:3	7.56 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009544	16	270	Group 2, 10cc	1:3	9.78 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009545	22.68	220	Group 2, 14cc	1:3	9.78 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009546	26.73	190	Group 2, 16.5cc	1:3	9.96 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009547	32.4	160	Group 2, 20cc	1:3	9.91 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009548	37.26	135	Group 2, 23cc	1:3	9.65 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009549	40.5	120	Group 2, 25cc	1:3	9.91 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009550	8.21	270	Group 2, 4cc	1:3.8	4.51 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009551	12.31	270	Group 2, 6cc	1:3.8	6.76 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009553	17.44	270	Group 2, 8.5cc	1:3.8	9.58 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009554	20.52	270	Group 2, 10cc	1:3.8	9.74 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009555	28.73	220	Group 2, 14cc	1:3.8	9.58 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009556	33.86	150	Group 2, 16.5cc	1:3.8	9.96 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009557	41.04	125	Group 2, 20cc	1:3.8	9.81 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009559	47.2	110	Group 2, 23cc	1:3.8	9.96 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15
ZZ009560	51.3	95	Group 2, 25cc	1:3.8	9.94 kW	1 3/8" - 6" Spline Male	£157.66	€ 178.15



## PTO GEAR BOXES WITH GALTECH 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 intermittent 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	£238.33	€ 269.31
ZZ001044	9.72	280	Group 2 6cc/rev	1:3	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001046	13.77	280	Group 2 8.5cc/rev	1:3	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001047	17.82	280	Group 2 11cc/rev	1:3	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001048	22.68	220	Group 2 14cc/rev	1:3	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001049	26.73	190	Group 2 16.5cc/rev	1:3	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001050	31.59	160	Group 2 19.5cc/rev	1:3	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001051	36.45	135	Group 2 22.5cc/rev	1:3	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001052	42.12	120	Group 2 26cc/rev	1:3	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001053	8.21	280	Group 2 4cc/rev	1:3.8	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001054	12.31	280	Group 2 6cc/rev	1:3.8	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001055	17.55	280	Group 2 8.5cc/rev	1:3.8	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001056	22.57	220	Group 2 11cc/rev	1:3.8	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001057	28.73	170	Group 2 14cc/rev	1:3.8	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001058	33.86	150	Group 2 16.5cc/rev	1:3.8	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001059	40.01	125	Group 2 19.5cc/rev	1:3.8	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001060	46.17	110	Group 2 22.5cc/rev	1:3.8	1 3/8" - 6" Spline Male	£238.33	€ 269.31
ZZ001061	53.35	95	Group 2 26cc/rev	1:3.8	1 3/8" - 6" Spline Male	£238.33	€ 269.31

## PTO GEARBOXES WITH FLOWFIT GROUP 3 PUMPS

www.flowfitonline.com  
TECH. DATA SHEET  
**PGPA5**



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 intermittent and peak pressures on pump pdf.

PART NO.	FLOW L/MIN	MAX PRESSURE BAR	GEAR PUMP	GEARBOX RATIO	OUTPUT KW	INPUT SHAFT	NETT. PRICE	
							£ STERLING	€ EUROS
ZZ009562	42.12	250	Group 3, 26cc	1:3	17 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009563	49.14	250	Group 3, 26cc	1:3.5	19.83 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009569	55.08	230	Group 3, 34cc	1:3	19.86 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009570	64.26	230	Group 3, 34cc	1:3.5	19.54 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009571	63.18	190	Group 3, 39cc	1:3	19.66 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009572	64.26	180	Group 3, 34cc	1:3.5	19.51 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009573	73.71	170	Group 3, 39cc	1:3.5	18.89 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009574	81.27	160	Group 3, 43cc	1:3.5	19.34 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009575	81.27	141	Group 3, 43cc	1:3.5	19.34 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009576	82.62	120	Group 3, 51cc	1:3	19.71 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009577	96.39	100	Group 3, 51cc	1:3.5	19.16 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009578	98.98	100	Group 3, 60cc	1:3	19.41 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77
ZZ009579	113.4	80	Group 3, 60cc	1:3.5	18.11 kW	1 3/8" - 6" Spline Male	£259.09	€ 292.77



## PTO GEAR BOXES WITH GALTECH 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 intermittent 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	£371.31	€ 419.58
ZZ000488	35.91	250	Group 3 19cc/rev	1:3.5	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000481	36.12	240	Group 3 22cc/rev	1:3	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000489	42.15	240	Group 3 22cc/rev	1:3.5	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000483	53.29	190	Group 3 33cc/rev	1:3	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000490	55.38	180	Group 3 29cc rev	1:3.5	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000484	58.96	170	Group 3 36cc/rev	1:3	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000491	62.18	160	Group 3 33cc/rev	1:3.5	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000492	68.8	140	Group 3 36cc/rev	1:3.5	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000485	70.47	140	Group 3 44cc/rev	1:3	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000493	82.22	120	Group 3 44cc/rev	1:3.5	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000486	83.75	120	Group 3 52cc/rev	1:3	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000494	97.71	100	Group 3 52cc/rev	1:3.5	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000487	98.98	100	Group 3 62cc/rev	1:3	1 3/8" - 6" Spline Male	£371.31	€ 419.58
ZZ000495	115.48	80	Group 3 62cc/rev	1:3.5	1 3/8" - 6" Spline Male	£371.31	€ 419.58

## CAST IRON PTO GEARBOXES WITH FLOWFIT GROUP 3 PUMPS

www.flowfitonline.com  
TECH. DATA SHEET  
**PGPA6**



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 achieved when coupled with group 3 hydraulic pump

Please note : Higher pressure and higher flow combinations are available upon request.

Please check intermittent and peak pressures on pump pdf.

PART NO.	FLOW L/MIN	MAX PRESSURE BAR	GEAR PUMP	GEARBOX RATIO	OUTPUT KW	INPUT SHAFT	NETT. PRICE	
							£ STERLING	€ EUROS
ZZ009580	42.12	250	Group 3, 26cc	1:3	20.48 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009582	49.14	240	Group 3, 26cc	1:3.5	23.89 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009581	55.08	240	Group 3, 34cc	1:3	22.99 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009588	64.26	220	Group 3, 34cc	1:3.5	26.82 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009587	63	220	Group 3, 39cc	1:3	24.28 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009589	73.71	220	Group 3, 39cc	1:3.5	28.33 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009590	69.66	220	Group 3, 43cc	1:3	27.64 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009591	81.27	210	Group 3, 43cc	1:3.5	32.24 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009592	62	220	Group 3, 51cc	1:3	32.84 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009593	96.39	210	Group 3, 51cc	1:3.5	34.49 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009595	113.4	200	Group 3, 60cc	1:3.5	33.96 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18
ZZ009594	97.2	200	Group 3, 60cc	1:3	34.93 kW	1 3/8" - 6" Spline Male	£413.44	€ 467.18

## CAST IRON PTO GEAR BOXES WITH GALTECH 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 achieved when coupled with group 3 hydraulic pump

Please note : Higher pressure and higher flow combinations are available upon request.

Please check intermittent 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	£528.54	€ 597.25
ZZ000610	36.126	240	Group 3 22.3cc/rev	1:3	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000619	42.15	240	Group 3 22.3cc/rev	1:3.5	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000611	47.466	220	Group 3 29.3cc/rev	1:3	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000612	53.298	220	Group 3 32.9cc/rev	1:1.3	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000620	55.38	220	Group 3 29.3cc/rev	1:3.5	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000613	58.968	210	Group 3 36.4cc/rev	1:3	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000621	62.18	220	Group 3 32.9cc/rev	1:3.5	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000622	68.8	210	Group 3 36.4 cc/rev	1:3.5	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000614	70.47	200	Group 3 43.5 cc/rev	1:3	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000623	82.22	200	Group 3 43.5 cc/rev	1:3.5	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000615	83.75	200	Group 3 51.7 cc/rev	1:3	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000624	97	190	Group 3 51.7cc/rev	1:3.5	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000616	98.98	180	Group 3 61.1cc/rev	1:3	1 3/8"- 6" Spline Male	£528.54	€ 597.25
ZZ000625	115.48	150	Group 3 61.1cc/rev	1:3.5	1 3/8"- 6" Spline Male	£528.54	€ 597.25

# PUMP BEARING SUPPORTS

PRODUCT	PAGE
GROUP 1 BEARING SUPPORT	455
GROUP 2 BEARING SUPPORT	455
GROUP 2 BEARING SUPPORT REINFORCED	456
GROUP 3 BEARING SUPPORT	457



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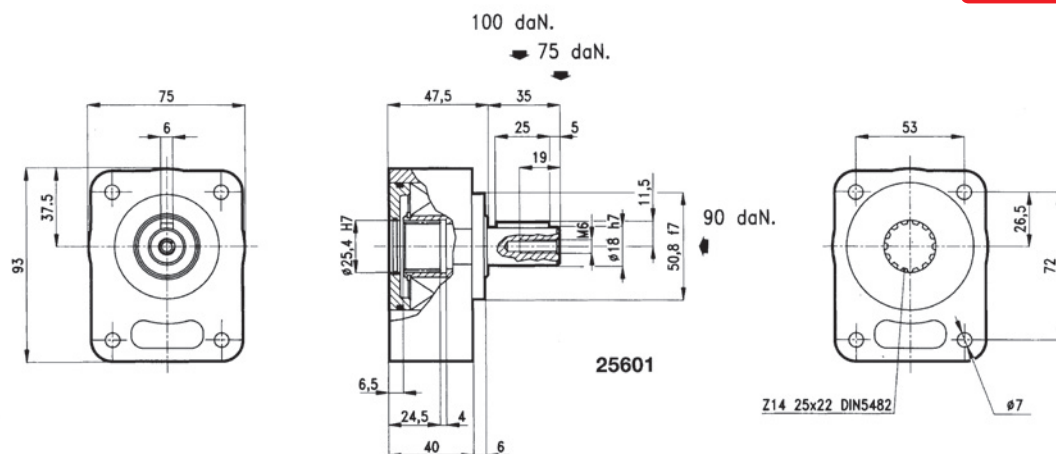


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# GROUP 1 BEARING SUPPORT

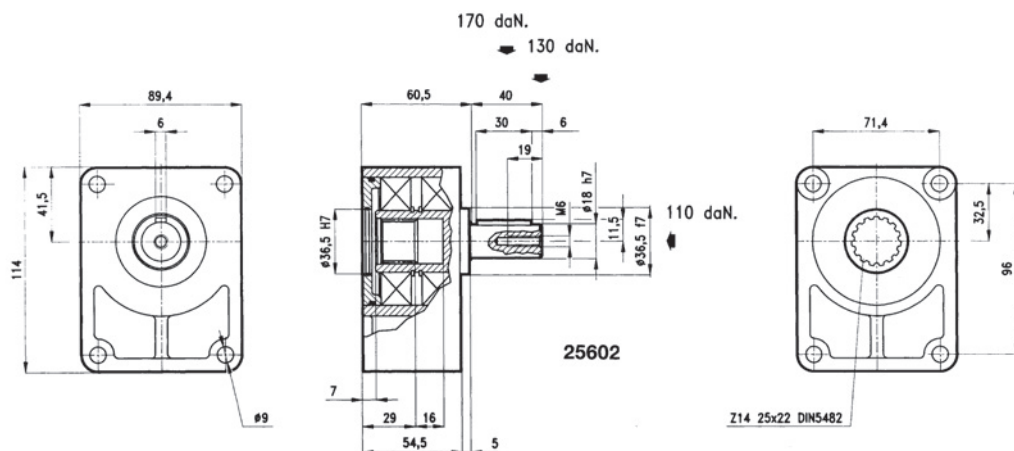
www.flowfitonline.com  
TECH. DATA SHEET  
**PBS01**



PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
24 - 25601	Pump Bearing Support Support gr.1 cylindrical shaft	£58.64	€ 66.27

# GROUP 2 BEARING SUPPORT

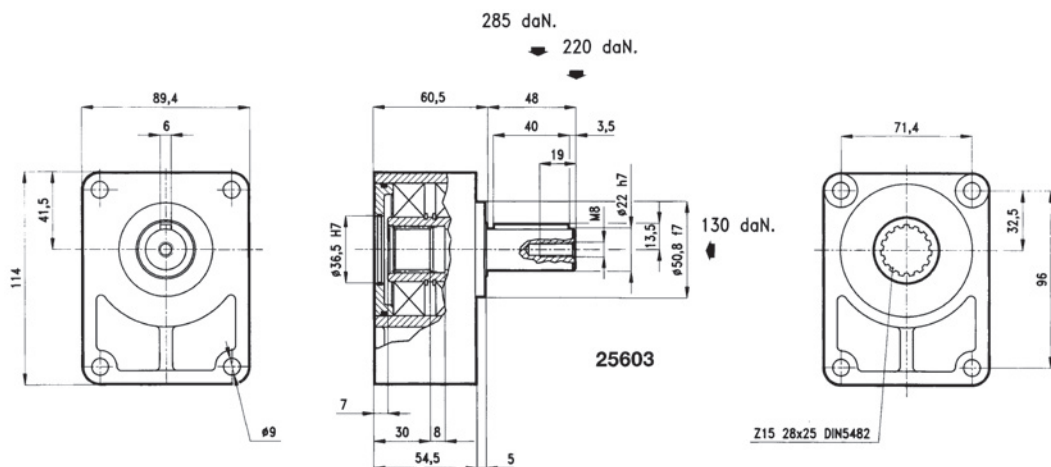
www.flowfitonline.com  
TECH. DATA SHEET  
**PBS02**



PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
24 - 25602	Pump Bearing Support Support gr.2 cylindrical shaft	£68.37	€ 77.25

## GROUP 2 BEARING SUPPORT REINFORCED

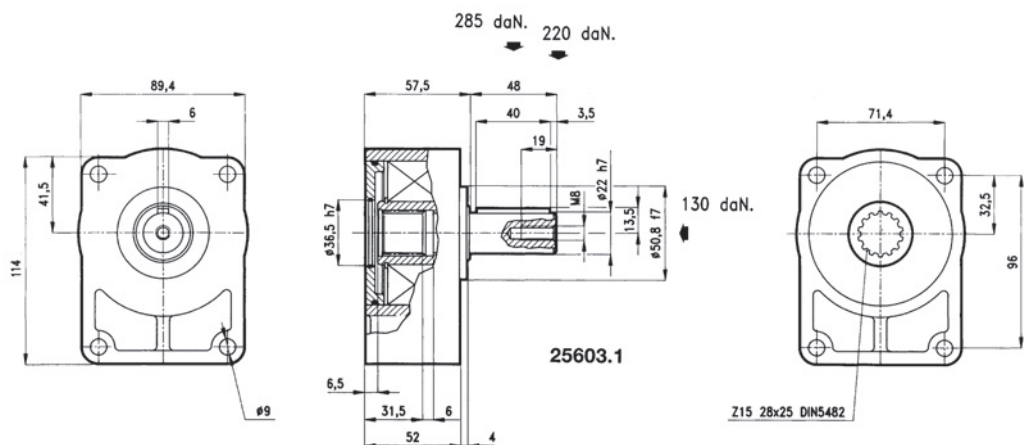
www.flowfitonline.com  
TECH. DATA SHEET  
**PBS02**



PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
24 - 25603	Pump Bearing Support gr.2/R cylindrical shaft 2 bearings	£74.76	€ 84.48

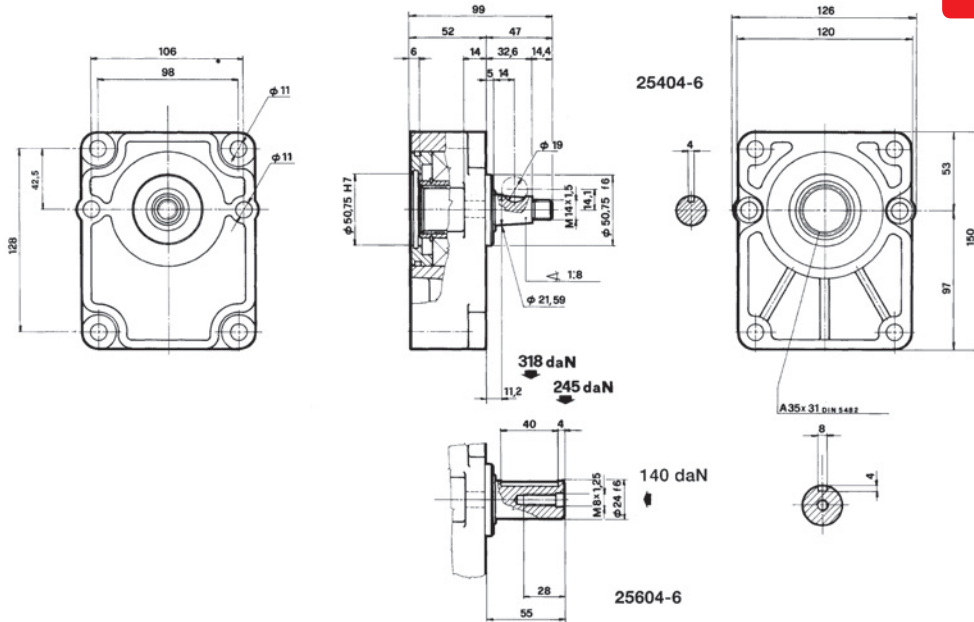
## GROUP 2 BEARING SUPPORT REINFORCED

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**PBS02**



PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
24 - 25603-1	Pump Bearing Support gr.2/R cylindrical shaft 1 bearing	£74.76	€ 84.48

## GROUP 3 BEARING SUPPORT



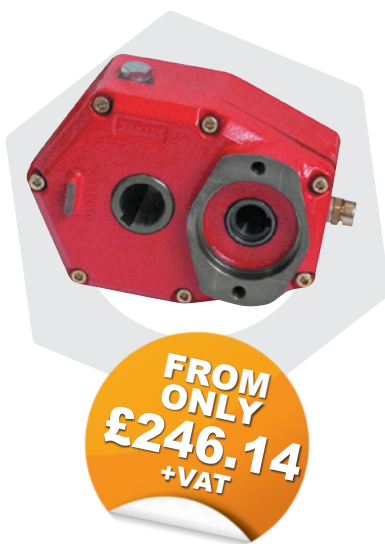
PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
24 - 25604-6	Pump Bearing Support gr.3 cylindrical shaft 6 holes	£104.85	€ 118.48

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# SPEED REDUCTION GEARBOXES

PRODUCT	PAGE
95000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES	459
96000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES	460
97500 SERIES CAST IRON SPEED REDUCTION GEARBOXES	461



**QUALITY PRODUCTS**



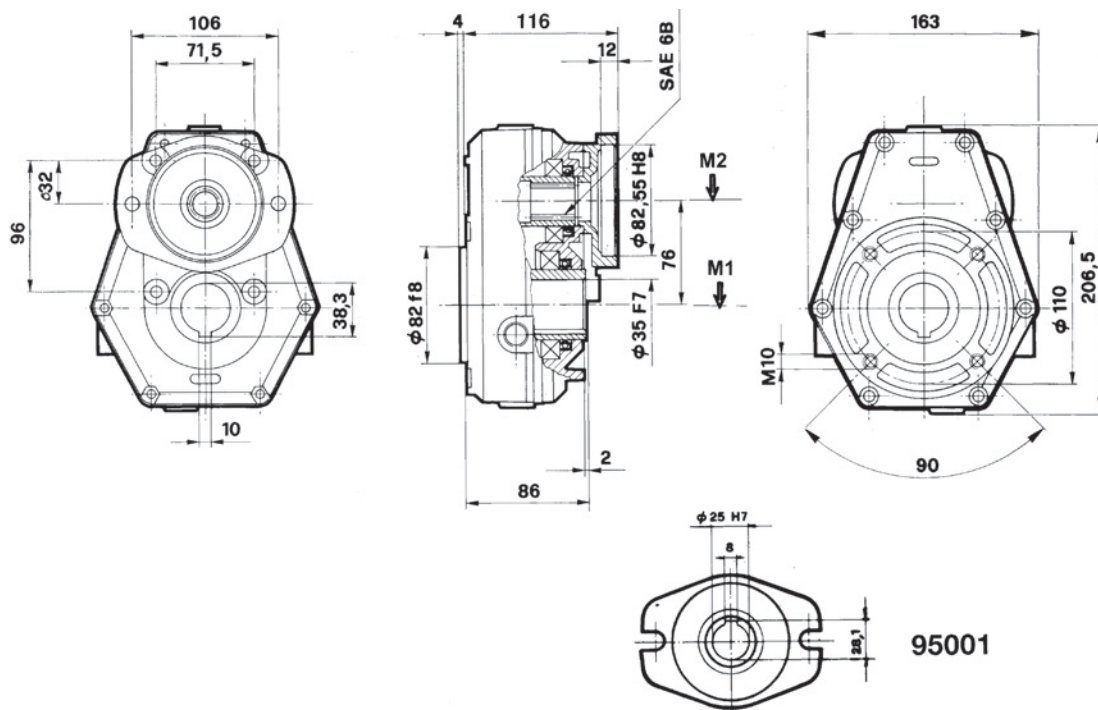
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# 95000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES

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

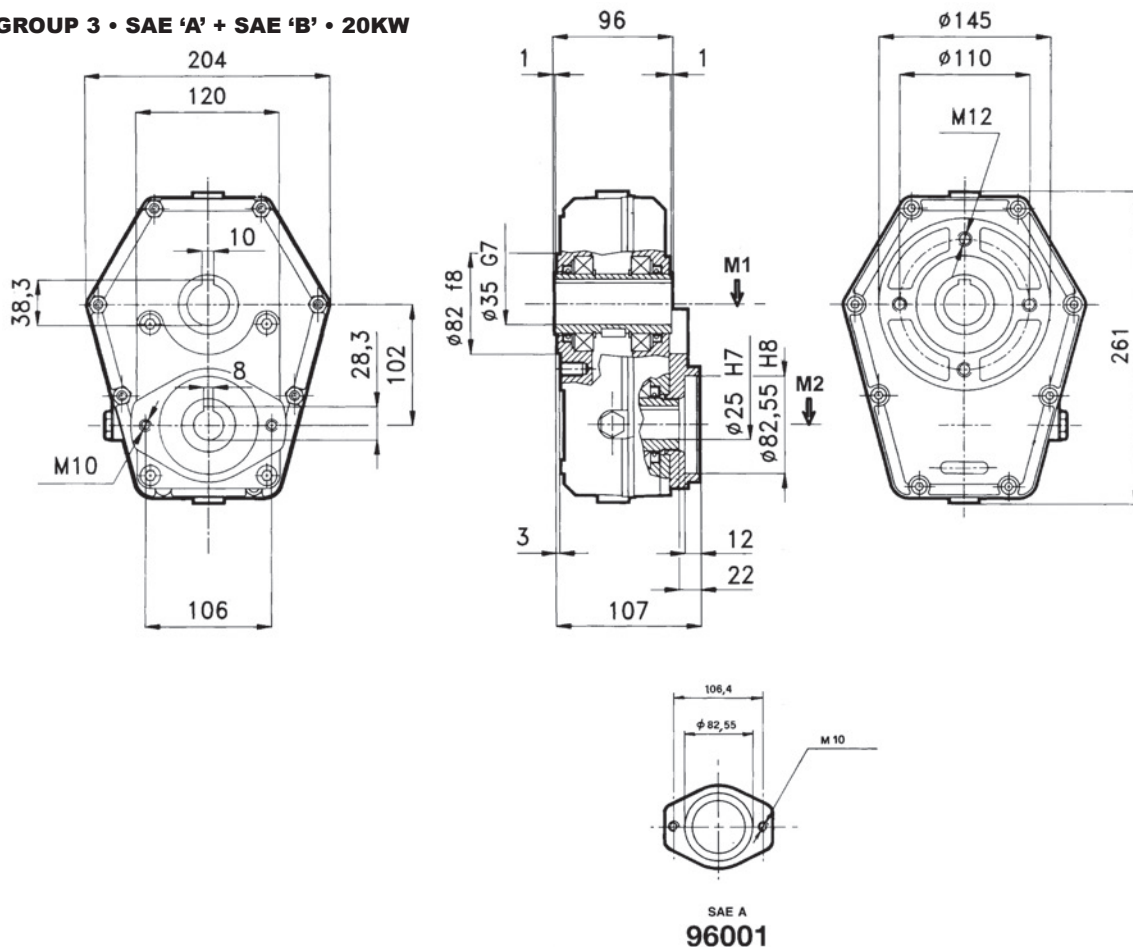
## 95001 SPEED REDUCTION GEARBOX

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	£168.65	€ 190.58
38 - 95001-2	Reduction gear gr.2 SAE A dia.25 R.1:2	£168.65	€ 190.58
38 - 95001-2/30	Reduction gear gr.2 SAE A dia.25 R.1:2 female through-shaft	£168.65	€ 190.58
38 - 95001-3	Reduction gear gr.2 SAE A dia.25 R.1:2,5	£145.85	€ 164.80
38 - 95001-4	Reduction gear gr.2 SAE A dia.25 R.1:3	£145.85	€ 164.80
38 - 95001-4/1	Reduction gear gr.2 SAE dia.25 R. 1:3 6B spline through-shaft	£145.85	€ 164.80
38 - 95001-5	Reduction gear gr.2 SAE A dia.25 R.1:3,5	£145.85	€ 164.80
38 - 95001-5/1	Reduction gear gr.2 SAE A dia.25 R.1:3,5 female through-shaft	£145.85	€ 164.80
38 - 95001-5/2	Reduction gear gr.2 SAE A dia.25 R.1:3,5 female through-shaft	£145.85	€ 164.80
38 - 95001-6	Reduction gear gr.2 SAE A dia.25 R.1:3,8	£145.85	€ 164.80
38 - 95001-6/3	Aluminium Speed Reduction Gearbox SAE A Ratio 1:3.8 C/W Female Through Shaft	£145.85	€ 164.80

# 96000 SERIES ALUMINIUM SPEED REDUCTION GEARBOXES

[www.flowfitonline.com](http://www.flowfitonline.com)  
 TECH. DATA SHEET  
**SRG02**

GROUP 3 • SAE 'A' + SAE 'B' • 20KW



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

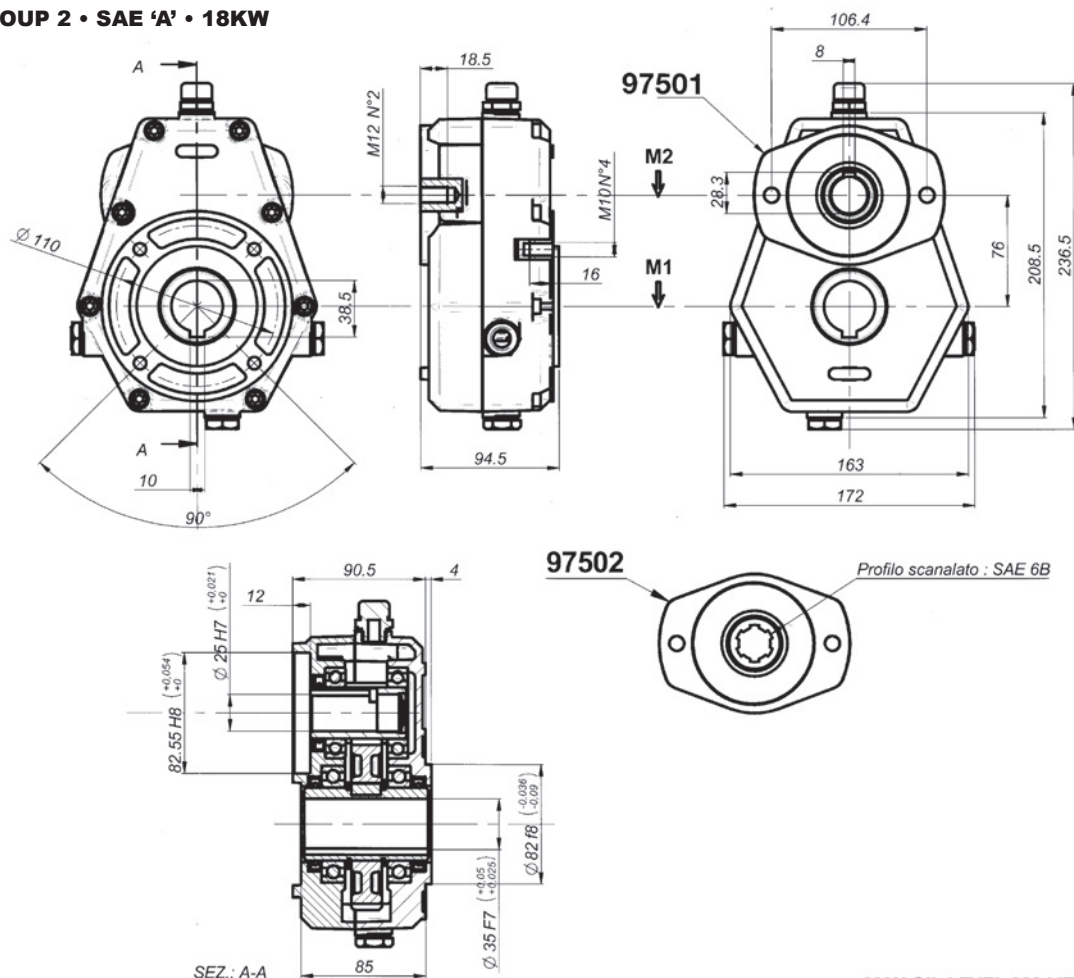
## 96001 SPEED REDUCTION GEARBOX

PART NO.	DESCRIPTION OF REDUCTION GEARBOX	NETT. PRICE	
		£ STERLING	€ EUROS
39-96071-1	Aluminium Speed Reduction Gearbox SAE A Ratio 1:1,5 with Female Through Shaft	£264.37	€ 298.74
39-96071-2	Aluminium Speed Reduction Gearbox SAE A Ratio 1:2 with Female Through Shaft	£264.37	€ 298.74
39-96071-3	Aluminium Speed Reduction Gearbox SAE A Ratio 1:2,5 with Female Through Shaft	£246.13	€ 278.13
39-96071-4	Aluminium Speed Reduction Gearbox SAE A Ratio 1:3 with Female Through Shaft	£246.13	€ 278.13
39-96071-5	Aluminium Speed Reduction Gearbox SAE A Ratio 1:3,5 with Female Through Shaft	£246.13	€ 278.13
39-96071-6	Aluminium Speed Reduction Gearbox SAE A Ratio 1:3,8 with Female Through Shaft	£246.13	€ 278.13

# 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	£291.72	€ 329.65
69 - 97502-6	Cast Iron Speed Reduction SAE A - 6B Ratio 1:3.8 C/W Female Through Shaft	£291.72	€ 329.65



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# ELECTRO-MAGNETIC CLUTCHES

PRODUCT	PAGE
10 daNm ELECTROMAGNETIC CLUTCHES	464
14 daNm ELECTROMAGNETIC CLUTCHES	468
21 daNm ELECTROMAGNETIC CLUTCHES	472
50 daNm ELECTROMAGNETIC CLUTCHES	474



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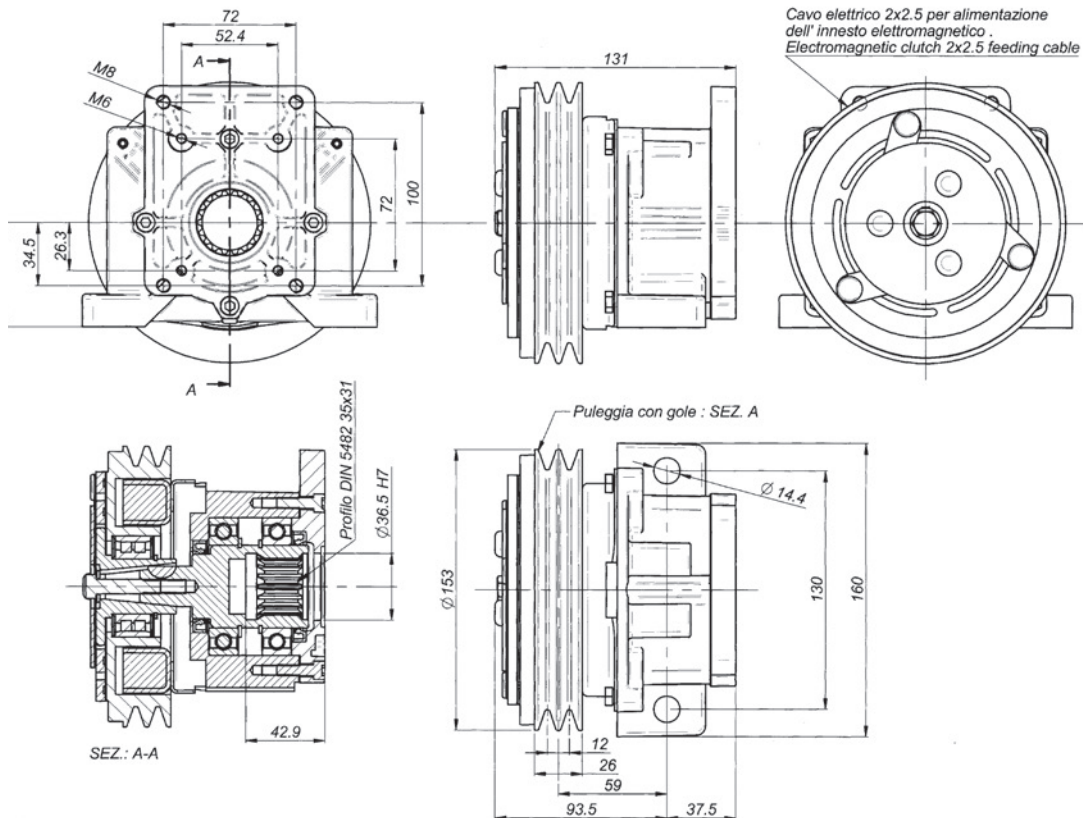


## 10 daNm ELECTROMAGNETIC CLUTCHES

www.flowfitonline.com  
TECH. DATA SHEET  
**EC01**

SERIE: 30901 12 Volt

SERIE: 30903 24 Volt

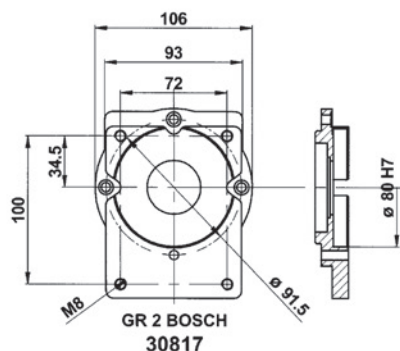
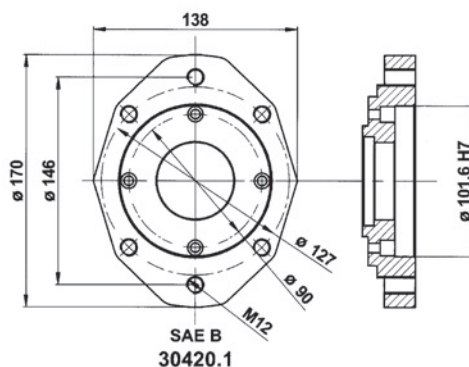
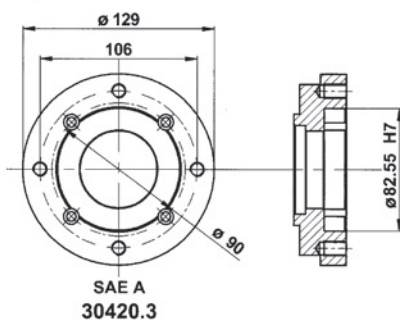
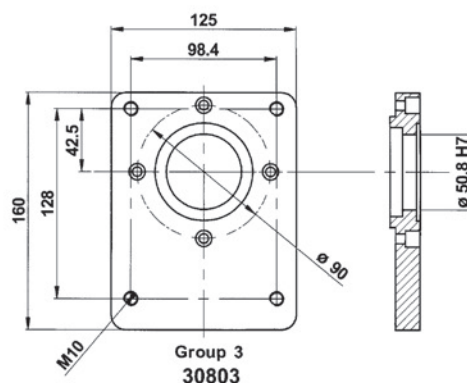
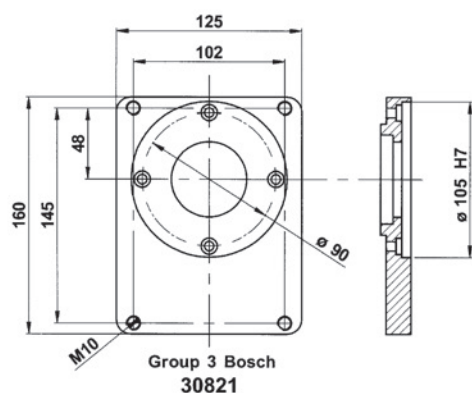


Nominal torque	7,8 daNm		Connection time	25 m/sec		
Static torque	12,5 daNm		Disconnection time	40 m/sec		
Dynamic torque	8,5 daNm	at 500 rpm	Minimum time between two connection	20 sec		
	7,0 daNm	at 1000 rpm				
	4,2 daNm	at 1500 rpm				
	3,5 daNm	at 2000 rpm				
	2,7 daNm	at 2500 rpm	Max speed	5000 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 electromagnetetic 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	£264.39	€ 298.76
29 - 30903	Electromagnetic clutch 24V. 10 daNm for European Group 1 and Group 2 Pumps	£264.39	€ 298.76
29 - 30909	Electromagnetic clutch 12V. 10 daNm for European Group 3 Pump	£264.39	€ 298.76
29 - 30911	Electromagnetic clutch 24V. 10 daNm for European Group 3 Pump	£264.39	€ 298.76
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**



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

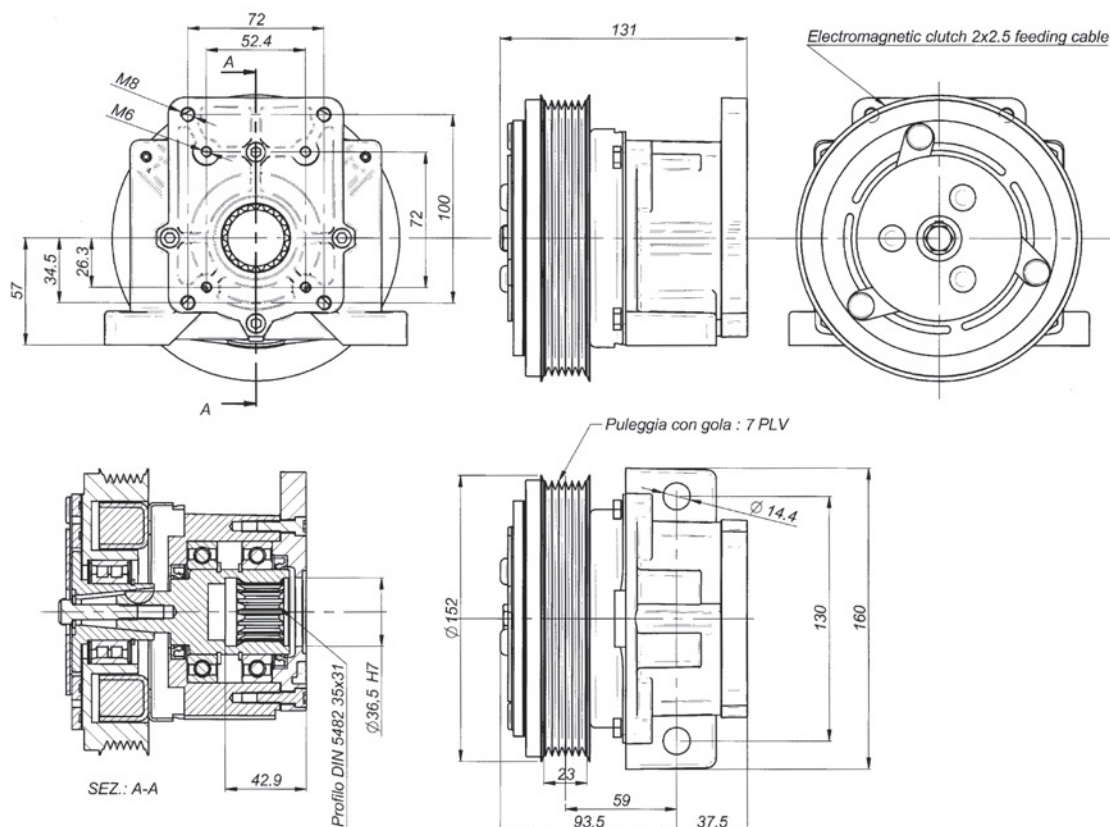
AVAILABLE ON REQUEST

# 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	Minimum time between two connection	20 sec
	7,0 daNm		
	4,2 daNm		
	3,5 daNm		
	2,7 daNm	Max speed	5000 rpm
	2,5 daNm	Weight	5,5 Kg
Electric absorption		Resistance ( $\Omega$ )	
		Current ( A )	
		Power ( W )	
		20° C	120° C
12 V DC	4,00	5,60	3,33
24 V DC	20,00	28,00	1,26
		2,00	0,77
		40,00	24,00
		30,30	18,18

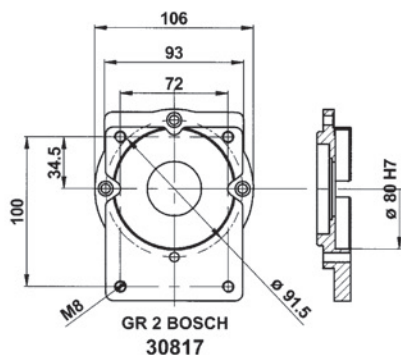
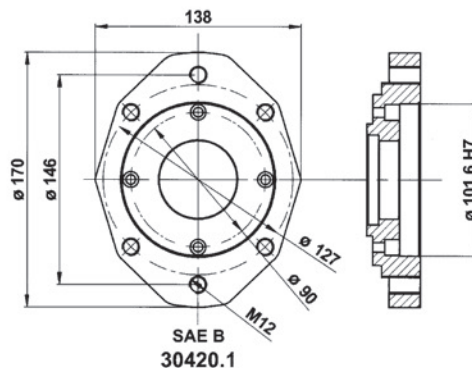
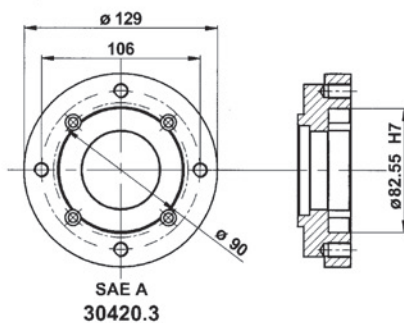
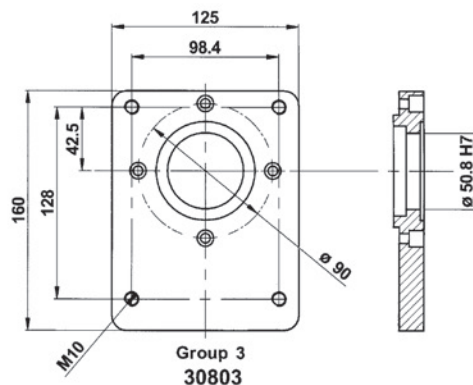
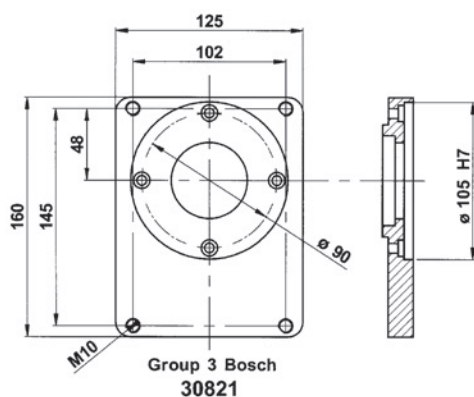
All technical data are at 20°C / at 120 °C the performance are less 20%  
All electromagnetic clutches are reversible.

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	£264.39	€ 298.76
29 - 30903 - 1	Electromagnetic clutch 24V. 10 daNm for European Group 1 and 2 Pumps	£264.39	€ 298.76
29 - 30903 - 1/SA	Electromagnetic clutch 24V. 10 daNm for SAE A 2 BOLT	£264.39	€ 298.76
29 - 30909 - 1	Electromagnetic clutch 12V. 10 daNm for European Group 3 Pumps	£264.39	€ 298.76
29 - 30911 - 1	Electromagnetic clutch 24V. 10 daNm for European Group 3 Pumps	£264.39	€ 298.76

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**



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.

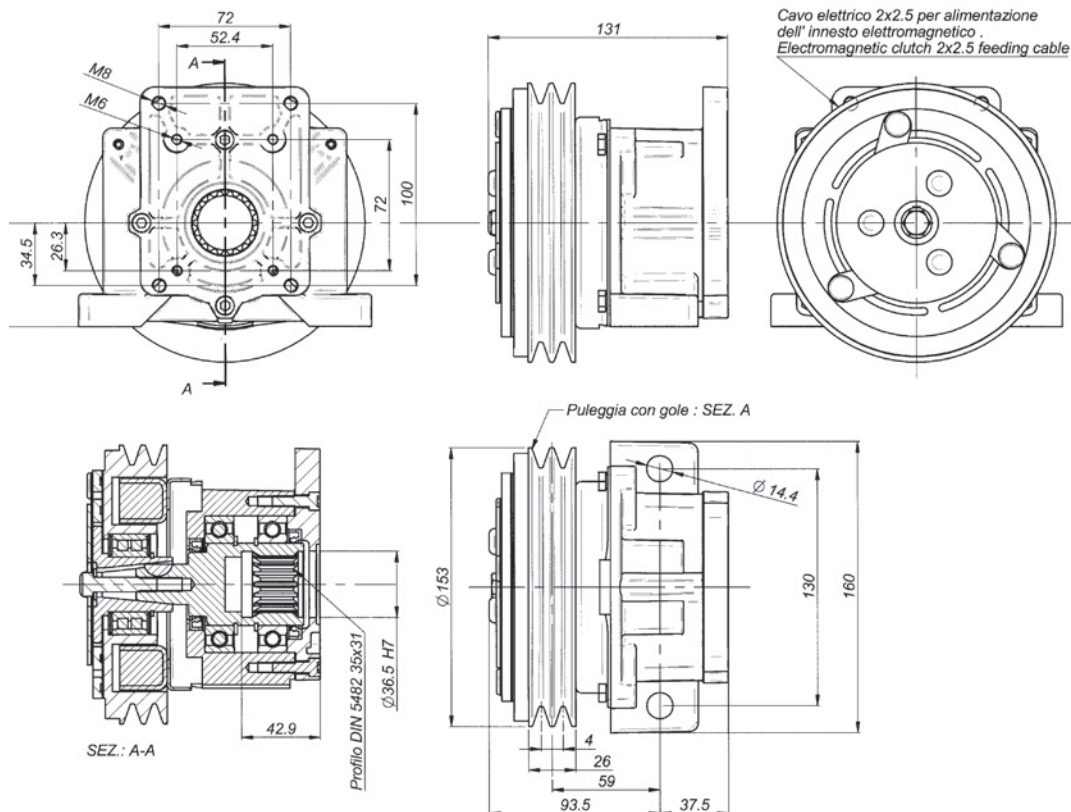


# 14 daNm ELECTROMAGNETIC CLUTCHES

www.flowfitonline.com  
TECH. DATA SHEET  
**EC01**

SERIE: 30929 12 Volt

SERIE: 30930 24 Volt



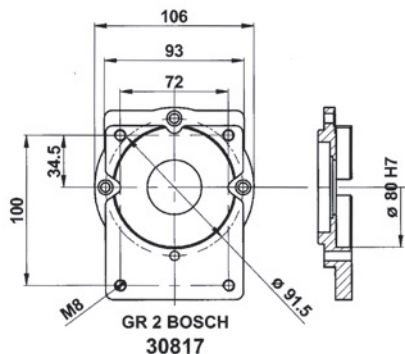
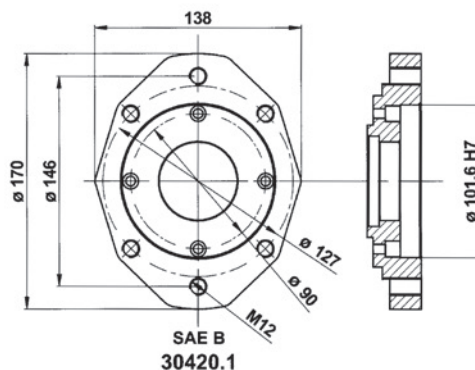
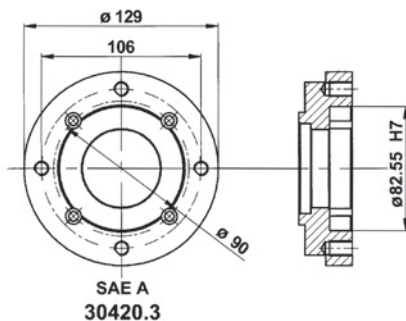
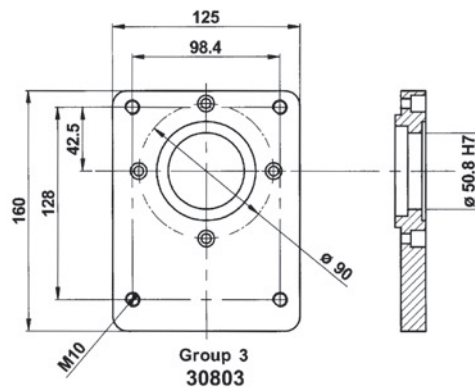
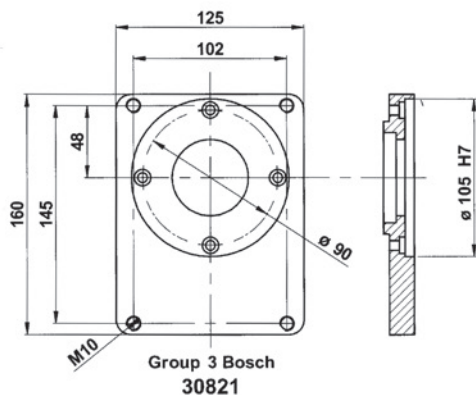
Nominal torque	11,8 daNm		Connection time		25 m/sec		
Static torque	14,0 daNm		Disconnection time		40 m/sec		
Dynamic torque	12,5 daNm	at 500 rpm	Minimum time between two connection	20 sec			
	11,0 daNm	at 1000 rpm					
	8,2 daNm	at 1500 rpm					
	7,5 daNm	at 2000 rpm					
	6,7 daNm	at 2500 rpm	Max speed		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 electromagnetice clutches are reversible.							

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
29 - 30929	Electromagnetic clutch 12V. 14 daNm for European Group 1 and 2 Pumps	£296.39	€ 334.93
29 - 30929/SA	Electromagnetic clutch 12V. 14 daNm for SAE A 2 BOLT	£296.39	€ 334.93
29 - 30929/SB	Electromagnetic clutch 12V. 14 daNm for SAE B 2 BOLT	£296.39	€ 334.93
29 - 30930	Electromagnetic clutch 24V. 14 daNm for European Group 1 and 2 Pumps	£296.39	€ 334.93
29 - 30931	Electromagnetic clutch 12V. 14 daNm for European Group 3 Pumps	£296.39	€ 334.93
29 - 30932	Electromagnetic clutch 24V. 14 daNm for European Group 3 Pumps	£296.39	€ 334.93

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**



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

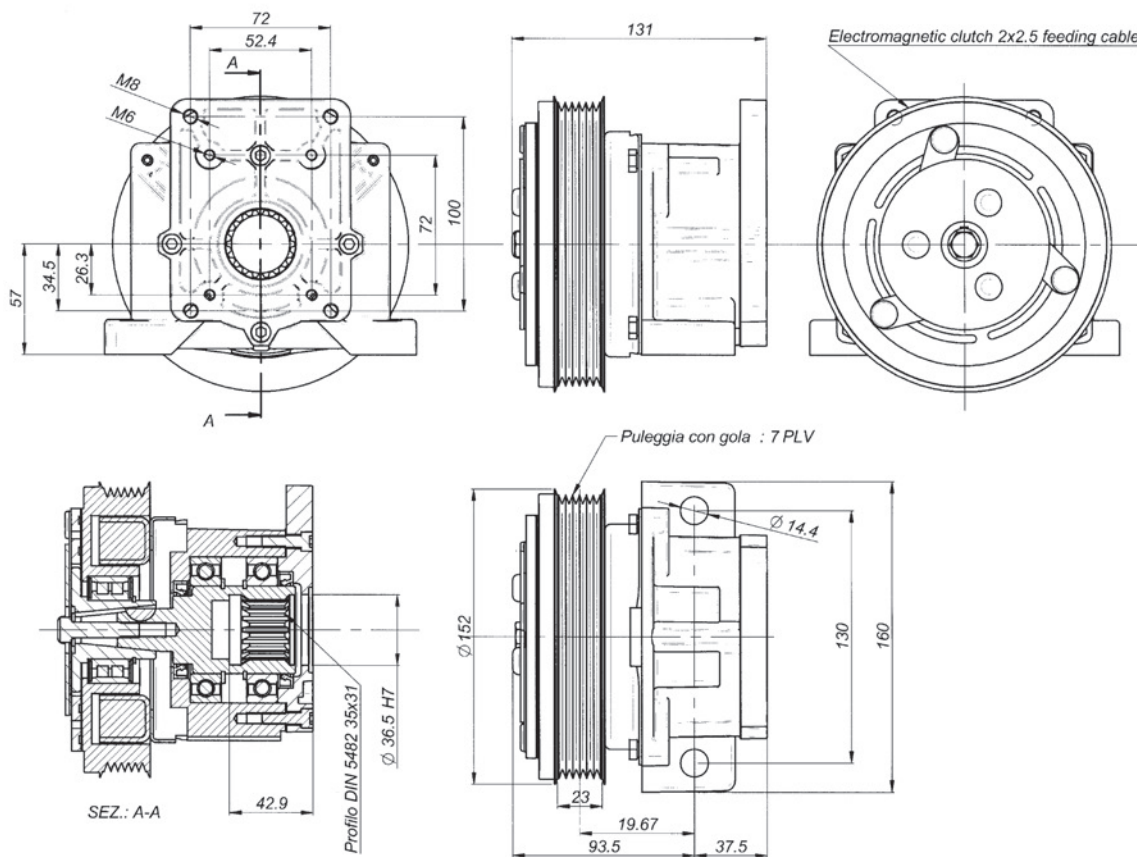


## 14 daNm ELECTROMAGNETIC CLUTCHES

www.flowfitonline.com  
TECH. DATA SHEET  
**EC01**

SERIES: 30929-1 12 Volt

SERIES: 30930-1 24 Volt

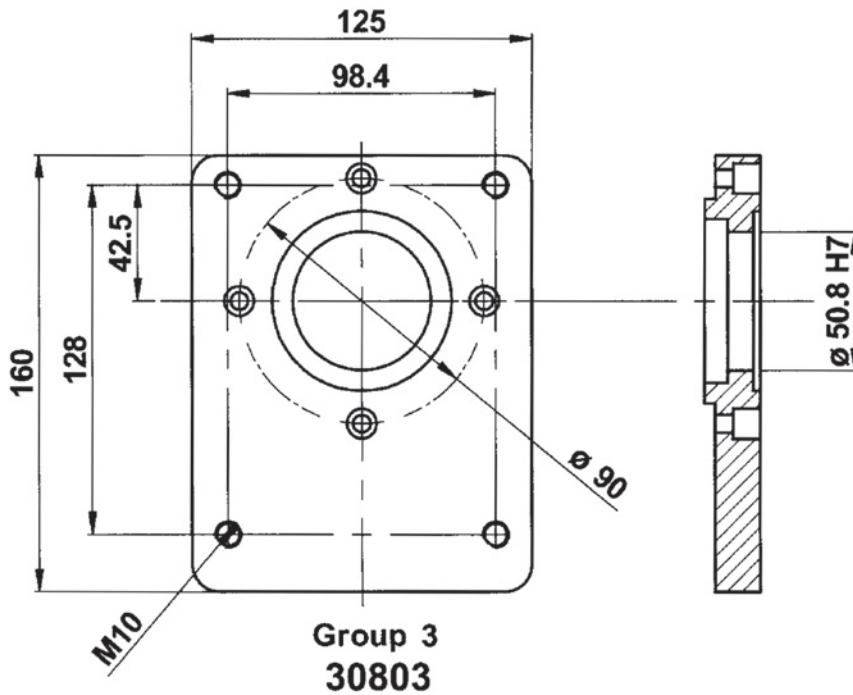


Nominal torque	11,8 daNm		Connection time	25 m/sec		
Static torque	14,0 daNm		Disconnection time	40 m/sec		
Dynamic torque	12,5 daNm	at 500 rpm	Minimum time between two connection	20 sec		
	11,0 daNm	at 1000 rpm				
	8,2 daNm	at 1500 rpm				
	7,5 daNm	at 2000 rpm				
	6,7 daNm	at 2500 rpm	Max speed	5000 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 electromagnetic 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	£296.39	€ 334.93
29 - 30931 - 1	Electromagnetic clutch 12V. 14 daNm for European Group 3 Pumps	£296.39	€ 334.93
29 - 30932 - 1	Electromagnetic clutch 24V. 14 daNm for European Group 3 Pumps	£296.39	€ 334.93

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

## GROUP 3 FLANGE FOR 14 daNm ELECTROMAGNETIC CLUTCH



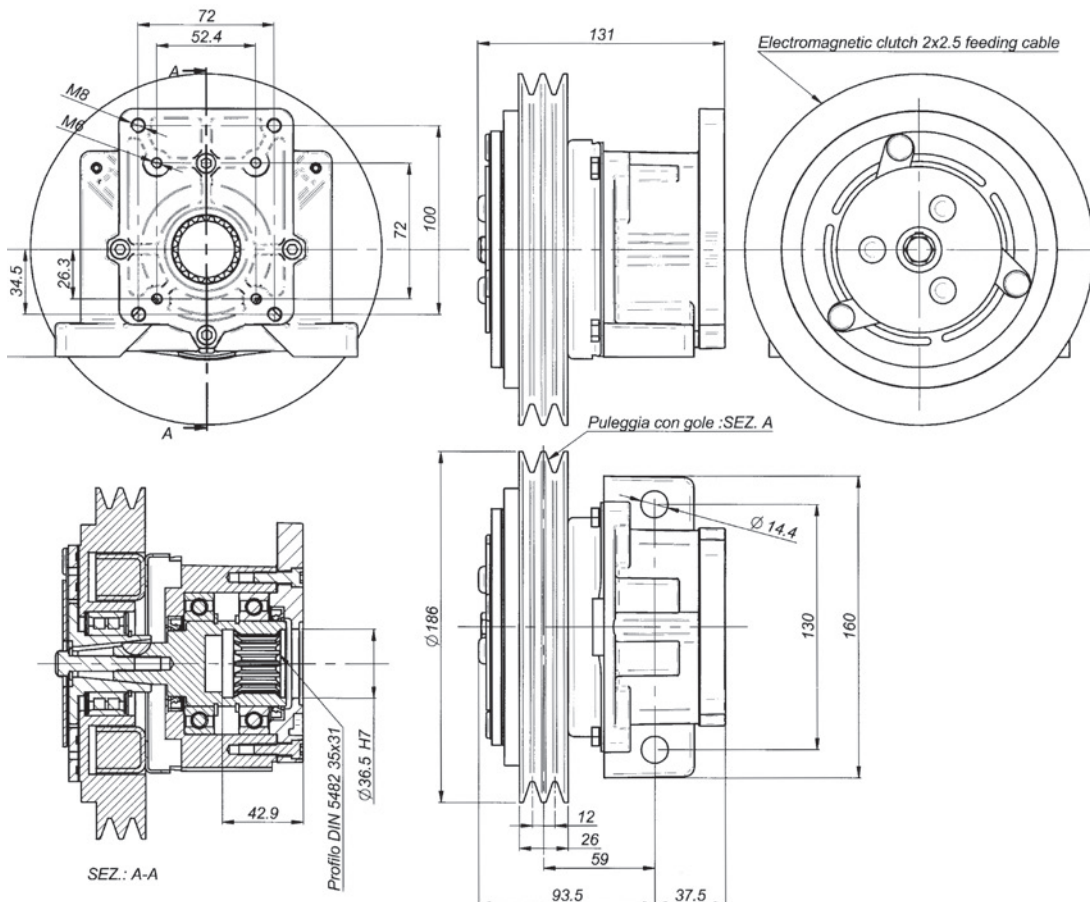
ELECTRIC ABSORPTION	CLUTCHES COMPLETE WITH ABOVE FLANGES
	GROUP3
12 Volt	30931
24 Volt	30932



## 21 daNm ELECTROMAGNETIC CLUTCHES

www.flowfitonline.com  
TECH. DATA SHEET  
**EC01**

SERIES: 30990 12 Volt    SERIES: 30991 24 Volt



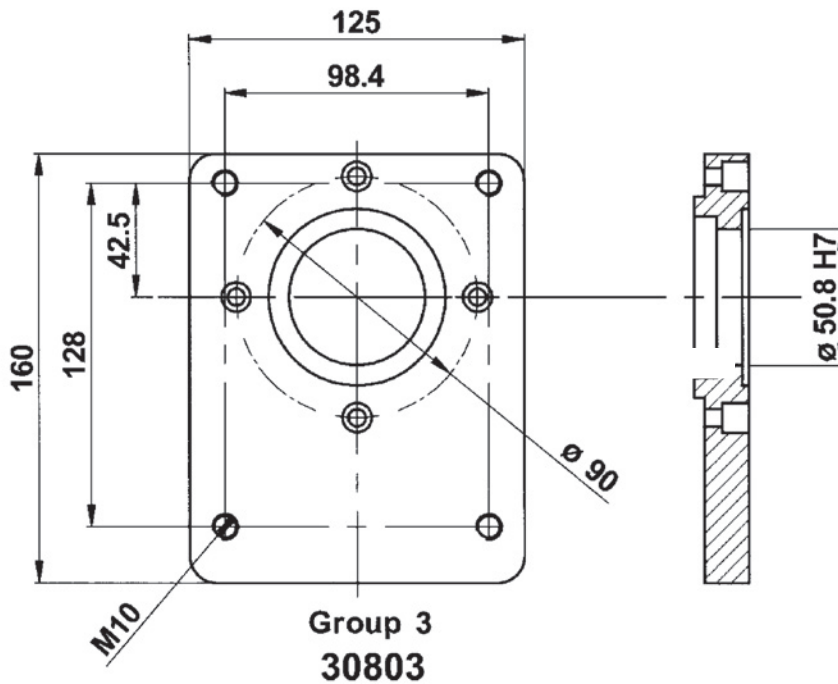
Nominal torque	16,0 daNm				Connection time		25 m/sec		
Static torque	21,0 daNm				Disconnection time		40 m/sec		
Dynamic torque	14,5 daNm	at 500 rpm		Minimum time between two connection		20 sec			
	12,0 daNm	at 1000 rpm							
	9,5 daNm	at 1500 rpm							
	8,8 daNm	at 2000 rpm							
	8,0 daNm	at 2500 rpm							
7,8 daNm	at 3000 rpm		Max speed		5000 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 electromagnetiic clutches are reversible.									

PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
29 - 30990	Electromagnetic clutch 12V. 21 daNm for European Group 2 Pumps	£527.39	€ 595.96
29 - 30991	Electromagnetic clutch 24V. 21 daNm for European Group 2 Pumps	£527.39	€ 595.96
29 - 30992	Electromagnetic clutch 12V. 21 daNm for European Group 3 Pumps	£527.39	€ 595.96
29 - 30993	Electromagnetic clutch 24V. 21 daNm for European Group 3 Pumps	£527.39	€ 595.96

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

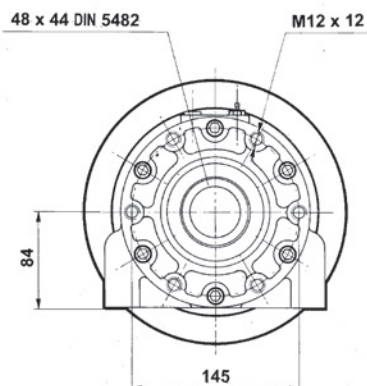
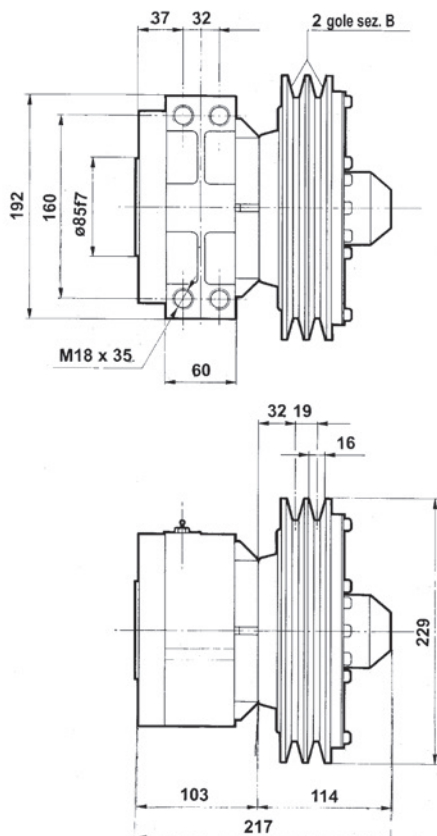
**FREE UK  
NEXT DAY  
DELIVERY  
ON ALL  
WEB  
ORDERS**

# 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		Minimum 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 electromagnetec clutches are reversible.								

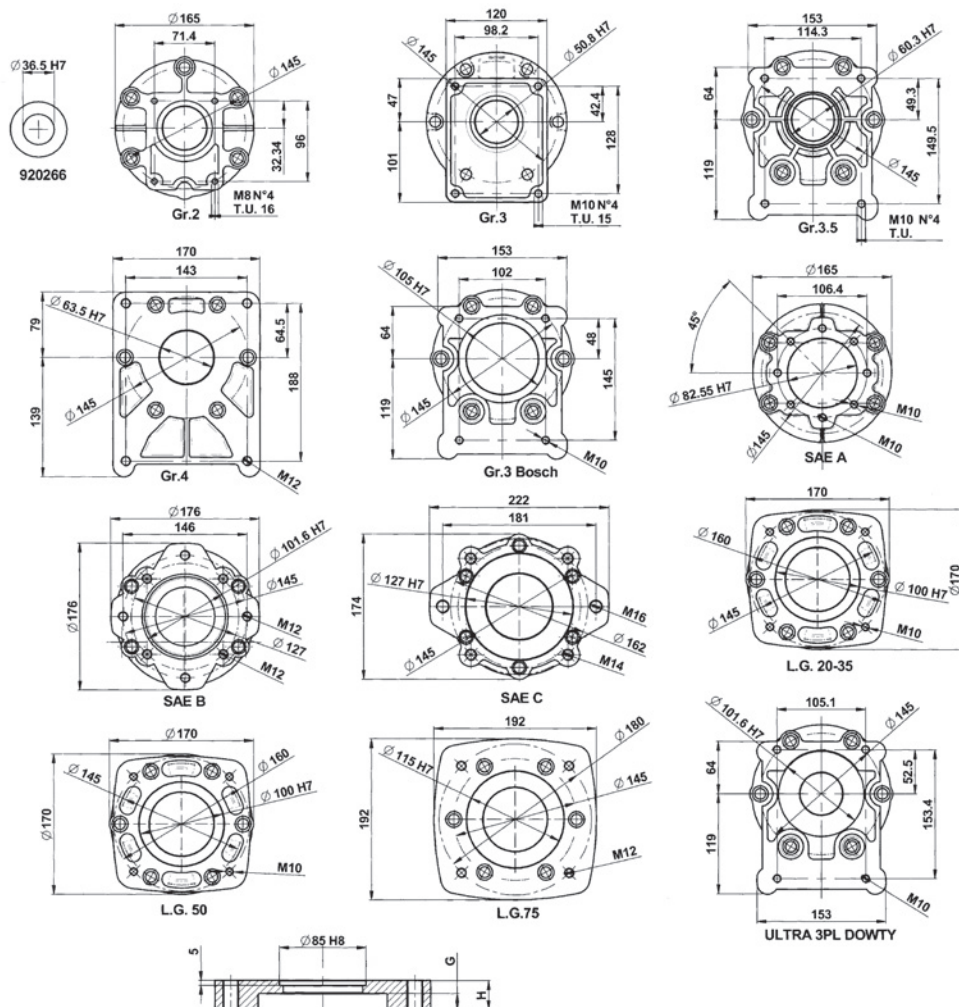
PART NO.	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
29 - 30940	Electromagnetic clutch 12V. 30 daNm for European Group 2 Pumps	£1,321.94	€ 1,493.79
29 - 30941	Electromagnetic clutch 24V. 30 daNm for European Group 2 Pumps	£1,321.94	€ 1,493.79
29 - 30942	Electromagnetic clutch 12V. 30 daNm for European Group 3 Pumps	£1,321.94	€ 1,493.79

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	£75.04	€ 84.80
28 - 30401	European Group 3 Flange C/W +socket capscrews	£70.06	€ 79.16
28 - 30402	European Group 3.5 Flange C/W +socket capscrews	£67.59	€ 76.38
28 - 30403	European Group 4 Flange C/W +socket capscrews	£65.64	€ 74.17
28 - 30417	Bosch Group 3 Flange C/W +socket capscrews	£85.91	€ 97.08
28 - 30420	SAE A 2 BOLT Flange C/W +socket capscrews	£67.55	€ 76.33
28 - 30421	SAE B 2 BOLT Flange C/W +socket capscrews	£84.25	€ 95.20
28 - 30422	SAE B 4 BOLT Flange C/W +socket capscrews	£84.25	€ 95.20
28 - 30431	SAE C 2 BOLT Flange C/W +socket capscrews	£84.25	€ 95.20
28 - 30432	SAE C 4 BOLT Flange C/W +socket capscrews	£84.25	€ 95.20

If the part number needed is not listed please ask the Flowfit Sales Team  
Various flanges available upon request



# ELECTRO MAGNETIC CLUTCH AND PUMP ASSEMBLIES

PRODUCT	PAGE
FLOWFIT HYDRAULIC 12V ELECTROMAGNETIC CLUTCH	477
FLOWFIT HYDRAULIC 24V ELECTROMAGNETIC CLUTCH	478

**12V**



**FLOWFIT  
FROM  
£297.68  
+VAT**

**GALTECH  
FROM  
£388.62  
+VAT**

**24V**



**FLOWFIT  
FROM  
£289.41  
+VAT**

**GALTECH  
FROM  
£388.62  
+VAT**



**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 torque, 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 FLOWFIT PUMP ASSEMBLY

www.flowfitonline.com  
TECH. DATA SHEET  
**ECPA2**



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, available electrical 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
ZZ009596	12	210	12	5	10	4 cc	£297.68	€ 336.37
ZZ009597	24	210	12	5	14	8 cc	£297.68	€ 336.37
ZZ009598	42	210	12	5	14	14 cc	£297.68	€ 336.37
ZZ009599	48	210	12	5	14	16 cc	£328.00	€ 370.64
ZZ009600	60	210	12	5	14	20 cc	£328.00	€ 370.64



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, available electrical 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
ZZ009601	78	210	12	5	21	26 cc	£551.25	€ 622.91
ZZ009602	102	210	12	5	21	34 cc	£551.25	€ 622.91
ZZ009603	117	210	12	5	21	39 cc	£551.25	€ 622.91

## FLOWFIT HYDRAULIC 12V ELECTRO MAGNETIC CLUTCH AND GALTECH PUMP ASSEMBLY

www.flowfitonline.com  
TECH. DATA SHEET  
**ECPA1**



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, available electrical 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	£388.62	€ 439.14
ZZ000445	25.5	210	12	5	14	8.5	£388.62	€ 439.14
ZZ000436	33	210	12	5	14	11	£388.62	€ 439.14
ZZ000449	49.5	210	12	5	14	16.5	£420.64	€ 475.32
ZZ000450	58.5	210	12	5	14	19.5	£420.64	€ 475.32



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, available electrical 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	£739.67	€ 835.83
ZZ000455	87.9	210	12	5	21	29.3	£739.67	€ 835.83
ZZ000456	98.7	210	12	5	21	32.9	£739.67	€ 835.83
ZZ000457	109.2	210	12	5	21	36.4	£739.67	€ 835.83

## FLOWFIT HYDRAULIC 24V ELECTRO MAGNETIC CLUTCH AND FLOWFIT PUMP ASSEMBLY

www.flowfitonline.com  
TECH. DATA SHEET  
**ECPA2**



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, available electrical 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
ZZ009604	12	210	24	3	10	4 cc	£289.41	€ 327.03
ZZ009605	24	210	24	3	10	8 cc	£289.41	€ 327.03
ZZ009606	30	210	24	3	14	10 cc	£344.54	€ 389.33
ZZ009607	48	210	24	3	14	16 cc	£289.41	€ 327.03
ZZ009608	60	210	24	3	14	20 cc	£344.54	€ 389.33



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, available electrical 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
ZZ009610	78	210	24	3	21	26 cc	£551.25	€ 622.91
ZZ009612	102	210	24	3	21	34 cc	£551.25	€ 622.91
ZZ009613	117	210	24	3	21	39 cc	£551.25	€ 622.91

## FLOWFIT HYDRAULIC 24V ELECTRO MAGNETIC CLUTCH AND GALTECH PUMP ASSEMBLY

www.flowfitonline.com  
TECH. DATA SHEET  
**ECPA1**



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, available electrical 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	£388.62	€ 439.14
ZZ000447	25.5	210	24	3	10	8.5	£388.62	€ 439.14
ZZ000451	33	210	24	3	14	11	£420.64	€ 475.32
ZZ000437	49.5	210	24	3	14	16.5	£388.62	€ 439.14
ZZ000452	58.5	210	24	3	14	19.5	£420.64	€ 475.32



Mounted inline engine belt 2 groove pulley, clockwise rotation- max 3000rpm, available electrical 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	£420.64	€ 475.32
ZZ000459	66.9	210	24	3	21	22.3	£739.67	€ 835.83
ZZ000460	87.9	210	24	3	21	29.3	£739.67	€ 835.83
ZZ000461	98.7	210	24	3	21	32.9	£739.67	€ 835.83
ZZ000462	109.2	210	24	3	21	36.4	£739.67	€ 835.83



# HYDRAULIC GEAR PUMPS

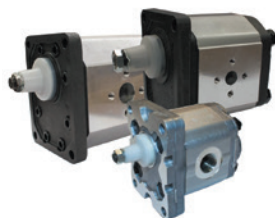
**WE PROVIDE A DIVERSE RANGE OF HYDRAULIC GEAR PUMPS FOR USE IN A VARIETY OF SETTINGS AND SITUATIONS.**

**THESE HIGH POWERED MODELS ARE SUITABLE FOR INDUSTRIAL, COMMERCIAL AND DOMESTIC SITUATIONS.**

**GALTECH  
GEAR PUMPS**



**FLOWFIT  
GEAR PUMPS**



**FLOWFIT OFFER DIFFERENT SPECIFICATIONS AND DIMENSIONS TO ENSURE THAT WE CAN PROVIDE THE PERFECT GEAR PUMP!**



**TWO-STAGE HI-LO  
GEAR PUMPS**



**TWO-STAGE HI-LO GEAR PUMP KITS**



**AS WELL AS OUR OWN RANGE YOU WILL FIND PRODUCTS FROM BOTH GALTECH AND KOMPASS WHICH ARE KNOWN AS MANUFACTURERS OF EXTREMELY RELIABLE PUMPS!**

**GALTECH MULTIPLE GEAR PUMPS**



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# SPLINED COUPLINGS

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**QUALITY PRODUCTS**



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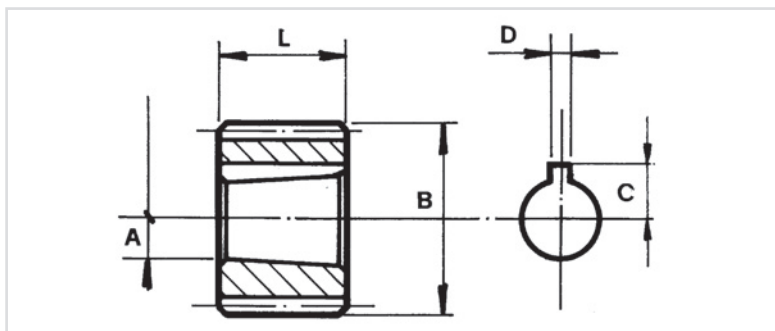




# SPLINED COUPLINGS SERIES 10000

## 1:8 TAPER PUMP CONNECTION

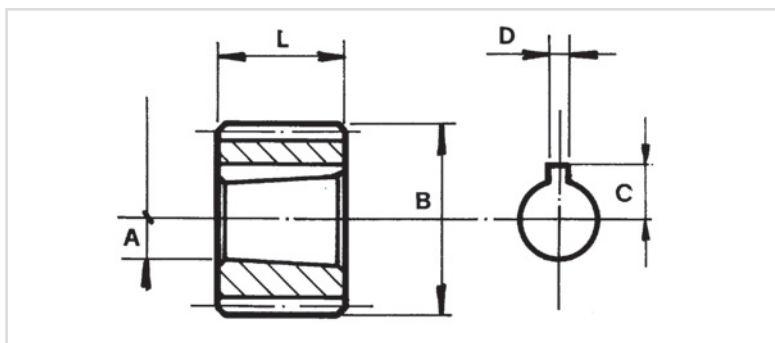
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TECH. DATA SHEET  
**SC01**



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	£6.78	€ 7.66
01-10003	1	2/1	25 x 22	14	8	24,5	5,7	2,4	14,5	£5.75	€ 6.50
01-10005	2	2	25 x 22	14	14,2	24,5	9,3	3,17	22	£4.99	€ 5.64
01-10026	2	2	25 x 22	14	14,5	24,5	9,1	4	22,5	£4.99	€ 5.64
01-10007	2	2	28 x 25	15	14,2	27,5	9,7	3,17	22	£7.17	€ 8.10
01-10035	2	2	28 x 25	15	14,5	27,5	9,7	4	22,5	£7.59	€ 8.58
01-10010	1	3/1	35 x 31	18	8	34,5	5,7	2,4	14,5	£11.66	€ 13.17
01-10012	2	3/2	35 x 31	18	14,2	34,5	9,7	3,17	22	£6.51	€ 7.36
01-10044	2	3/2	35 x 31	18	14,5	34,5	9,7	4	22,5	£5.52	€ 6.24
01-10014	3	3	35 x 31	18	18,7	34,5	12,5	4	26	£5.85	€ 6.61
01-10019	3	4/3	48 X 44	23	18,7	47,5	12,5	4	26	£11.04	€ 12.47
01-10020	3,5	4/3,5	48 X 44	23	21,2	47,5	15,1	4,76	32	£13.16	€ 14.87

## PARALLEL/CYLINDRICAL BORE

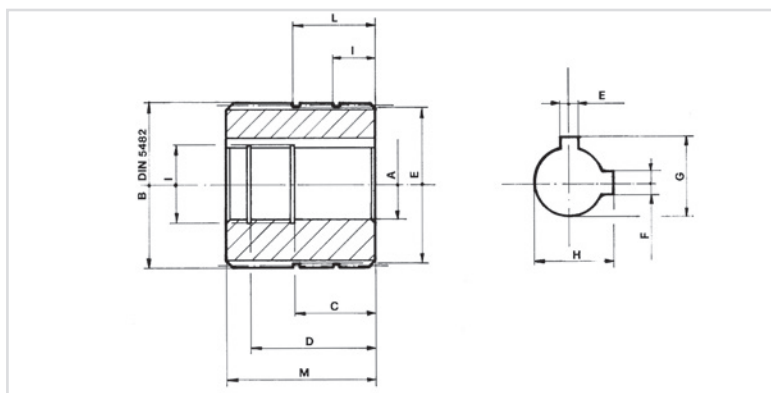
www.flowfitonline.com  
TECH. DATA SHEET  
**SC01**



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	£8.49	€ 9.60
01-10047	3	3	35 x 31	18	20	34,5	11,8	5	41	£20.96	€ 23.68
01-10053	1	4/1	48 x 44	23	12	47,5	7,6	3	13,5	£11.25	€ 12.71

## SPLINED COUPLINGS SERIES 15000

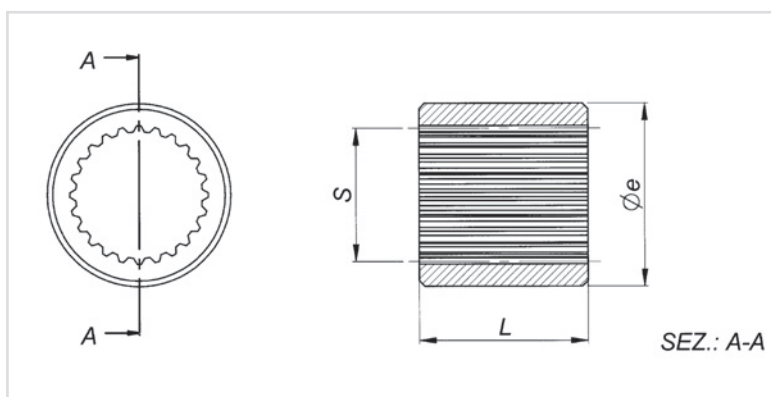
www.flowfitonline.com  
TECH. DATA SHEET  
**SC02**



CODE	PUMP ASSEMBLY	PROFILE	NO. OF TEETH	I Ø	E Ø	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	£19.66	€ 22.21
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	£19.66	€ 22.21

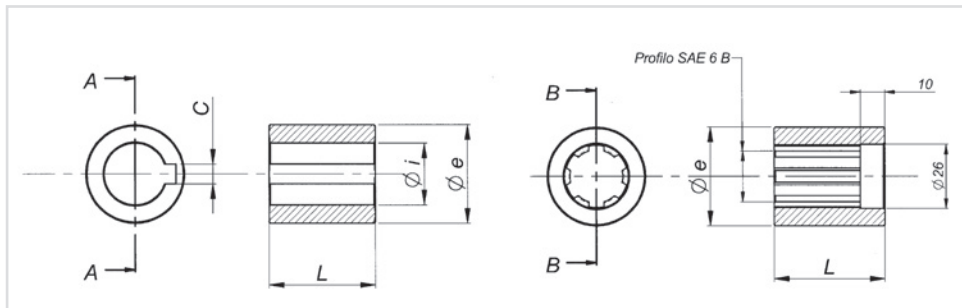
## SPLINED SLEEVES

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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	£11.84	€ 13.38
01-10602	14	A 25x22 - DIN 5482	40	50	£15.67	€ 17.70
01-10603	15	A 28x25 - DIN 5482	40	50	£15.67	€ 17.70
01-10702	11	16/32" DP	30	35	£11.74	€ 13.27
01-10703	13	16/32" DP	35	40	£15.66	€ 17.69

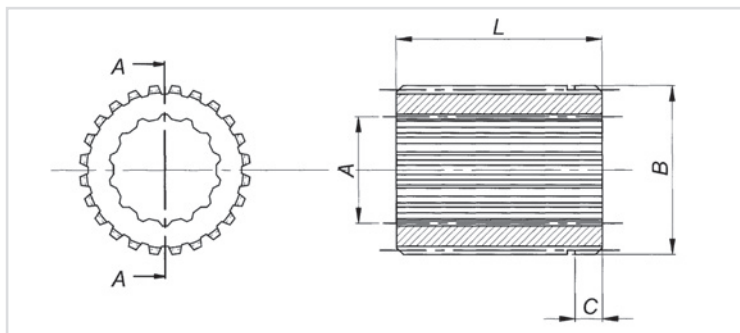
## SPLINED COUPLINGS SERIES 34100



www.flowfitonline.com  
TECH. DATA SHEET  
**SC03**

CODE	MOTOR	$\varnothing e$	$\varnothing i$	L	C	NETT. PRICE	
						£ STERLING	€ EUROS
01-34104	DANFOSS	50	32	50	10	£42.55	€ 48.08
01-34105	DANFOSS	40		45		£23.44	€ 26.48

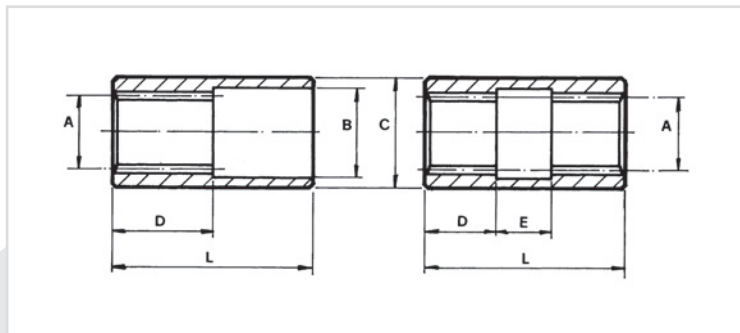
## SPLINED HALF COUPLINGS 34200 - 34300 34400-35500



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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	£11.71	€ 13.23

## SPLINED SLEEVES SERIES 10200-10300-10400

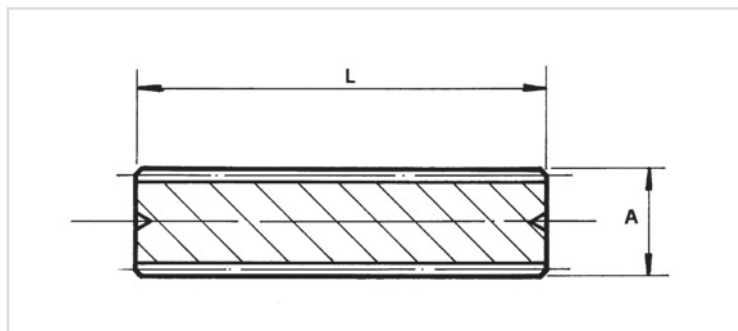


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TECH. DATA SHEET  
**SC03**

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	£6.64	€ 7.50
01-10207	4	48 X 44 DIN 5482	23	44	48,5	62	42		90	£16.94	€ 19.14

## SPLINED BARS SERIES 14000

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TECH. DATA SHEET  
**SC03**



CODE	PROFILE	NO. OF TEETH	A	B	NETT. PRICE	
					£ STERLING	€ EUROS
01-14003	25 X 22	14	24,5	300	£37.42	€ 42.29
01-14008	40 X 36	20	39,5	300	£58.47	€ 66.08

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

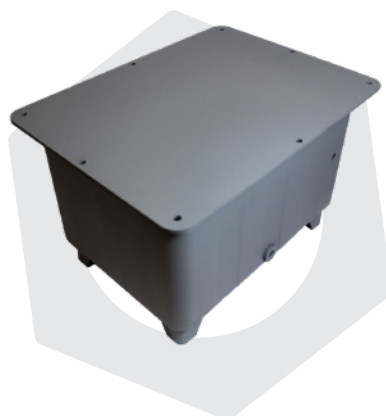
# FLOWFIT WELDLESS STEEL TANKS

**PRODUCT**

FLOWFIT WELDLESS STEEL TANKS

**PAGE**

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**QUALITY PRODUCTS**



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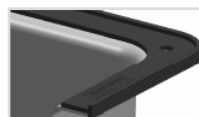


## FLOWFIT WELDLESS STEEL TANKS

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, bell housings, 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	£56.09	€ 63.38
FFT-6BHFB140	6 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 140MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£58.43	€ 66.03
FFT-6BHFB160	6 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£58.43	€ 66.03
FFT-6BHFB200	6 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£58.43	€ 66.03
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	£58.43	€ 66.03
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	£58.43	€ 66.03
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	£58.43	€ 66.03
12 LITRE STEEL TANKS			
FFT-12	12 L TANK C/W PLAIN LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£74.79	€ 84.51
FFT-12BHFB140	12 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 140MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£78.30	€ 88.48
FFT-12BHFB160	12 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£78.30	€ 88.48
FFT-12BHFB200	12 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£78.30	€ 88.48
FFT-12BHFBRL140	12 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 140MM OD	£78.30	€ 88.48
FFT-12BHFBRL160	12 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 160MM OD	£78.30	€ 88.48
FFT-12BHFBRL200	12 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD	£78.30	€ 88.48
25 LITRE STEEL TANKS			
FFT-25	25 L TANK C/W PLAIN LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£97.00	€ 109.61
FFT-25BHFB160	25 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 160MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£101.67	€ 114.89
FFT-25BHFB200	25 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£101.67	€ 114.89
FFT-25BHFB250	25 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD MACHINED LID INC. TANK SEAL AND DRAIN PLUG TYPE A	£101.67	€ 114.89
FFT-25BHFBRL160	25 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 160MM OD	£101.67	€ 114.89
FFT-25BHFBRL200	25 L TANK WITH FILLER BREATHER HOLES , BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD	£101.67	€ 114.89
FFT-25BHFB RL250	25 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD	£101.67	€ 114.89



PART NUMBER	DESCRIPTION	NETT. PRICE	
40 LITRE STEEL TANKS		£ STERLING	€ EUROS
FFT-40	40L PLAIN TANK	£111.03	€ 125.46
FFT-40BHFB200	40 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD	£115.70	€ 130.74
FFT-40BHFB250	40 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD	£115.70	€ 130.74
FFT-40BHFB300	40 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD	£115.70	€ 130.74
FFT-40BHFBRL200	40 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD	£115.70	€ 130.74
FFT-40BHFBRL250	40 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD	£115.70	€ 130.74
FFT-40BHFBRL300	*40 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD	£115.70	€ 130.74
70 LITRE STEEL TANKS			
FFT-70	70L PLAIN TANK	£161.27	€ 182.23
FFT-70BHFB200	70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD	£168.28	€ 190.16
FFT-70BHFB250	70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD	£168.28	€ 190.16
FFT-70BHFB300	70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD	£168.28	€ 190.16
FFT-70BHFB350	70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD	£168.28	€ 190.16
FFT-70BHFBRL200	70 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD	£168.28	€ 190.16
FFT-70BHFBRL250	70 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD	£168.28	€ 190.16
FFT-70BHFBRL300	70 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD	£168.28	€ 190.16
FFT-70BHFBRL350	70 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD	£168.28	€ 190.16
100 LITRE STEEL TANKS			
FFT-100	100L PLAIN TANK	£204.52	€ 231.11
FFT-100BHFB200	100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 200MM OD	£212.70	€ 240.35
FFT-100BHFB250	100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD	£212.70	€ 240.35
FFT-100BHFB300	100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD	£212.70	€ 240.35
FFT-100BHFB350	100 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD	£212.70	€ 240.35
FFT-100BHFBRL200	100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 200MM OD	£212.70	€ 240.35
FFT-100BHFBRL250	100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD	£212.70	€ 240.35
FFT-100BHFBRL300	100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD	£212.70	€ 240.35
FFT-100BHFBRL350	100 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD	£212.70	€ 240.35
160 LITRE STEEL TANKS			
FFT-160	160L PLAIN TANK	£315.54	€ 356.56
FFT-160BHFB250	160 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD	£328.39	€ 371.08
FFT-160BHFB300	160 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD	£328.39	€ 371.08
FFT-160BHFB350	160 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD	£328.39	€ 371.08
FFT-160BHFBRL250	160 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD	£328.39	€ 371.08
FFT-160BHFBRL300	160 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD	£328.39	€ 371.08
FFT-160BHFBRL350	160 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD	£328.39	€ 371.08
250 LITRE STEEL TANKS			
FFT-250	250 L PLAIN TANK	£430.06	€ 485.97
FFT-250BHFB250	250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 250MM OD	£447.59	€ 505.78
FFT-250BHFB300	250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 300MM OD	£447.59	€ 505.78
FFT-250BHFB350C	250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 350MM OD	£447.59	€ 505.78
FFT-250BHFB400C	250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 400MM OD	£447.59	€ 505.78
FFT-250BHFB450C	250 L TANK WITH FILLER BREATHER HOLES & BELL HOUSING HOLE 450MM OD	£447.59	€ 505.78
FFT-250BHFBRL250C	250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 250MM OD	£447.59	€ 505.78
FFT-250BHFBRL300C	250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 300MM OD	£447.59	€ 505.78
FFT-250BHFBRL350C	250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 350MM OD	£447.59	€ 505.78
FFT-250BHFBRL400C	250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 400MM OD	£447.59	€ 505.78
FFT-250BHFBRL450C	250 L TANK WITH FILLER BREATHER HOLES, BELL HOUSING HOLE & RETURN LINE FILTER HOLES 450MM OD	£447.59	€ 505.78

# ALUMINIUM OIL TANKS

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**QUALITY PRODUCTS**

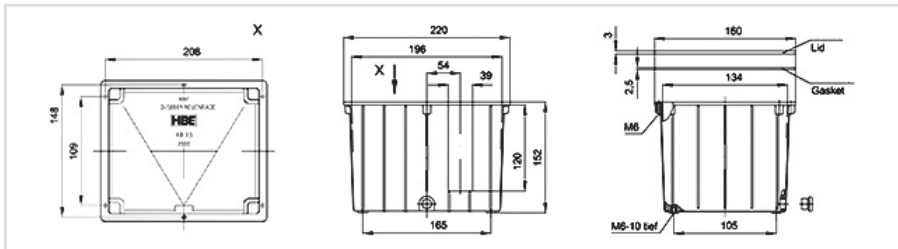


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## ALUMINIUM OIL TANKS AB 3,5

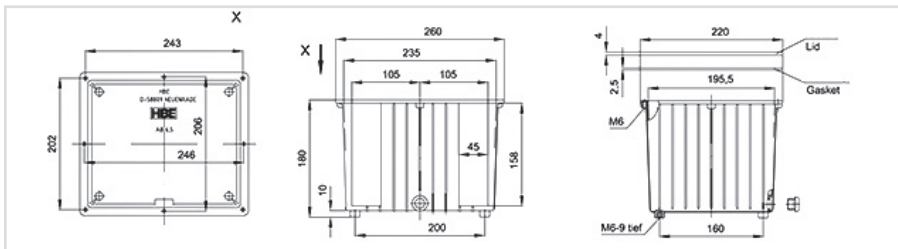
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TECH. DATA SHEET  
**AOT01**



PART NO.	ORDERING CODE	DESCRIPTION	NETT. PRICE	
			£ STERLING	€ EUROS
AT2000	AB 3,5	Tank Effective capacity approx. 3 L • weight 1,0 kg • stackable	£58.39	€ 65.98
AT 2200	SD 3,5	Steel lid machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing	£16.28	€ 18.39
AT 2230	D 3,5A	Gasket (paperboard)	£1.59	€ 1.79
AT 2238	D 3,5GK	Gasket (rubber cork)	£5.42	€ 6.12
AT2260	AS G 1/4"	Drain plug	£1.92	€ 2.17
AT2261	G 1/4"	CU-Gasket (14 x 18 x 1,5)	£0.63	€ 0.71
FT5C40	FT5C401	Filler (metal) 3 hole fixing	£8.02	€ 9.06
FLI Ml 2	FL1M12	Oil gauge* 76mm x M12	£9.80	€ 11.07

## ALUMINIUM OIL TANKS AB 6,5

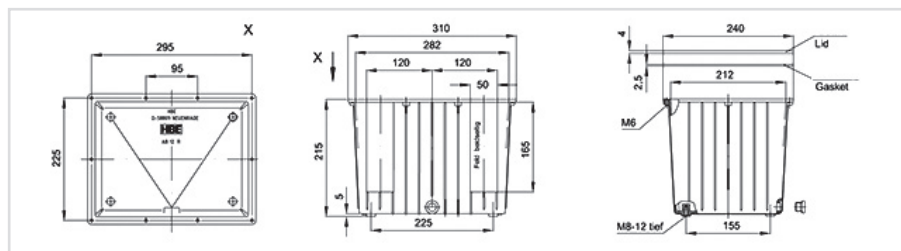
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PART NO.	ORDERING CODE	DESCRIPTION	NETT. PRICE	
			£ STERLING	€ EUROS
AT200S	AB 6,5	Tank Effective capacity approx. 6 L • weight 1,6 kg • stockable	£63.76	€ 72.04
AT220S	SD 6,5	Steel lid machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing	£19.14	€ 21.63
AT2239	D 6,5A	Gasket (paperboard)	£1.92	€ 2.17
AT2246	D 6,5GK	Gasket (rubber cork)	£5.73	€ 6.48
AT2262	AS G3/8"	Drain plug	£3.20	€ 3.62
AT2267	G3/8"	CU-Gasket (16x22x 2)	£0.63	€ 0.71
FT5C40	FT5C401	Filler (metal) 3 hole fixing	£8.02	€ 9.06
FL1M12	FL1M12	Oil gauge* 76mm x M12	£9.80	€ 11.07
FL2M12	FL2M12	Oil gauge* 127mm x M12	£10.76	€ 12.16

## ALUMINIUM OIL TANKS AB 12 NR

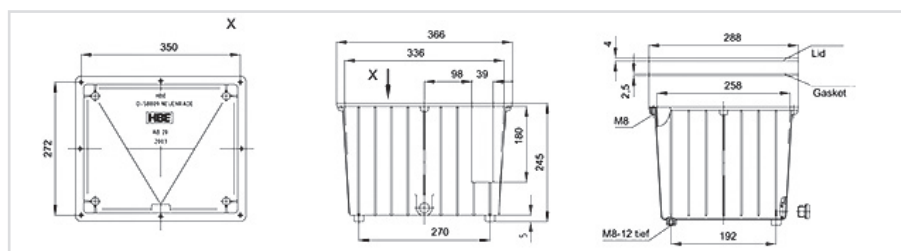
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PART NO.	ORDERING CODE	DESCRIPTION	NETT. PRICE	
			£ STERLING	€ EUROS
AT2007	AB 12 NR	Tank Effective capacity approx. 11 l • weight 3 kg • stackable	£77.53	€ 87.61
AT2216	SD 12 NR	Steel lid machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing	£26.82	€ 30.30
AT2236	D 12A NR	Gasket (paperboard)	£2.56	€ 2.90
AT2240	D 12GK NR	Gasket (rubber cork) Drain plug	£6.69	€ 7.56
AT2262	AS G 3/8"	Drain plug	£3.20	€ 3.62
AT2267	G 3/8"	CU Gasket (16x 22 x2)	£0.63	€ 0.71
FT5C40	FT5C401	Filler (metal) 3 hole fixing	£8.02	€ 9.06
FL1M12	FL1M12	Oil gauge* 76mm x M12	£9.80	€ 11.07
FL2M12	F12M12	Oil gauge 127mm x M12	£10.76	€ 12.16

## ALUMINIUM OIL TANKS AB 20

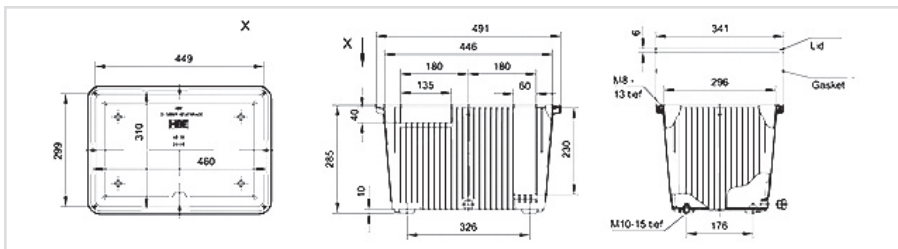
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**AOT01**



PART NO.	ORDERING CODE	DESCRIPTION	NETT. PRICE	
			£ STERLING	€ EUROS
AT2003	AB 20	Tank Effective capacity approx. 17 l • weight 4,4 kg • stackable	£119.96	€ 135.56
AT2203	SD 20	Steel lid machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing	£30.94	€ 34.97
AT2233	D 20 A	Gasket (paperboard)	£2.87	€ 3.24
AT2245	D 20 GK	Gasket (rubber cork) Drain plug	£8.31	€ 9.39
AT2263	AS G 1/2"	Drain plug	£4.14	€ 4.67
AT2268	G 1/2"	CU Gasket (21 x 26 x 1,5)	£0.97	€ 1.09
FT5C40	FT5C401	Filler (metal) 3 hole fixing	£8.02	€ 9.06
FL1M12	FL1M12	Oil gauge* 76mm x M12	£9.80	€ 11.07
FL2M12	F12M12	Oil gauge 127mm x M12	£10.76	€ 12.16

## ALUMINIUM OIL TANKS AB 30 NR

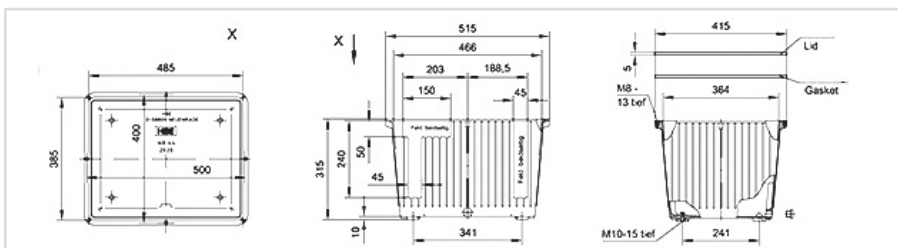
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**AOT01**



PART NO.	ORDERING CODE	DESCRIPTION	NETT. PRICE	
			£ STERLING	€ EUROS
AT2008	AB 30 NR	Tank Effective capacity approx. 26 l • weight 7 kg • stackable	£127.63	€ 144.22
AT2204	SD 30	Steel lid machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing	£43.41	€ 49.05
AT2210	AD 30	Aluminium Lid machined for reaming on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing	£70.97	€ 80.20
AT2234	D 30 NBR	Gasket ø 6 mm N8R	£8.32	€ 9.40
AT2263	AS G 1/2"	Drain plug	£4.14	€ 4.67
AT2268	G1/2"	CU Gasket (21 x 26 x 1,5)	£0.97	€ 1.09
AT2300	F 30	Aluminium feet for AB 30 (Set = 4 pcs.)	£12.03	€ 13.60
FT8C401	FT8C-40	Filler (metal) 3 hole fixing	£9.74	€ 11.01
FLI MI2	FL1M12	Oil gauge* 76mm x M12	£9.80	€ 11.07
FL2M12	FL2M12	Oil gauge 127mm x M12	£10.76	€ 12.16

## ALUMINIUM OIL TANKS AB 44

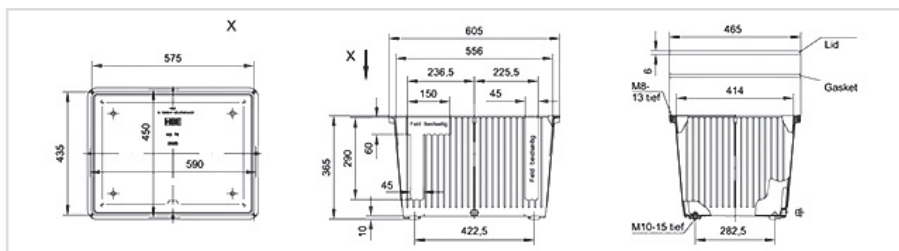
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**AOT01**



PART NO.	ORDERING CODE	DESCRIPTION	NETT. PRICE	
			£ STERLING	€ EUROS
AT 2020	AB 44	Tank Effective capacity approx. 40 l • weight 10 kg • stackable"	£227.47	€ 257.04
AT 2221	SD 44	Steel lid machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing	£59.98	€ 67.77
AT 2241	D 44 N8R	Gasket ø 6 mm N8R	£8.62	€ 9.74
AT2263	AS G1/2"	Drain plug	£4.14	€ 4.67
AT2268	G1/2"	CU-Gasket (21 x26 x2,5)	£0.97	€ 1.09
AT2300	F44	Aluminium feet Far AB 44 (Set-4 pcs.)	£12.03	€ 13.60
FT8C401	FT8C40	Filler (metal)- 6 hole fixing	£9.74	€ 11.01
FLI MI2	FLIM12	Oil gauge* 76mm x M12	£9.80	€ 11.07
FL2M12	F12M12	Oil gauge 127mm x MU	£10.76	€ 12.16
FL3M12	FL3M12	Oil gauge* 254mm x M12	£17.10	€ 19.33
2384	LR 150	Castors 150 mm*		

## ALUMINIUM OIL TANKS AB 70

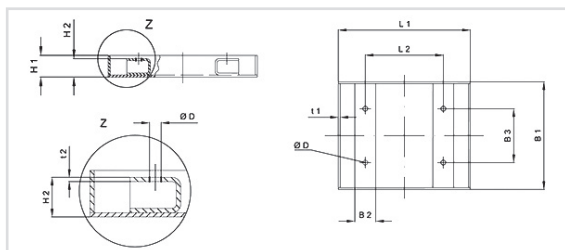
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TECH. DATA SHEET  
**AOT01**



PART NO.	ORDERING CODE	DESCRIPTION	NETT. PRICE	
			£ STERLING	€ EUROS
AT2025	AB 70	Tank Effective capacity approx. 63 l • weight 12 kg • stackable	£296.42	€ 334.95
AT2225	SD 70	Steel lid machined for mounting on the tank, otherwise unmachined, unprimed or completely machined acc. to customer's drawing	£63.36	€ 71.59
AT2242	D 70 NBR	Gasket ø 6 mm NBR 70° Shore	£9.26	€ 10.46
AT2263	AS G 1/2"	Drain plug	£4.14	€ 4.67
AT2268	G 1/2"	CU Gasket (21 x 26 x 2,5)	£0.97	€ 1.09
AT2300	F 70	Aluminium feet for AB 70 (Set = 4 pcs.)	£12.03	€ 13.60
FT8C401	FT8C40	Filler (metal) 6 hole fixing	£9.74	€ 11.01
FL1M12	FL1M12	Oil gauge* 76mm x M12	£9.80	€ 11.07
FL2M12	FL2M12	Oil gauge 127mm x M12	£10.76	€ 12.16
FL3M12	FL3M12	Oil gauge 254mm x M12	£17.10	€ 19.33
2384	LR 150	Castors 150 mm*		

## OIL SUMPS FOR ALUMINIUM TANKS

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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 <sub>1</sub>	L <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	H <sub>1</sub>	H <sub>2</sub>	t <sub>1</sub>	t <sub>2</sub>	D	£ STERLING	€ EUROS
OSAT1080	OW 12 ST	AB 12 NR	11,8	380	225	310	60	155	110	100	3	3	9,5	£389.85	€ 440.54
OSAT1081	OW 20 ST	AB 20	201.	570	270	350	60	192	110	100	3	3	9,5	£396.53	€ 448.08
OSAT1082	OW 30 ST	AB 30 NR	33 l.	550	326	400	60	176	160	150	3	5	12	£413.86	€ 467.66
O5AT1083	Ow 44 ST	AB 44	45L	600	341	500	60	241	160	150	3	5	12	£501.06	€ 566.20
OSAT1084	OW 70 ST	AB 70	63,51	730	422,5	580	60	282,5	160	150	3	5	12	£524.17	€ 592.31



# HYDRAULIC TANKS COMPLETE WITH ACCESSORIES

PRODUCT	PAGE
HYDRAULIC OIL TANK WITH TANK ACCESSORIES	495
FLOWFIT WELDLESS STEEL TANKS COMPLETE WITH ACCESSORIES	497



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## 14L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

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**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	£252.51	€ 285.34

## 22L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

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**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	£283.19	€ 320.00

## 39L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

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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	£358.51	€ 405.12

## 58L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

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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	£369.74	€ 417.80

## 75L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

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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	£460.19	€ 520.02

## 100L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

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**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	£531.75	€ 600.88

## 165L CAPACITY HYDRAULIC OIL TANK WITH TANK ACCESSORIES

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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	£647.62	€ 731.81

## FLOWFIT WELDLESS STEEL TANKS COMPLETE WITH ACCESSORIES

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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 description 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	£66.79	€ 75.47
FFT12KIT	12 Litre	1/2" Port 16 L/min	76mm	£76.53	€ 86.48
FFT25KIT	25 Litre	3/8" Port 15 L/min	76mm	£109.94	€ 124.23
FFT40KIT	40 Litre	3/4" Port 55 L/min	127mm	£129.40	€ 146.22
FFT70KIT	70 Litre	3/4" Port 55 L/min	127mm	£165.60	€ 187.12
FFT100KIT	100 Litre	1" Port 65 L/min	127mm	£203.16	€ 229.58
FFT160KIT	160 Litre	3/4" Port 55 L/min	254mm	£256.04	€ 289.33



### 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	£66.79	€ 75.47
FFT12KIT-P	12 Litre	1/2" Port 16 L/min	76mm	£76.53	€ 86.48
FFT25KIT-P	25 Litre	3/8" Port 15 L/min	76mm	£109.94	€ 124.23
FFT40KIT-P	40 Litre	3/4" Port 55 L/min	127mm	£129.40	€ 146.22
FFT70KIT-P	70 Litre	3/4" Port 55 L/min	127mm	£165.60	€ 187.12
FFT100KIT-P	100 Litre	1" Port 65 L/min	127mm	£203.16	€ 229.58
FFT160KIT-P	160 Litre	3/4" Port 55 L/min	254mm	£256.04	€ 289.33

# STEEL & STAINLESS STEEL OIL TANKS

PRODUCT	PAGE
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SS SERIES 304 STAINLESS STEEL TANK	499
TOP QUALITY, TOP OF THE RANGE DIN24339 HEAVY DUTY, HIGH SPECIFICATION TANKS	499



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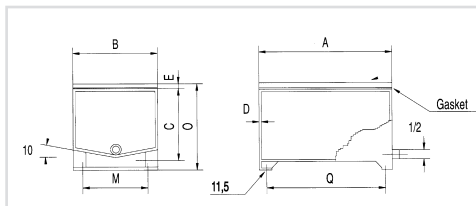


## HYDRAULIC TANKS

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.

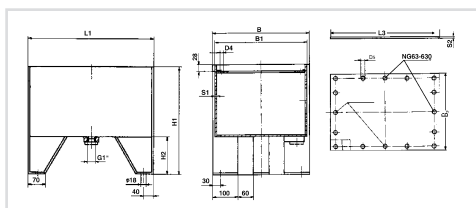
ORDER CODE	CAPACITY LITRES	LENGTH A	WIDTH B	HEIGHT C	THICKNESS (TANK) D	THICKNESS (LID) E	HOLE CTRS M	HEIGHT O	HOLE CTRS Q	WEIGHT KG	NETT. PRICE	
											£ STERLING	€ EUROS
HF12	14	335	270	235	3	4	208	290	285	16	£104.94	€ 118.58
HF16	22	410	325	250	3	4	270	305	364	20	£127.32	€ 143.87
HF30	39	470	375	280	3	4	312	335	428	28	£173.81	€ 196.40
HF55	58	600	470	310	3	4	401	365	548	38	£231.66	€ 261.78
HF75	75	600	470	400	3	4	401	455	548	45	£265.85	€ 300.41
HF100	100	675	520	450	3	5	455	505	625	55	£321.18	€ 362.94
HF180	165	805	620	500	3	5	555	555	755	70	£430.49	€ 486.45

### 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	£486.21	€ 549.42
SS16	22	410	325	250	3	4	270	305	364	20	£534.01	€ 603.43
SS30	39	470	375	280	3	4	312	335	428	28	£592.56	€ 669.59
SS55	58	600	470	310	3	4	401	365	548	38	£745.46	€ 842.37
SS75	75	600	470	400	3	4	401	455	548	45	£847.74	€ 957.94
SS100	100	675	520	450	3	4	455	505	625	55	£868.07	€ 980.92
SS180	165	805	620	500	3	4	555	555	755	70	£1,069.85	€ 1,208.92

## TOP QUALITY • TOP OF THE RANGE DIN24339 HEAVY DUTY • HIGH SPECIFICATION TANKS

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**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	£593.18	€ 670.29
HFSS250	250	110	1010	704	690	580	150	M10	4	998	678	12	7	£806.72	€ 911.59
HFSS300	300	150	1150	714	700	580	150	M10	4	1138	688	12	7	£963.36	€ 1,088.60
HFSS400	400	190	1514	749	735	580	150	M10	4	1500	720	14	8	£1,495.77	€ 1,690.22
HFSS630	630	285	1514	959	945	770	250	M10	4	1500	930	14	10	£1,809.91	€ 2,045.19
HFSS800	800	350	2014	914	900	770	250	M12	5	2000	880	14	10	£2,122.97	€ 2,398.96
HFSS1000	1000	420	2014	1079	1065	800	250	M12	5	2000	1045	14	10	£2,903.46	€ 3,280.91
HFSS1250	1250	540	2014	1349	1335	800	250	M12	5	2000	1315	14	10	£2,959.50	€ 3,344.23
HFSS1500	1500	650	2014	1444	1430	850	250	M12	5	2000	1410	18	10	£2,756.26	€ 3,114.57
HFSS2000	2000	800	2314	1564	1550	900	250	M12	6	2296	1528	18	10	£3,559.27	€ 4,021.97



# TANK HEATERS

PRODUCT	PAGE
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RHK-TUBE SCREWED-IN HEATERS	504
RHK-TH-TUBE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT	504



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## 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 heater is available

### FIELD OF APPLICATION

Preheating of hydraulic oil on mineral basis for a fast reaching of the operating temperature at hydraulic units.  
The optimum viscosity decreases the wear of the hydraulic components.

### VR



Immersion heaters with magnetic clamp, no mounting effort, ideal solution to retrofit existing installations. Protection IP 68. Integrated thermostat with switch-off temperature 40°C (standard).

### RHK



Tube screwed-in heater, protection IP 54. Screwed thread G 1 1/2".

### PTHK 90



Cartridge screwed-in tank heater with tube insert. Protection IP 65. This type of heating insert can be changed without evacuation of the oil tank. Screwed thread G 1 1/2" and G 2".

### RHK-TH



Tube screwed-in heater with temperature adjustment, external or internal regulation. Standard adjustable 0°C up to 85°C. Protection IP 54. Screwed thread G 1 1/2".

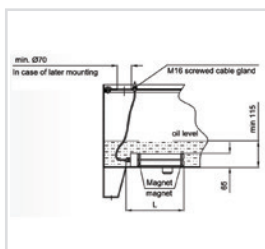
### PTHK 91 TH



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".

## VR IMMERSION HEATERS WITH MAGNETIC CLAMPS

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TECH. DATA SHEET  
**TH02**



### CONSTRUCTION/MATERIALS

- Heating elements protected by tubes made of stainless steel (14571)
- Cable connection made of brass
- Three-pole plastic cable, length 4m, with screwed cable gland M16 resistant to mineral oil, vegetable oil and lubricants as well as HFA and HFC liquids

- 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 clamps for fixing at tank bottom/partition wall
- Protection 1P68
- Integrated thermostat with switch-off temperature 40°C (standard)
- Integrated temperature limiter
- Surface charge: 1.2 W/cm<sup>2</sup> for HIP  
0.6 W/cm<sup>2</sup> for HFA/HFC/HFD-11

### MOUNTING

Insert the heater either horizontally to the bottom or vertically towards the tank wall. Fixation by magnetic clamp. 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 heater 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 clamps.

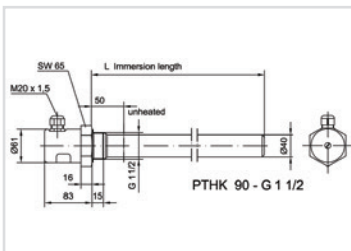
PART NO.	TYPE	POWER	L+ (MM)	VOLTAGE	W/cm <sup>2</sup>	THERMOSTAT	£ STERLING € EUROS	
TH1955	VR 125 W/0,6•M	125	200	230 V/AC	0,6 HFA/HFC/HFD.R	Switch-off temperature 40°C (Standard)	£641.77	€ 725.20
TH1956	VR 250 W/0,6•M	250	300	230 V/AC	0,6 HFA/HFC/HFD.R		£680.20	€ 768.63
TH1957	VR 500 W/0,6•M	500	500	230 V/AC	0,6 HFA/HFC/HFD•R		£718.34	€ 811.72
TH1960	VR 250 W/1,2•M	250	200	230 V/AC	1,2 HIP		£641.77	€ 725.20
TH1961	VR 500 W/1,2•M	500	300	230 V/AC	1,2 HLP		£679.99	€ 768.39
TH1962	VR 1000 W/1,2•M	1000	500	230 V/AC	1,2 HLP		£718.34	€ 811.72

- Special designs on request
- Accessories on request
- Protection tube for supply pipe

- Indicator heating process/disturbance in external case

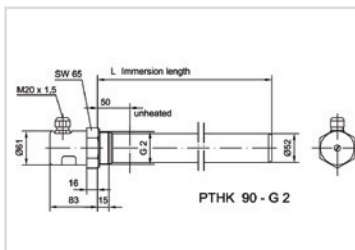
## CARTRIDGE SCREWED-IN HEATERS

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/cm<sup>2</sup> for hydraulic 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: 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	£336.39	€ 380.12
TH1707		600	300		£348.22	€ 393.49
TH1709		800	400		£355.50	€ 401.71
TH1711		1000	500		£368.27	€ 416.14
TH1713		1200	600		£375.59	€ 424.41
TH1715		1400	700		£387.43	€ 437.79
TH1717		1600	800		£397.47	€ 449.14
TH1719		1800	900		£413.86	€ 467.66
TH1721		2000	1000		£430.27	€ 486.20
TH1723		2200	1100		£448.52	€ 506.83
TH1725		2400	1200		£458.54	€ 518.14
TH1727		2800	1400		£478.61	€ 540.83
TH1729		3200	1600		£540.57	€ 610.85
TH1731		3600	1800		£574.32	€ 648.98
TH1733		4000	2000		£618.96	€ 699.43



PART NO.	TYPE	POWER	L+ (MM)	VOLTAGE	NETT. PRICE	
					£ STERLING	€ EUROS
TH1750	PTHK 90-G 2"	500	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	£352.79	€ 398.65
TH1752		750	300		£364.64	€ 412.05
TH1754		1000	400		£377.41	€ 426.48
TH1756		1250	500		£405.67	€ 458.40
TH1758		1450	600		£443.94	€ 501.65
TH1760		1700	700		£467.64	€ 528.43
TH1762		1950	800		£489.53	€ 553.17
TH1764		2200	900		£524.16	€ 592.30
TH1766		2450	1000		£542.40	€ 612.91
TH 1768		2700	1100		£579.77	€ 655.14
TH1770		2950	1200		£608.94	€ 688.10
TH1772		3450	1400		£628.11	€ 709.76
TH1774		3900	1600		£712.89	€ 805.56
TH1776		4400	1800		£759.37	€ 858.09
TH1778		4900	2000		£825.91	€ 933.28

PART NO.

1760

VARIATION

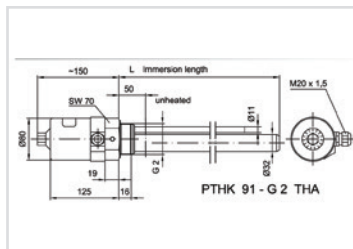
PTHK 90-G 2

VOLTAGE

2 X 380 V

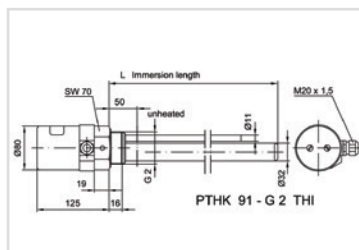
# CARTRIDGE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT

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/cm<sup>2</sup> 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
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	£834.11	€ 942.54
TH 1802		600	400		£844.13	€ 953.86
TH 1804		750	500		£855.09	€ 966.25
TH 1806		900	600		£866.02	€ 978.60
TH 1808		1050	700		£877.85	€ 991.97
TH 1810		1200	800		£888.80	€ 1,004.35
TH 1812		1350	900		£897.92	€ 1,014.65
TH 1814		1500	1000		£907.03	€ 1,024.95
TH 1816		1580	1100		£914.59	€ 1,033.49
TH 1818		1730	1200		£928.02	€ 1,048.66
TH 1820		1880	1300		£935.30	€ 1,056.89
TH 1822		2030	1400		£946.24	€ 1,069.25
TH 1824		2180	1500		£954.45	€ 1,078.53
TH 1826		2330	1600		£964.48	€ 1,089.86



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	£880.60	€ 995.08
TH1803		600	400		£891.54	€ 1,007.45
TH 1805		750	500		£899.76	€ 1,016.72
TH1807		900	600		£909.79	€ 1,028.07
TH 1809		1050	700		£925.28	€ 1,045.57
TH1811		1200	800		£933.47	€ 1,054.82
TH1813		1350	900		£942.57	€ 1,065.11
TH1815		1500	1000		£953.53	€ 1,077.48
TH1817		1580	1100		£964.48	€ 1,089.86
TH1819		1730	1200		£973.57	€ 1,100.13
TH1821		1880	1300		£982.71	€ 1,110.46
TH1823		2030	1400		£991.82	€ 1,120.76
TH1825		2180	1500		£1,000.92	€ 1,131.04
TH 1827		2330	1600		£1,013.68	€ 1,145.46

PART NO.

1808

VARIATION

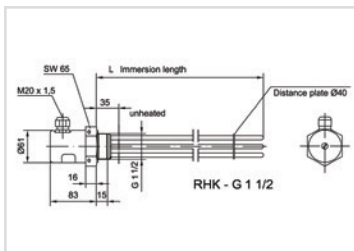
PTHK 91-G 2 THA

VOLTAGE

2 X 380 V

## RHK-TUBE SCREWED-IN HEATERS

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TECH. DATA SHEET  
**TH05**



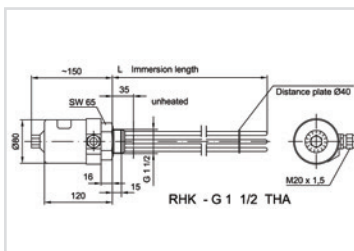
- Tube screwed-in heater for preheating of hydraulic oil
- Bright galvanized steel cop
- For horizontal mounting under oil level
- Material: Steel (further materials on request)
- Surface charge 1.5 W/cm<sup>2</sup> for hydraulic oils
- Protection IP 65
- Wiring schemes for different mains voltages on 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: 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	£240.66	€ 271.95
TH1832		500	250		£255.27	€ 288.45
TH1834		750	350		£279.87	€ 316.25
TH1836		990	450		£306.32	€ 346.14
TH1838		1450	650		£356.44	€ 402.78
TH1840		1825	800		£396.53	€ 448.08
TH1842		2300	1000		£450.32	€ 508.87

<b>PART NO.</b>	<b>VARIATION</b>	<b>VOLTAGE</b>
↓	↓	↓
<b>1832</b>	<b>RHK-G 1 1/2</b>	<b>2 X 380 V</b>

## RHK-TH-TUBE SCREWED-IN HEATERS WITH TEMPERATURE ADJUSTMENT

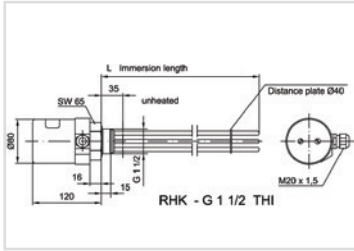
www.flowfitonline.com  
TECH. DATA SHEET  
**TH06**



- Tube screwed-in heater for preheating of hydraulic oil
- Temperature adjustment for internal (THI) and external 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/cm<sup>2</sup> 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: 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	£502.29	€ 567.59
TH1862		500	250		£516.87	€ 584.07
TH1864		750	350		£542.40	€ 612.91
TH1866		990	450		£568.85	€ 642.80
TH1868		1460	650		£619.89	€ 700.47
TH1870		1825	800		£656.34	€ 741.67
TH1872		2300	1000		£710.14	€ 802.45

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	£549.69	€ 621.14
TH1863		500	250		£560.61	€ 633.48
TH1865		750	350		£588.89	€ 665.45
TH1867		990	450		£611.68	€ 691.20
TH1869		1460	650		£664.56	€ 750.95
TH1871		1825	800		£701.93	€ 793.18
TH1873		2300	1000		£756.63	€ 854.99

<b>PART NO.</b>	<b>VARIATION</b>	<b>VOLTAGE</b>
↓	↓	↓
<b>1862</b>	<b>RHK G 1 1/2 THA</b>	<b>2 X 380 V</b>

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



# FILTREC TECHNICAL FILTRATION

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Sales Team**

# FILTREC RETURN LINE FILTERS

## IN-LINE RETURN FILTERS FA-1



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 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						
10 MICRON CELLULOSE						
				£ STERLING	€ EUROS	£ STERLING
						€ EUROS
ZZ004770	FA-1-10-C10-B-B4-R-R9	3/4" BSP	75 L/MIN	£22.71	€ 25.66	A110C10
						£9.94
						€ 11.24
ZZ004771	FA-1-11-C10-B-B4-R-R9	3/4" BSP	80 L/MIN	£38.50	€ 43.51	A111C10
						£17.23
						€ 19.47
ZZ004772	FA-1-20-C10-B-B6-R-R9	1 1/4" BSP	180 L/MIN	£47.33	€ 53.49	A120C10
						£14.57
						€ 16.47
ZZ004773	FA-1-21-C10-B-B6-R-R9	1 1/4" BSP	190 L/MIN	£49.22	€ 55.62	A121C10
						£25.18
						€ 28.45
ZZ004774	FA-1-30-C10-B-B7-R-R9	1 1/2" BSP	230 L/MIN	£62.48	€ 70.60	A120C10
						£14.57
						€ 16.47
ZZ004775	FA-1-31-C10-B-B7-R-R9	1 1/2" BSP	240 L/MIN	£75.73	€ 85.57	A121C10
						£25.18
						€ 28.45
ZZ004776	FA-1-40-C10-B-B7-R-R9	1 1/2" BSP	230 L/MIN	£145.15	€ 164.02	A120C10
						£14.57
						€ 16.47
25 MICRON CELLULOSE						
ZZ004777	FA-1-10-C25-B-B4-R-R9	3/4" BSP	80 L/MIN	£22.71	€ 25.66	A110C25
						£9.94
						€ 11.24
ZZ004778	FA-1-11-C25-B-B4-R-R9	3/4" BSP	85 L/MIN	£38.50	€ 43.51	A111C25
						£17.23
						€ 19.47
ZZ004779	FA-1-20-C25-B-B6-R-R9	1 1/4" BSP	190 L/MIN	£47.33	€ 53.49	A120C25
						£14.57
						€ 16.47
ZZ004780	FA-1-21-C25-B-B6-R-R9	1 1/4" BSP	195 L/MIN	£49.22	€ 55.62	A121C25
						£25.18
						€ 28.45
ZZ004781	FA-1-30-C25-B-B7-R-R9	1 1/2" BSP	250 L/MIN	£62.48	€ 70.60	A120C25
						£14.57
						€ 16.47
ZZ004782	FA-1-31-C25-B-B7-R-R9	1 1/2" BSP	270 L/MIN	£75.73	€ 85.57	A121C25
						£25.18
						€ 28.45
ZZ004783	FA-1-40-C25-B-B7-R-R9	1 1/2" BSP	250 L/MIN	£145.15	€ 164.02	A120C25
						£14.57
						€ 16.47

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 referring to the technical information.

### INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
MPB	Pressure Gauge 0 ÷ 10 BAR	£4.08	€ 4.61
MP0	Pressure Gauge 0 ÷ 16 BAR	£4.28	€ 4.84

# FILTREC TANK TOP RETURN LINE FILTERS

## TANK TOP RETURN SPIN-ON FILTERS FA-2



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-B-BM-B4-R9	3/4" BSP	80 L/MIN	£51.51	€ 58.21	A210C10BM	£16.56	€ 18.71
ZZ004785	FA-2-11-C10-B-BM-B4-R9	3/4" BSP	90 L/MIN	£51.51	€ 58.21	A211C10BM	£19.33	€ 21.84
ZZ004786	FA-2-20-C10-B-BM-B4-R9	1 1/2" BSP	250 L/MIN	£70.69	€ 79.88	A220C10BM	£23.32	€ 26.35
ZZ004787	FA-2-21-C10-B-BM-B4-R9	1 1/2" BSP	250 L/MIN	£71.95	€ 81.30	A221C10BM	£29.54	€ 33.38
25 MICRON CELLULOSE								
ZZ004788	FA-2-10-C25-B-BM-B4-R9	3/4" BSP	95 L/MIN	£51.51	€ 58.21	A210C25BM	£16.56	€ 18.71
ZZ004789	FA-2-11-C25-B-BM-B4-R9	3/4" BSP	105 L/MIN	£51.51	€ 58.21	A211C25BM	£19.33	€ 21.84
ZZ004790	FA-2-20-C25-B-BM-B4-R9	1 1/2" BSP	270 L/MIN	£70.69	€ 79.88	A220C25BM	£23.32	€ 26.35
ZZ004791	FA-2-21-C25-B-BM-B4-R9	1 1/2" BSP	280 L/MIN	£71.95	€ 81.30	A221C25BM	£29.54	€ 33.38
10 MICRON FIBREGLASS								
ZZ004792	FA-2-10-G10-B-BM-B4-R9	3/4" BSP	70 L/MIN	£67.38	€ 76.14	A210G10BM	£27.83	€ 31.44
ZZ004793	FA-2-11-G10-B-BM-B4-R9	3/4" BSP	75 L/MIN	£80.65	€ 91.14	A211G10BM	£38.43	€ 43.43
ZZ004794	FA-2-20-G10-B-BM-B4-R9	1 1/2" BSP	150 L/MIN	£105.19	€ 118.86	A220G10BM	£50.79	€ 57.39
ZZ004795	FA-2-21-G10-B-BM-B4-R9	1 1/2" BSP	160 L/MIN	£122.21	€ 138.10	A221G10BM	£64.41	€ 72.78

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 referring to the technical information.

### INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
MPB	Pressure Gauge 0 + 10 BAR	£4.08	€ 4.61

# TANK TOP RETURN FILTER FR-1



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TECH. DATA SHEET  
**FTF03**



## 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

**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-C10B-B-B2-0-C-R10	3/8"BSP	50 L/MIN	£20.19	€ 22.82	R110C10B	£7.63	€ 8.63
ZZ004852	FR-1-10-C10B-B-B3-0-C-R10	1/2"BSP	50L/MIN	£20.19	€ 22.82	R110C10B	£7.63	€ 8.63
ZZ004854	FR-1-11-C10B-B-B2-0-C-R10	3/8"BSP	60 L/MIN	£25.10	€ 28.36	R111C10B	£17.83	€ 20.15
ZZ004855	FR-1-11-C10B-B-B3-0-C-R10	1/2"BSP	60 L/MIN	£25.10	€ 28.36	R111C10B	£17.83	€ 20.15
ZZ004857	FR-1-20-C10B-B-B3-0-C-R10	1/2"BSP	65 L/MIN	£23.35	€ 26.39	R120C10B	£8.88	€ 10.04
ZZ004858	FR-1-20-C10B-B-B4-0-C-R10	3/4"BSP	70 L/MIN	£23.35	€ 26.39	R120C10B	£8.88	€ 10.04
ZZ004859	FR-1-22-C10B-B-B5-0-C-R10	1"BSP	100 L/MIN	£25.24	€ 28.52	R122C10B	£9.88	€ 11.16
ZZ004860	FR-1-30-C10B-B-B5-0-C-R10	1"BSP	150 L/MIN	£35.87	€ 40.53	R130C10B	£13.25	€ 14.97
ZZ004861	FR-1-40-C10B-B-B7-0-C-R10	1 1/2"BSP	250 L/MIN	£56.30	€ 63.62	R140C10B	£14.92	€ 16.86
ZZ004862	FR-1-43-C10B-B-B7-0-C-R10	1 1/2"BSP	270 L/MIN	£59.31	€ 67.03	R143C10B	£17.89	€ 20.22
ZZ004863	FR-1-50-C10B-B-B8-0-C-R10	2"BSP	340 L/MIN	£87.44	€ 98.81	R150C10B	£17.06	€ 19.28
ZZ004864	FR-1-51-C10B-B-B8-0-C-R10	2"BSP	390 L/MIN	£97.90	€ 110.63	R151C10B	£19.18	€ 21.68
ZZ004865	FR-1-60-C10B-B-B8-0-C-R10	2"BSP	560 L/MIN	£63.11	€ 71.31	R160C10B	£19.18	€ 21.68
ZZ004866	FR-1-64-C10B-B-B8-0-C-R10	2"BSP	600 L/MIN	£82.05	€ 92.71	R164C10B	£25.60	€ 28.93
25 MICRON CELLULOSE								
ZZ004867	FR-1-10-C25B-B-B2-0-C-R10	3/8"BSP	55 L/MIN	£20.19	€ 22.82	R110C25B	£7.63	€ 8.63
ZZ004868	FR-1-10-C25B-B-B3-0-C-R10	1/2"BSP	55 L/MIN	£20.19	€ 22.82	R110C25B	£7.63	€ 8.63
ZZ004870	FR-1-11-C25B-B-B2-0-C-R10	3/8"BSP	65 L/MIN	£25.10	€ 28.36	R111C25B	£17.83	€ 20.15
ZZ004871	FR-1-11-C25B-B-B3-0-C-R10	1/2"BSP	65 L/MIN	£25.10	€ 28.36	R111C25B	£17.83	€ 20.15
ZZ004972	FR-1-20-C25B-B-B3-0-C-R10	1/2"BSP	75 L/MIN	£23.35	€ 26.39	R120C25B	£8.88	€ 10.04
ZZ004973	FR-1-20-C25B-B-B4-0-C-R10	3/4"BSP	85 L/MIN	£23.35	€ 26.39	R120C25B	£8.88	€ 10.04
ZZ004974	FR-1-22-C25B-B-B5-0-C-R10	1"BSP	110 L/MIN	£25.24	€ 28.52	R122C25B	£9.88	€ 11.16
ZZ004975	FR-1-30-C25B-B-B5-0-C-R10	1"BSP	180 L/MIN	£35.87	€ 40.53	R130C25B	£13.25	€ 14.97
ZZ004976	FR-1-40-C25B-B-B7-0-C-R10	1 1/2"BSP	300 L/MIN	£56.30	€ 63.62	R140C25B	£14.92	€ 16.86
ZZ004977	FR-1-43-C25B-B-B7-0-C-R10	1 1/2"BSP	350 L/MIN	£59.31	€ 67.03	R143C25B	£21.37	€ 24.15
ZZ004978	FR-1-50-C25B-B-B8-0-C-R10	2"BSP	360 L/MIN	£87.44	€ 98.81	R150C25B	£17.06	€ 19.28
ZZ004979	FR-1-51-C25B-B-B8-0-C-R10	2"BSP	420 L/MIN	£97.90	€ 110.63	R151C25B	£19.18	€ 21.68
ZZ004980	FR-1-60-C25B-B-B8-0-C-R10	2"BSP	580 L/MIN	£63.11	€ 71.31	R160C25B	£19.18	€ 21.68
ZZ004981	FR-1-64-C10B-B-B8-0-C-R10	2"BSP	600 L/MIN	£82.05	€ 92.71	R164C25B	£25.60	€ 28.93

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 referring to the technical information.

#### OPTIONAL EXTRAS

VITON SEALS	NETT. PRICE	
	£ STERLING	€ EUROS
FR1-10	£3.36	€ 3.80
FR1-20/FR1-30	£8.28	€ 9.36
FR1-40	£14.01	€ 15.83
FR1-50	£34.51	€ 39.00
FR1-60	£34.51	€ 39.00
FILLER CAPS - BUNA		
FR1-10	£4.64	€ 5.24
FR1-20/FR1-30	£4.90	€ 5.54
FR1-40	£5.27	€ 5.96
FR1-50	£12.59	€ 14.23
FR1-60	£12.59	€ 14.23
FILLER CAPS - VITON		
FR1-10/1-20/1-30	£5.78	€ 6.53
FR1-40	£6.42	€ 7.25
FR1-50/1-60	£15.57	€ 17.60

#### INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
MPB	Pressure Gauge Rear Connection for 'B' Bypass	£4.08	€ 4.61
MRB	Pressure Gauge Radial Connection for 'B' Bypass	£3.68	€ 4.16

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**FREE SYSTEM**  
**EVALUATION**  
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 requirements  
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# TANK TOP RETURN FILTER FR-8



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TECH. DATA SHEET  
**FTF04**



## FILTER HOUSING TECHNICAL INFORMATION

**Description:** Tank top mounting design return line with reusable or disposable element.

**Max flow rate:** 150 l/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	£97.89	€ 110.62	R110C10B	£7.63	€ 8.63
ZZ004874	FR-8-11-C10-B-B4-O-10-C-R1	3/4" BSP	24 L/MIN	£113.44	€ 128.19	R111C10B	£17.83	€ 20.15
ZZ004875	FR-8-20-C10-B-B6-O-10-C-R1	1 1/4" BSP	50 L/MIN	£132.37	€ 149.58	R120C10B	£8.88	€ 10.04
ZZ004876	FR-8-22-C10-B-B6-O-10-C-R1	1 1/4" BSP	80 L/MIN	£135.70	€ 153.34	R122C10B	£9.88	€ 11.16
ZZ004877	FR-8-30-C10-B-B6-O-10-C-R1	1 1/4" BSP	120 L/MIN	£153.32	€ 173.25	R130C10B	£13.25	€ 14.97
25 MICRON CELLULOSE								
ZZ004878	FR-8-10-C25-B-B4-O-10-C-R1	3/4" BSP	32 L/MIN	£97.89	€ 110.62	R110C25B	£7.63	€ 8.63
ZZ004879	FR-8-11-C25-B-B4-O-10-C-R1	3/4" BSP	48 L/MIN	£113.44	€ 128.19	R111C25B	£17.83	€ 20.15
ZZ004880	FR-8-20-C25-B-B6-O-10-C-R1	1 1/4" BSP	80 L/MIN	£132.37	€ 149.58	R120C25B	£8.88	€ 10.04
ZZ004881	FR-8-22-C25-B-B6-O-10-C-R1	1 1/4" BSP	100 L/MIN	£135.70	€ 153.34	R122C25B	£9.88	€ 11.16
ZZ004882	FR-8-30-C25-B-B6-O-10-C-R1	1 1/4" BSP	140 L/MIN	£153.33	€ 173.26	R130C25B	£16.97	€ 19.17

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 referring to the technical information.

## OPTIONAL EXTRAS

VITON SEALS	NETT. PRICE	
	£ STERLING	€ EUROS
FR-8-10 Series	£16.21	€ 18.32
FR-8-20 & 8-30 Series	£6.22	€ 7.02
SECONDARY PORT		
FR-8-10 Series		
FR-8-20 & 8-30 Series	£2.86	€ 3.23
INDICATOR POSITION		
Options C,D & S	£3.22	€ 3.64
INDICATORS		
R2 Pressure switch O.C 1.3 Bar 18.85 O.C	£17.49	€ 19.77
R3 Pressure switch C.C 1.3 Bar 18.85 Psi C.C	£17.23	€ 19.47
R6 Visual pressure 1.2 Bar 17.4 Psi	£21.63	€ 24.44
R7 Pressure vacuum gauge -1 - 5 Bar -14.5-72.5 Psi	£6.05	€ 6.83



# TANK TOP RETURN FILTER FCR-7



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	60 L/MIN	£83.76	€ 94.65	R711G10	£22.91	€ 25.89
ZZ004797	FCR-7-12-G10-B6-O-V17-O-O-O-C-R1	1 1/4" BSP	65 L/MIN	£86.71	€ 97.98	R712G10	£25.75	€ 29.09
ZZ004798	FCR-7-13-G10-B6-O-V17-O-O-O-C-R1	1 1/4" BSP	75 L/MIN	£92.72	€ 104.77	R713G10	£36.08	€ 40.77
ZZ004799	FCR-7-14-G10-B6-O-V17-O-O-O-C-R1	1 1/4" BSP	90 L/MIN	£100.86	€ 113.98	R714G10	£46.61	€ 52.67
ZZ004800	FCR-7-20-G10-B7-O-V17-O-O-O-C-R1	1 1/2" BSP	175 L/MIN	£173.60	€ 196.16	R720G10	£48.13	€ 54.39
ZZ004801	FCR-7-21-G10-B7-O-V17-O-O-O-C-R1	1 1/2" BSP	200 L/MIN	£179.58	€ 202.93	R721G10	£56.10	€ 63.39
ZZ004802	FCR-7-22-G10-B7-O-V17-O-O-O-C-R1	1 1/2" BSP	250 L/MIN	£200.76	€ 226.86	R722G10	£83.06	€ 93.85
ZZ004803	FCR-7-30-G10-B8-O-V17-O-O-O-C-R1	2" BSP	270 L/MIN	£289.49	€ 327.12	R730G10	£57.07	€ 64.49
ZZ004804	FCR-7-31-G10-B8-O-V17-O-O-O-C-R1	2" BSP	330 L/MIN	£299.31	€ 338.22	R731G10	£69.97	€ 79.07
ZZ004805	FCR-7-32-G10-B8-O-V17-O-O-O-C-R1	2" BSP	400 L/MIN	£323.01	€ 365.00	R732G10	£86.80	€ 98.09
ZZ004806	FCR-7-33-G10-B8-O-V17-O-O-O-C-R1	2" BSP	400 L/MIN	£314.30	€ 355.16	R733G10	£87.06	€ 98.37
25 MICRON FIBREGLASS								
ZZ004807	FCR-7-11-G25-B6-O-V17-O-O-O-C-R1	1 1/4" BSP	70 L/MIN	£83.76	€ 94.65	R711G25	£22.91	€ 25.89
ZZ004808	FCR-7-12-G25-B6-O-V17-O-O-O-C-R1	1 1/4" BSP	80 L/MIN	£86.71	€ 97.98	R712G25	£25.75	€ 29.09
ZZ004809	FCR-7-13-G25-B6-O-V17-O-O-O-C-R1	1 1/4" BSP	90 L/MIN	£92.72	€ 104.77	R713G25	£36.08	€ 40.77
ZZ004810	FCR-7-14-G25-B6-O-V17-O-O-O-C-R1	1 1/4" BSP	100 L/MIN	£100.86	€ 113.98	R714G25	£46.61	€ 52.67
ZZ004811	FCR-7-20-G25-B7-O-V17-O-O-O-C-R1	1 1/2" BSP	200 L/MIN	£173.60	€ 196.16	R720G25	£48.13	€ 54.39
ZZ004812	FCR-7-21-G25-B7-O-V17-O-O-O-C-R1	1 1/2" BSP	250 L/MIN	£179.58	€ 202.93	R721G25	£56.10	€ 63.39
ZZ004813	FCR-7-22-G25-B7-O-V17-O-O-O-C-R1	1 1/2" BSP	250 L/MIN	£200.76	€ 226.86	R722G25	£83.06	€ 93.85
ZZ004814	FCR-7-30-G25-B8-O-V17-O-O-O-C-R1	2" BSP	360 L/MIN	£289.49	€ 327.12	R730G25	£57.07	€ 64.49
ZZ004815	FCR-7-31-G25-B8-O-V17-O-O-O-C-R1	2" BSP	450 L/MIN	£299.31	€ 338.22	R731G25	£69.97	€ 79.07
ZZ004816	FCR-7-32-G25-B8-O-V17-O-O-O-C-R1	2" BSP	480 L/MIN	£323.01	€ 365.00	R732G25	£87.06	€ 98.37
ZZ004817	FCR-7-33-G25-B8-O-V17-O-O-O-C-R1	2" BSP	580 L/MIN	£314.30	€ 355.16	R733G25	£87.06	€ 98.37

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 referring to the technical information.

## OPTIONAL EXTRAS

VITON SEALS		NETT. PRICE	
		£ STERLING	€ EUROS
FCR-7-11 Series		£52.70	€ 59.55
FCR-7-20 series		£77.19	€ 87.22
FCR-7-30 Series		£101.20	€ 114.35
SECONDARY PORTS			
All series		£5.90	€ 6.67

## OPTIONAL EXTRAS CONTINUED ON NEXT PAGE

## OPTIONAL EXTRAS

MAGNETS	NETT. PRICE	
	£ STERLING	€ EUROS
FCR-7-11 Series	£28.57	€ 32.28
FCR-7-20 series	£52.53	€ 59.36
FCR-7-30 Series	£76.23	€ 86.14
DIFFUSERS		
FCR-7-11	£53.64	€ 60.62
FCR-7-12	£53.64	€ 60.62
FCR-7-13	£57.26	€ 64.70
FCR-7-14	£61.06	€ 68.99
FCR-7-20	£88.58	€ 100.09
FCR-7-21	£116.41	€ 131.55
FCR-7-22	£125.59	€ 141.92
FCR-7-30	£89.70	€ 101.36
FCR-7-31	£98.58	€ 111.40
FCR-7-32	£107.56	€ 121.55
FCR-7-33	£118.43	€ 133.83
FILLER CAP		
FCR-7-20 series	£15.27	€ 17.25
FCR-7-30 Series	£17.91	€ 20.24

## INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
MPB	Pressure Gauge Rear Connection		
MRB	Pressure Gauge Radial Connection		
PDB	Pressure Switch		

## IN TANK RETURN LINE FILTER FVR-7



ORDER CODE	DESCRIPTION	FLOW RATE	NETT. PRICE		ELEMENT	NETT. PRICE	
10 MICRON CELLULOSE							
			£ STERLING	€ EUROS			
			£ STERLING	€ EUROS			
ZZ004818	FVR-7-11-C10B-B-0-0	110 L/MIN	£45.19	€ 51.07	R711C10	£16.49	€ 18.63
ZZ004819	FVR-7-12-C10B-B-0-0	120 L/MIN	£46.88	€ 52.98	R712C10	£17.64	€ 19.93
ZZ004820	FVR-7-13-C10B-B-0-0	200 L/MIN	£50.67	€ 57.26	R713C10	£24.65	€ 27.86
ZZ004821	FVR-7-14-C10B-B-0-0	220 L/MIN	£58.24	€ 65.82	R714C10	£30.74	€ 34.74
ZZ004822	FVR-7-20-C10B-B-0-0	250 L/MIN	£71.40	€ 80.68	R720C10	£27.79	€ 31.41
ZZ004823	FVR-7-21-C10B-B-0-0	270 L/MIN	£73.83	€ 83.42	R721C10	£30.83	€ 34.84
ZZ004824	FVR-7-22-C10B-B-0-0	300 L/MIN	£83.87	€ 94.78	R722C10	£42.65	€ 48.20
ZZ004825	FVR-7-30-C10B-B-0-0	300 L/MIN	£177.35	€ 200.40	R730C10	£32.72	€ 36.97
ZZ004826	FVR-7-31-C10B-B-0-0	400 L/MIN	£182.00	€ 205.66	R731C10	£37.44	€ 42.31
ZZ004827	FVR-7-32-C10B-B-0-0	500 L/MIN	£193.32	€ 218.45	R732C10	£51.07	€ 57.71
ZZ004828	FVR-7-33-C10B-B-0-0	600 L/MIN	£189.92	€ 214.61	R733C10	£45.73	€ 51.67
ZZ004829	FVR-7-11-G10B-B-0-0	60 L/MIN	£48.97	€ 55.34	R711G10	£22.91	€ 25.89
ZZ004830	FVR-7-12-G10B-B-0-0	80 L/MIN	£51.83	€ 58.57	R712G10	£25.75	€ 29.09
ZZ004831	FVR-7-13-G10B-B-0-0	100 L/MIN	£57.68	€ 65.17	R713G10	£36.08	€ 40.77
ZZ004832	FVR-7-14-G10B-B-0-0	140 L/MIN	£68.18	€ 77.04	R714G10	£46.61	€ 52.67
ZZ004833	FVR-7-20-G10B-B-0-0	180 L/MIN	£84.82	€ 95.85	R720G10	£48.13	€ 54.39
ZZ004834	FVR-7-21-G10B-B-0-0	200 L/MIN	£90.71	€ 102.50	R721G10	£56.10	€ 63.39
ZZ004835	FVR-7-22-G10B-B-0-0	280 L/MIN	£111.27	€ 125.73	R722G10	£83.06	€ 93.85
ZZ004836	FVR-7-30-G10B-B-0-0	300 L/MIN	£193.45	€ 218.60	R730G10	£57.07	€ 64.49
ZZ004837	FVR-7-31-G10B-B-0-0	330 L/MIN	£203.88	€ 230.38	R731G10	£69.97	€ 79.07
ZZ004838	FVR-7-32-G10B-B-0-0	400 L/MIN	£226.32	€ 255.74	R732G10	£87.01	€ 98.33
ZZ004839	FVR-7-33-G10B-B-0-0	400 L/MIN	£217.82	€ 246.14	R733G10	£87.06	€ 98.37
ZZ004840	FVR-7-11-G25B-B-0-0	100 L/MIN	£48.97	€ 55.34	R711G25	£22.91	€ 25.89
ZZ004841	FVR-7-12-G25B-B-0-0	120 L/MIN	£51.83	€ 58.57	R712G25	£25.75	€ 29.09
ZZ004842	FVR-7-13-G25B-B-0-0	180 L/MIN	£57.68	€ 65.17	R713G25	£36.08	€ 40.77
ZZ004843	FVR-7-14-G25B-B-0-0	200 L/MIN	£68.18	€ 77.04	R714G25	£46.61	€ 52.67
ZZ004844	FVR-7-20-G25B-B-0-0	200 L/MIN	£84.82	€ 95.85	R720G25	£48.13	€ 54.39
ZZ004845	FVR-7-21-G25B-B-0-0	240 L/MIN	£90.71	€ 102.50	R721G25	£56.10	€ 63.39
ZZ004846	FVR-7-22-G25B-B-0-0	360 L/MIN	£111.27	€ 125.73	R722G25	£83.06	€ 93.85
ZZ004847	FVR-7-30-G25B-B-0-0	360 L/MIN	£193.45	€ 218.60	R730G25	£57.07	€ 64.49
ZZ004848	FVR-7-31-G25B-B-0-0	400 L/MIN	£203.88	€ 230.38	R731G25	£69.97	€ 79.07
ZZ004849	FVR-7-32-G25B-B-0-0	420 L/MIN	£226.32	€ 255.74	R732G25	£87.06	€ 98.37
ZZ004850	FVR-7-33-G25B-B-0-0	440 L/MIN	£217.82	€ 246.14	R733G25	£87.06	€ 98.37

## TECHNICAL INFORMATION:

**Description:** In tank mounting design return line with reusable or disposable element.

**Max flow rate:**  
600 l/min (158 gpm)

**Working temperature:**  
-30C + 110C

**By-pass setting:**  
0,8 or 1,7 Bar

**Materials: Head:**  
Aluminium

**Seal:**  
Buna-N /Viton

## FILTER ELEMENT

**Filter media:**  
Microglass fiber  
3,6,10,25um  
Cellulose 10, 25um  
Wire mesh,  
10,25,40,60,100,120 um

**Collapse pressure:**  
As per ISO 2941: 10 Bar  
(145 psi)



The given Flow Rates may differ if non Filtrec Housing is used for the FVR-7 Filter.

# FILTREC LOW PRESSURE INLINE FILTER

## INLINE SPIN-ON FILTER FA-4



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®

**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- 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

ORDER CODE	DESCRIPTION	PORTS	FLOW RATE	NETT. PRICE	ELEMENT	NETT. PRICE
<b>10 MICRON CELLULOSE</b>						
				£ STERLING	€ EUROS	
ZZ004883	FA-4-05-C10-B-B4-D-Z34	3/4" BSP	70 L/MIN	£77.94	€ 88.07	A405C10
ZZ004884	FA-4-11-C10-B-B4-D-Z34	3/4" BSP	80 L/MIN	£77.63	€ 87.72	A411C10
ZZ004885	FA-4-12-C10-B-B5-D-Z34	1" BSP	110 L/MIN	£81.03	€ 91.56	A412C10
ZZ004886	FA-4-13-C10-B-B5-D-Z34	1" BSP	160 L/MIN	£81.21	€ 91.76	A413C10
ZZ004887	FA-4-21-C10-B-B6-D-Z34	1 1/4" BSP	200 L/MIN	£105.64	€ 119.37	A421C10
<b>10 MICRON FIBREGLASS</b>						
ZZ004888	FA-4-05-G10-B-B4-D-Z34	3/4" BSP	60 L/MIN	£77.45	€ 87.52	A405G10
ZZ004889	FA-4-11-G10-B-B4-D-Z34	3/4" BSP	70 L/MIN	£79.11	€ 89.39	A411G10
ZZ004890	FA-4-12-G10-B-B5-D-Z34	1" BSP	100 L/MIN	£81.40	€ 91.98	A412G10
ZZ004891	FA-4-13-G10-B-B5-D-Z34	1" BSP	120 L/MIN	£83.77	€ 94.66	A413G10
ZZ004892	FA-4-21-G10-B-B6-D-Z34	1 1/4" BSP	200 L/MIN	£110.53	€ 124.90	A421G10
<b>25 MICRON FIBREGLASS</b>						
ZZ004893	FA-4-05-G25-B-B4-D-Z34	3/4" BSP	80 L/MIN	£77.37	€ 87.43	A405G25
ZZ004894	FA-4-11-G25-B-B4-D-Z34	3/4" BSP	100 L/MIN	£78.59	€ 88.81	A411G25
ZZ004895	FA-4-12-G25-B-B5-D-Z34	1" BSP	120 L/MIN	£81.40	€ 91.98	A412G25
ZZ004896	FA-4-13-G25-B-B5-D-Z34	1" BSP	140 L/MIN	£82.85	€ 93.61	A413G25
ZZ004897	FA-4-21-G25-B-B6-D-Z34	1 1/4" BSP	200 L/MIN	£108.84	€ 122.99	A421G25

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 referring to the technical information.

### INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE
		£ STERLING
Z34	Differential Visual 2,7 Bar	€ EUROS
Z35	Differential Electrical 2,7 Bar	£20.66
		€ 23.35

# FILTREC SUCTION LINE FILTERS

## SUCTION LINE SPIN-ON FILTER FA-1



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-T60B-B4-S-S1	3/4" BSP	30 L/MIN	£53.80	€ 60.80	A110T60	£18.55	€ 20.97
ZZ004899	FA-1-11-T60B-B4-S-S1	3/4" BSP	40 L/MIN	£54.90	€ 62.04	A111T60	£35.11	€ 39.68
ZZ004900	FA-1-20-T60B-B6-S-S1	1 1/4" BSP	95 L/MIN	£73.84	€ 83.43	A120T60	£31.14	€ 35.19
ZZ004901	FA-1-21-T60B-B6-S-S1	1 1/4" BSP	100 L/MIN	£80.15	€ 90.57	A121T60	£53.00	€ 59.89
ZZ004902	FA-1-30-T60B-B7-S-S1	1 1/2" BSP	150 L/MIN	£93.40	€ 105.54	A120T60	£31.14	€ 35.19
ZZ004903	FA-1-31-T60B-B7-S-S1	1 1/2" BSP	150 L/MIN	£100.34	€ 113.38	A121T60	£53.00	€ 59.89
ZZ004904	FA-1-40-T60B-B7-S-S1	1 1/2" BSP	150 L/MIN	£244.55	€ 276.34	A120T60	£46.39	€ 52.42
125 MICRON WIREMESH								
ZZ004905	FA-1-10-T125B-B4-S-S1	3/4" BSP	40 L/MIN	£40.39	€ 45.64	A110T125	£17.23	€ 19.47
ZZ004906	FA-1-11-T125B-B4-S-S1	3/4" BSP	40 L/MIN	£60.00	€ 67.80	A111T125	£39.75	€ 44.92
ZZ004907	FA-1-20-T125B-B6-S-S1	1 1/4" BSP	100 L/MIN	£54.90	€ 62.04	A120T125	£31.14	€ 35.19
ZZ004908	FA-1-21-T125B-B6-S-S1	1 1/4" BSP	110 L/MIN	£75.73	€ 85.57	A121T125	£48.36	€ 54.65
ZZ004909	FA-1-30-T125B-B7-S-S1	1 1/2" BSP	180 L/MIN	£93.40	€ 105.54	A120T125	£31.14	€ 35.19
ZZ004910	FA-1-31-T125B-B7-S-S1	1 1/2" BSP	180 L/MIN	£171.42	€ 193.71	A121T125	£53.00	€ 59.89
ZZ004911	FA-1-40-T125B-B7-S-S1	1 1/2" BSP	180 L/MIN	£265.83	€ 300.39	A120T125	£46.39	€ 52.42

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 referring to the technical information.

### INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
MPS	Vacuum Gauge 0 ÷ -1 Bar	£7.90	€ 8.93

# FILTREC SUCTION STRAINERS

## SUCTION STRAINERS FS-1



www.flowfitonline.com  
TECH. DATA SHEET  
**FTF08**



### FILTER HOUSING TECHNICAL INFORMATION

**Description:** Suction strainers for fluid reservoirs.

**Max flow rate:** 500 l/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	16 L/MIN	3/8" BSP	91mm	46mm	£10.23	€ 11.56
FS111B3T125	26 L/MIN	1/2" BSP	106mm	46mm	£10.35	€ 11.70
FS120B4T125	45 L/MIN	3/4" BSP	109mm	64mm	£11.82	€ 13.36
FS121B5T125	65 L/MIN	1" BSP	139mm	64mm	£12.35	€ 13.95
FS130B5T125	65 L/MIN	1" BSP	139mm	86mm	£15.12	€ 17.09
FS130B6T125	110 L/MIN	1 1/4" BSP	139mm	86mm	£14.76	€ 16.68
FS130B7T125	150 L/MIN	1 1/2" BSP	139mm	86mm	£14.76	€ 16.68
FS133B7T125	150 L/MIN	1 1/2" BSP	200mm	86mm	£16.44	€ 18.58
FS134B8T125	240 L/MIN	2" BSP	260mm	86mm	£18.39	€ 20.78
FS140B7T125	150 L/MIN	1 1/2" BSP	151mm	150mm	£25.20	€ 28.48
FS140B8T125	240 L/MIN	2" BSP	151mm	150mm	£24.34	€ 27.50
FS142B9T125	380 L/MIN	2 1/2" BSP	212mm	150mm	£27.92	€ 31.55
FS143B10T125	500 L/MIN	3" BSP	272mm	150mm	£31.02	€ 35.05
FS150B2T125	16 L/MIN	3/8" BSP	84mm	54mm	£11.54	€ 13.04
FS150B3T125	26 L/MIN	1/2" BSP	84mm	54mm	£12.26	€ 13.86
FS160B3T125	26 L/MIN	1/2" BSP	104mm	72.5mm	£14.52	€ 16.41
FS160B4T125	45 L/MIN	3/4" BSP	104mm	72.5mm	£14.43	€ 16.30
FS160B5T125	65 L/MIN	1" BSP	104mm	72.5mm	£14.43	€ 16.30
FS160B6T125	110 L/MIN	1 1/4" BSP	104mm	72.5mm	£15.57	€ 17.60
FS162B3T125	26 L/MIN	1/2" BSP	148mm	72.5mm	£15.61	€ 17.64
FS162B4T125	45 L/MIN	3/4" BSP	148mm	72.5mm	£16.41	€ 18.54
FS162B5T125	65 L/MIN	1" BSP	148mm	72.5mm	£16.53	€ 18.68
FS162B6T125	110 L/MIN	1 1/4" BSP	148mm	72.5mm	£16.53	€ 18.68
FS170B5T125	65 L/MIN	1" BSP	155mm	102mm	£21.14	€ 23.88
FS170B6T125	110 L/MIN	1 1/4" BSP	155mm	102mm	£20.08	€ 22.69
FS170B7T125	150 L/MIN	1 1/2" BSP	155mm	102mm	£21.17	€ 23.92
FS170B8T125	240 L/MIN	2" BSP	155mm	102mm	£21.14	€ 23.88
FS173B5T125	65 L/MIN	1" BSP	195mm	102mm	£27.50	€ 31.07
FS173B6T125	110 L/MIN	1 1/4" BSP	195mm	102mm	£27.52	€ 31.10
FS173B7T125	150 L/MIN	1 1/2" BSP	195mm	102mm	£27.52	€ 31.10
FS173B8T125	240 L/MIN	2" BSP	195mm	102mm	£26.64	€ 30.10
FS176B5T125	65 L/MIN	1" BSP	228mm	102mm	£30.42	€ 34.37
FS176B6T125	110 L/MIN	1 1/4" BSP	228mm	102mm	£30.42	€ 34.37
FS176B7T125	240 L/MIN	1 1/2" BSP	228mm	102mm	£30.60	€ 34.57
FS176B8T125	240 L/MIN	2" BSP	228mm	102mm	£30.60	€ 34.57
FS179B5T125	65 L/MIN	1" BSP	110mm	102mm	£21.24	€ 24.00
FS180B8T125	250 L/MIN	2" BSP	202mm	132.5mm	£38.89	€ 43.95
FS180B9T125	380 L/MIN	2 1/2" BSP	202mm	132.5mm	£37.95	€ 42.88
FS180B10T125	500 L/MIN	3" BSP	202mm	132.5mm	£38.89	€ 43.95
FS181B8T125	240 L/MIN	2" BSP	162mm	132.5mm	£46.68	€ 52.75
FS181B10T125	500 L/MIN	3" BSP	162mm	132.5mm	£40.01	€ 45.21

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 referring to the technical information.



## FILTREC SUCTION FILTERS

### TANK TOP SUCTION FILTERS FS-7



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 l/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-C10B-B7-0-B-O-P-S1	1 1/2" BSP	160 L/MIN	£154.89	€ 175.02	S741C10	£41.73	€ 47.15
125 MICRON WIREMESH								
ZZ004913	FS-7-41-T125B-B7-0-B-O-P-S1	1 1/2" BSP	200 L/MIN	£161.42	€ 182.40	S741T125	£47.90	€ 54.13

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 referring to the technical information.

#### OPTIONAL EXTRAS

	NETT. PRICE
	£ STERLING € EUROS
Secondary port	£12.25 € 13.85
Magnet	£2.66 € 3.00

#### INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE
		£ STERLING € EUROS
MPS	Vacuum Gauge Scale 0 ÷ -1 Bar	£7.90 € 8.93



# FILTREC MEDIUM PRESSURE FILTERS

## INLINE MEDIUM PRESSURE FILTERS F100 MAX WORKING UPTO 100BAR



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
ZZ004914	F100-XD-040-G10A-B-B5-D-S-V05	1" BSP	75 L/MIN	£183.73	€ 207.61	XD040G10A
ZZ004915	F100-XD-063-G10A-B-B5-D-S-V05	1" BSP	90 L/MIN	£192.36	€ 217.37	XD063G10A
ZZ004916	F100-XD-100-G10A-B-B5-D-S-V05	1" BSP	110 L/MIN	£208.36	€ 235.45	XD100G10A
ZZ004917	F100-XD-160-G10A-B-B7-D-S-V05	1 1/2" BSP	240 L/MIN	£201.71	€ 227.93	XD160G10A
ZZ004918	F100-XD-250-G10A-B-B7-D-S-V05	1 1/2" BSP	280 L/MIN	£208.20	€ 235.27	XD250G10A
ZZ004919	F100-XD-400-G10A-B-B7-D-S-V05	1 1/2" BSP	340 L/MIN	£268.32	€ 303.20	XD400G10A
25 MICRON FIBREGLASS						
ZZ004920	F100-XD-040-G25A-B-B5-D-S-V05	1" BSP	90 L/MIN	£183.73	€ 207.61	XD040G25A
ZZ004921	F100-XD-063-G25A-B-B5-D-S-V05	1" BSP	105 L/MIN	£192.36	€ 217.37	XD063G25A
ZZ004922	F100-XD-100-G25A-B-B5-D-S-V05	1" BSP	120 L/MIN	£208.36	€ 235.45	XD100G25A
ZZ004923	F100-XD-160-G25A-B-B7-D-S-V05	1 1/2" BSP	320 L/MIN	£202.26	€ 228.56	XD160G25A
ZZ004924	F100-XD-250-G25A-B-B7-D-S-V05	1 1/2" BSP	360 L/MIN	£208.20	€ 235.27	XD250G25A
ZZ004925	F100-XD-400-G25A-B-B7-D-S-V05	1 1/2" BSP	380 L/MIN	£268.32	€ 303.20	XD400G25A

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 referring to the technical information.

### OPTIONAL EXTRAS

	NETT. PRICE
VITON SEALS	
F100-XD040, XD063 & XD100	£ STERLING € EUROS
F100-XD160, XD250 & XD400	£8.57 € 9.68
	£8.57 € 9.68

### INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE
		£ STERLING € EUROS
V05	Differential Visual 5 Bar	
E05	Differential Electrical 5 Bar	
V08	Differential Visual 8 Bar	
E08	Differential Electrical 8 Bar	

## INLINE MEDIUM PRESSURE FILTERS FD-3 UPTO 110BAR



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	FD3-10-C10A-B-B3-D-T-VX5	1/2" BSP	25 L/MIN	£106.04	€ 119.82	D310C10A	£19.05	€ 21.52
ZZ004927	FD3-11-C10A-B-B3-D-T-VX5	1/2" BSP	40 L/MIN	£126.84	€ 143.33	D311C10A	£21.86	€ 24.70
10 MICRON FIBREGLASS								
ZZ004928	FD3-10-G10A-B-B3-D-T-VX5	1/2" BSP	20 L/MIN	£117.26	€ 132.51	D310G10A	£21.86	€ 24.70
ZZ004929	FD3-11-G10A-B-B3-D-T-VX5	1/2" BSP	25 L/MIN	£136.34	€ 154.07	D311G10A	£31.80	€ 35.94
25 MICRON FIBREGLASS								
ZZ004930	FD3-10-G25A-B-B3-D-T-VX5	1/2" BSP	25 L/MIN	£113.81	€ 128.60	D310G25A	£19.89	€ 22.47
ZZ004931	FD3-11-G25A-B-B3-D-T-VX5	1/2" BSP	30 L/MIN	£134.52	€ 152.00	D311G25A	£26.50	€ 29.95

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 referring to the technical information.

### INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE	
		<b>£ STERLING</b>	<b>€ EUROS</b>
VX5	Differential Visual 5 Bar	£26.58	€ 30.04
EX5	Differential Electrical 5 Bar	£36.58	€ 40.24

## INLINE MEDIUM PRESSURE FILTERS F160 UPTO 160BAR



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 Filtrac 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-XD040A-G10-A-B5-D-S-V05	1" BSP	75 L/MIN	£171.01	€ 193.25	XD040G10A	£53.06	€ 59.95
ZZ004933	F160-XD063A-G10-A-B5-D-S-V05	1" BSP	90 L/MIN	£177.03	€ 200.04	XD063G10A	£55.78	€ 63.03
ZZ004934	F160-XD100A-G10-A-B5-D-S-V05	1" BSP	110 L/MIN	£188.04	€ 212.49	XD100G10A	£62.04	€ 70.11
ZZ004935	F160-XD160A-G10-A-B7-D-S-V05	1 1/2" BSP	240 L/MIN	£288.25	€ 325.72	XD160G10A	£75.55	€ 85.37
ZZ004936	F160-XD250A-G10-A-B7-D-S-V05	1 1/2" BSP	300 L/MIN	£304.86	€ 344.49	XD250G10A	£75.55	€ 85.37
ZZ004937	F160-XD400A-G10-A-B7-D-S-V05	1 1/2" BSP	340 L/MIN	£386.66	€ 436.93	XD400G10A	£136.99	€ 154.80
25 MICRON FIBREGLASS								
ZZ004938	F160-XD063A-G25-A-B3-D-S-V05	1/2" BSP	90 L/MIN	£177.03	€ 200.04	XD063G25A	£55.78	€ 63.03
ZZ004939	F160-XD063A-G25-A-B5-D-S-V05	1" BSP	100 L/MIN	£177.03	€ 200.04	XD063G25A	£55.78	€ 63.03
ZZ004940	F160-XD100A-G25-A-B5-D-S-V05	1" BSP	120 L/MIN	£188.04	€ 212.49	XD100G25A	£62.04	€ 70.11
ZZ004941	F160-XD160A-G25-A-B7-D-S-V05	1 1/2" BSP	300 L/MIN	£288.25	€ 325.72	XD160G25A	£75.55	€ 85.37
ZZ004942	F160-XD250A-G25-A-B7-D-S-V05	1 1/2" BSP	360 L/MIN	£304.86	€ 344.49	XD250G25A	£75.55	€ 85.37
ZZ004943	F160-XD400A-G25-A-B7-D-S-V05	1 1/2" BSP	380 L/MIN	£510.52	€ 576.89	XD400G25A	£136.99	€ 154.80

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 referring to the technical information.

### INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
V05	Differential Visual 5 Bar	£26.58	€ 30.04
E05	Differential Electrical 5 Bar	£36.58	€ 41.34
V08	Differential Visual 8 Bar	£26.58	€ 30.04
E08	Differential Electrical 8 Bar	£36.58	€ 41.34

## FILTREC HIGH PRESSURE FILTERS

### INLINE HIGH PRESSURE FILTERS F280-D1 UPTO 280BAR



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-B-B5-D-S-V05	1" BSP	75 L/MIN	£151.01	€ 170.64	D120G10A	£36.79	€ 41.57	
ZZ004945	F280-D124-G10-A-B-B5-D-S-V05	1" BSP	90 L/MIN	£160.66	€ 181.55	D124G10A	£43.00	€ 48.59	
ZZ004946	F280-D121-G10-A-B-B5-D-S-V05	1" BSP	100 L/MIN	£168.99	€ 190.96	D121G10A	£51.29	€ 57.96	
ZZ004947	F280-D140-G10-A-B-B7-D-S-V05	1 1/2" BSP	180 L/MIN	£325.83	€ 368.18	D140G10A	£54.47	€ 61.56	
ZZ004948	F280-D141-G10-A-B-B7-D-S-V05	1 1/2" BSP	260 L/MIN	£368.41	€ 416.31	D141G10A	£74.99	€ 84.74	
ZZ004949	F280-D142-G10-A-B-B7-D-S-V05	1 1/2" BSP	320 L/MIN	£497.74	€ 562.45	D142G10A	£121.03	€ 136.77	
25 MICRON FIBREGLASS									
ZZ004950	F280-D120-G25-A-B-B5-D-S-V05	1" BSP	95 L/MIN	£142.83	€ 161.40	D120G25A	£33.78	€ 38.17	
ZZ004951	F280-D124-G25-A-B-B5-D-S-V05	1" BSP	110 L/MIN	£153.01	€ 172.90	D124G25A	£40.95	€ 46.27	
ZZ004952	F280-D121-G25-A-B-B5-D-S-V05	1" BSP	120 L/MIN	£158.68	€ 179.30	D121G25A	£45.99	€ 51.97	
ZZ004953	F280-D140-G25-A-B-B7-D-S-V05	1 1/2" BSP	240 L/MIN	£306.20	€ 346.01	D140G25A	£46.74	€ 52.81	
ZZ004954	F280-D141-G25-A-B-B7-D-S-V05	1 1/2" BSP	340 L/MIN	£350.87	€ 396.48	D141G25A	£71.42	€ 80.71	
ZZ004955	F280-D142-G25-A-B-B7-D-S-V05	1 1/2" BSP	360 L/MIN	£472.79	€ 534.26	D142G25A	£113.72	€ 128.50	

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 referring to the technical information.

#### INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
V05	Differential Visual 5 Bar	£26.58	€ 30.04
E05	Differential Electrical 5 Bar	£36.58	€ 41.34
V08	Differential Visual 8 Bar	£26.58	€ 30.04
E08	Differential Electrical 8 Bar	£36.58	€ 41.34

# CETOP 3 AND 5 HIGH PRESSURE FILTERS FDM-1 UPTO 315 BAR



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 Filtrac 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-G03B-B-D-VX5	5 L/MIN	£188.08	€ 212.53	D108G03B	£72.75	€ 82.21
ZZ004957	FDM-1-11-G03B-B-D-EX5	18 L/MIN	£269.08	€ 304.06	D111G03B	£77.70	€ 87.80
6 MICRON FIBREGLASS							
ZZ004958	FDM-1-08-G06B-B-D-Z14	6 L/MIN	£188.08	€ 212.53	D108G06B	£72.75	€ 82.21
ZZ004959	FDM-1-11-G06B-B-D-Z15	25 L/MIN	£269.08	€ 304.06	D111G06B	£77.70	€ 87.80
10 MICRON FIBREGLASS							
ZZ004960	FDM-1-08-G10B-B-D-Z16	7 L/MIN	£178.80	€ 202.05	D108G10B	£59.45	€ 67.18
ZZ004961	FDM-1-11-G10B-B-D-VX8	31 L/MIN	£257.09	€ 290.51	D111G10B	£60.47	€ 68.33

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 referring to the technical information.

## OPTIONAL EXTRAS

VITON SEALS	NETT. PRICE	
	£ STERLING	€ EUROS
FDM-1-08	£12.40	€ 14.01
FDM-1-11	£15.91	€ 17.98

## INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
VX5	Differential Visual 5 Bar	£26.58	€ 30.04
EX5	Differential Electrical 5 Bar	£36.58	€ 41.34
VX8	Differential Visual 8 Bar	£26.58	€ 30.04
EX8	Differential Electrical 8 Bar	£36.58	€ 41.34



# INLINE HIGH PRESSURE FILTERS F420-D1 SERIES



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-V05	1/2"	420 BAR	10 L/MIN	£145.37	€ 164.27	D110G03A	£31.67	€ 35.78
ZZ005638	F420-D1-10-G03-A-B-B4-D-T-V05	3/4"	420 BAR	12 L/MIN	£139.10	€ 157.19	D110G03A	£31.67	€ 35.78
ZZ005642	F420-D1-11-G03-A-B-B3-D-T-V05	1/2"	420 BAR	15 L/MIN	£158.41	€ 179.01	D111G03A	£29.05	€ 32.83
ZZ005647	F420-D1-11-G03-A-B-B4-D-T-V05	3/4"	420 BAR	18 L/MIN	£158.93	€ 179.59	D111G03A	£29.05	€ 32.83
ZZ005654	F420-D1-12-G03-A-B-B4-D-T-V05	3/4"	420 BAR	35 L/MIN	£179.95	€ 203.34	D112G03A	£48.95	€ 55.31
ZZ005658	F420-D1-12-G03-A-B-B3-D-T-V05	1/2"	420 BAR	30 L/MIN	£175.07	€ 197.83	D112G03A	£48.95	€ 55.31
ZZ005662	F420-D1-20-G03-A-B-B4-D-T-V05	3/4"	420 BAR	30 L/MIN	£194.39	€ 219.66	D120G03A	£41.72	€ 47.14
ZZ005668	F420-D1-20-G03-A-B-B5-D-T-V05	1"	420 BAR	30 L/MIN	£178.24	€ 201.41	D120G03A	£41.72	€ 47.14
ZZ006605	F420-D1-40-G03-A-B-B5-D-T-V05	1"	420 BAR	50 L/MIN	£281.62	€ 318.23	D140G03A	£57.10	€ 64.52
ZZ006609	F420-D1-40-G03-A-B-B6-D-T-V05	1 1/4"	420 BAR	65 L/MIN	£308.98	€ 349.15	D140G03A	£57.10	€ 64.52
ZZ006613	F420-D1-40-G03-A-B-B7-D-T-V05	1 1/2"	420 BAR	65 L/MIN	£320.57	€ 362.24	D140G03A	£57.10	€ 64.52
6 MICRON FIBREGLASS									
ZZ005635	F420-D1-10-G06-A-B-B3-D-T-V05	1/2"	420 BAR	20 L/MIN	£147.26	€ 166.41	D110G06A	£31.67	€ 35.78
ZZ005639	F420-D1-10-G06-A-B-B4-D-T-V05	3/4"	420 BAR	20 L/MIN	£141.02	€ 159.35	D110G06A	£31.67	€ 35.78
ZZ005643	F420-D1-11-G06-A-B-B3-D-T-V05	1/2"	420 BAR	25 L/MIN	£159.33	€ 180.04	D111G06A	£29.05	€ 32.83
ZZ005651	F420-D1-11-G06-A-B-B4-D-T-V05	3/4"	420 BAR	30 L/MIN	£159.83	€ 180.61	D111G06A	£29.05	€ 32.83
ZZ005655	F420-D1-12-G06-A-B-B4-D-T-V05	3/4"	420 BAR	55 L/MIN	£175.44	€ 198.25	D112G06A	£48.95	€ 55.31
ZZ005659	F420-D1-12-G06-A-B-B3-D-T-V05	1/2"	420 BAR	50 L/MIN	£166.97	€ 188.68	D112G06A	£48.95	€ 55.31
ZZ005663	F420-D1-20-G06-A-B-B4-D-T-V05	3/4"	420 BAR	50 L/MIN	£191.73	€ 216.65	D120G06A	£36.18	€ 40.89
ZZ005669	F420-D1-20-G06-A-B-B5-D-T-V05	1"	420 BAR	55 L/MIN	£175.57	€ 198.39	D120G06A	£36.18	€ 40.89
ZZ006606	F420-D1-40-G06-A-B-B5-D-T-V05	1"	420 BAR	80 L/MIN	£275.16	€ 310.93	D140G06A	£57.10	€ 64.52
ZZ006610	F420-D1-40-G06-A-B-B6-D-T-V05	1 1/4"	420 BAR	115 L/MIN	£302.53	€ 341.85	D140G06A	£57.10	€ 64.52
ZZ006614	F420-D1-40-G06-A-B-B7-D-T-V05	1 1/2"	420 BAR	125 L/MIN	£314.09	€ 354.92	D140G06A	£57.10	€ 64.52
10 MICRON FIBREGLASS									
ZZ005636	F420-D1-10-G10-A-B-B3-D-T-V05	1/2"	420 BAR	35 L/MIN	£147.07	€ 166.19	D110G10A	£31.31	€ 35.38
ZZ005640	F420-D1-10-G10-A-B-B4-D-T-V05	3/4"	420 BAR	40 L/MIN	£140.83	€ 159.13	D110G10A	£31.31	€ 35.38
ZZ005644	F420-D1-11-G10-A-B-B3-D-T-V05	1/2"	420 BAR	40 L/MIN	£161.61	€ 182.61	D111G10A	£29.05	€ 32.83
ZZ005652	F420-D1-11-G10-A-B-B4-D-T-V05	3/4"	420 BAR	45 L/MIN	£161.53	€ 182.53	D111G10A	£29.05	€ 32.83
ZZ005656	F420-D1-12-G10-A-B-B4-D-T-V05	3/4"	420 BAR	75 L/MIN	£172.41	€ 194.82	D112G10A	£44.18	€ 49.93
ZZ005660	F420-D1-12-G10-A-B-B3-D-T-V05	1/2"	420 BAR	60 L/MIN	£167.38	€ 189.14	D112G10A	£44.18	€ 49.93
ZZ005664	F420-D1-20-G10-A-B-B4-D-T-V05	3/4"	420 BAR	70 L/MIN	£183.18	€ 207.00	D120G10A	£36.79	€ 41.57
ZZ005670	F420-D1-20-G10-A-B-B5-D-T-V05	1"	420 BAR	80 L/MIN	£167.01	€ 188.72	D120G10A	£36.79	€ 41.57
ZZ006607	F420-D1-40-G10-A-B-B5-D-T-V05	1"	420 BAR	110 L/MIN	£269.35	€ 304.36	D140G10A	£54.47	€ 61.56
ZZ006611	F420-D1-40-G10-A-B-B6-D-T-V05	1 1/4"	420 BAR	160 L/MIN	£296.70	€ 335.27	D140G10A	£54.47	€ 61.56
ZZ006615	F420-D1-40-G10-A-B-B7-D-T-V05	1 1/2"	420 BAR	180 L/MIN	£308.27	€ 348.34	D140G10A	£56.72	€ 64.09
25 MICRON FIBREGLASS									
ZZ005637	F420-D1-10-G25-A-B-B3-D-T-V05	1/2"	420 BAR	50 L/MIN	£141.68	€ 160.09	D110G25A	£25.32	€ 28.61
ZZ005641	F420-D1-10-G25-A-B-B4-D-T-V05	3/4"	420 BAR	60 L/MIN	£141.50	€ 159.89	D110G25A	£25.32	€ 28.61
ZZ005645	F420-D1-11-G25-A-B-B3-D-T-V05	1/2"	420 BAR	60 L/MIN	£157.36	€ 177.82	D111G25A	£27.57	€ 31.16
ZZ005653	F420-D1-11-G25-A-B-B4-D-T-V05	3/4"	420 BAR	70 L/MIN	£158.90	€ 179.55	D111G25A	£27.57	€ 31.16
ZZ005657	F420-D1-12-G25-A-B-B4-D-T-V05	3/4"	420 BAR	100 L/MIN	£169.87	€ 191.95	D112G25A	£39.91	€ 45.10
ZZ005661	F420-D1-12-G25-A-B-B3-D-T-V05	1/2"	420 BAR	70 L/MIN	£161.43	€ 182.41	D112G25A	£39.91	€ 45.10
ZZ005665	F420-D1-20-G25-A-B-B4-D-T-V05	3/4"	420 BAR	95 L/MIN	£185.47	€ 209.58	D120G25A	£35.47	€ 40.08
ZZ006604	F420-D1-20-G25-A-B-B5-D-T-V05	1"	420 BAR	105 L/MIN	£169.32	€ 191.33	D120G25A	£35.47	€ 40.08
ZZ006608	F420-D1-40-G25-A-B-B5-D-T-V05	1"	420 BAR	140 L/MIN	£271.23	€ 306.48	D140G25A	£49.08	€ 55.46
ZZ006612	F420-D1-40-G25-A-B-B6-D-T-V05	1 1/4"	420 BAR	245 L/MIN	£298.58	€ 337.39	D140G25A	£49.08	€ 55.46
ZZ006616	F420-D1-40-G25-A-B-B7-D-T-V05	1 1/2"	420 BAR	260 L/MIN	£310.23	€ 350.56	D140G25A	£49.08	€ 55.46

## INDICATORS

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
V05	Differential Visual 5 Bar	£26.58	€ 30.04
E05	Differential Electrical 5 Bar	£36.58	€ 41.34
V08	Differential Visual 8 Bar	£26.58	€ 30.04
E08	Differential Electrical 8 Bar	£36.58	€ 41.34



# FILTREC ACCESSORIES

PRODUCT	PAGE
CLOGGING INDICATORS	525
ELECTRIC LEVEL INDICATORS	529
ELECTRIC FLOATING LEVEL GAUGES	531
SIGHT GLASSES, PLUGS AND BREATHERS	538



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# CLOGGING INDICATORS

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## TECHNICAL INFORMATION

Clogging indicators controlling and determining 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 indicates 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 atmospheric pressure. Usually they are used on pressure and return line filters.

### Clogging indicators:

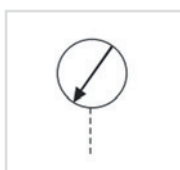
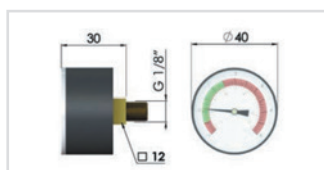
- **Visual:** A colored indicator reports when pressure setting is reached:

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.



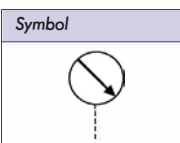
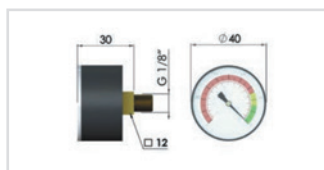
Code	Setting
MPA	-1 ÷ 5 bar ( black color) - 14,5 ÷ 72,5 psi ( red color)



ORDER CODE	DESCRIPTION	SETTING	THREAD	NETT. PRICE
				£ STERLING € EUROS
MPA	PRESURE VACUUM GAUGE	-1 TO 5BAR (BLACK) 14.5 TO 72.5 PSI (RED)	1/8" BSP	£5.43 € 6.14

## VACUUM GAUGE

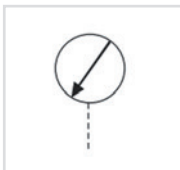
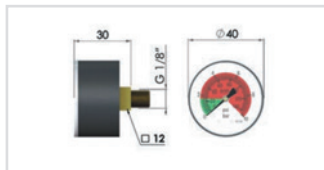
Housing in black ABS material



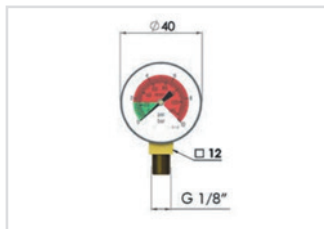
Code	Setting
MPS	0 ÷ -1 bar ( black color) 0 ÷ - 14,5 psi ( red color)



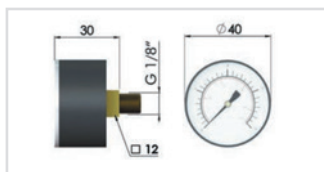
ORDER CODE	DESCRIPTION	SETTING	THREAD	NETT. PRICE
				£ STERLING € EUROS
MPS	VACUUM GAUGE	0 TO -1 BAR (BLACK) 0 TO 114.5 PSI (RED)	1/8" BSP	£7.90 € 8.93



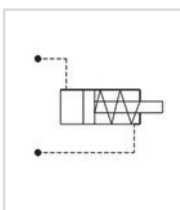
ORDER CODE	DESCRIPTION	SETTING	THREAD	NETT. PRICE	
				£ STERLING	€ EUROS
MPB	Pressure Gauge	1,7 ÷ 10 Bar (Red), 0 ÷ 1,7 Bar (Green)	1/8" BSP	£4.08	€ 4.61



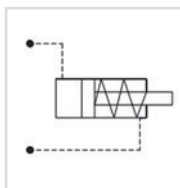
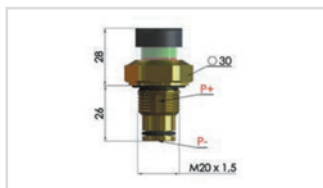
ORDER CODE	DESCRIPTION	SETTING	THREAD	NETT. PRICE	
				£ STERLING	€ EUROS
MRB	Pressure Gauge	1,7 ÷ 10 Bar (Red), 0 ÷ 1,7 Bar (Green)	1/8" BSP	£3.68	€ 4.16



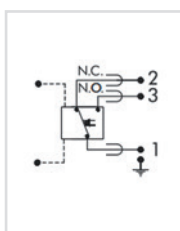
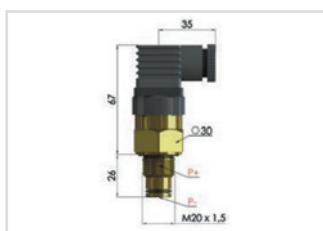
ORDER CODE	DESCRIPTION	SETTING	THREAD	NETT. PRICE	
				£ STERLING	€ EUROS
MP0	Pressure Gauge	0 ÷ 16 Bar	1/8" BSP	£4.28	€ 4.84



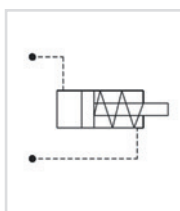
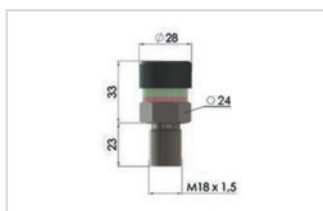
ORDER CODE	DESCRIPTION	SETTING	THREAD	NETT. PRICE	
				£ STERLING	€ EUROS
V02	Differential Visual	2,7 Bar	M20 x 1,5	£26.58	€ 30.04
V05	Differential Visual	5 Bar	M20 x 1,5	£26.58	€ 30.04
V08	Differential Visual	8 Bar	M20 x 1,5	£26.58	€ 30.04



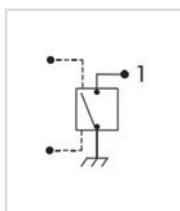
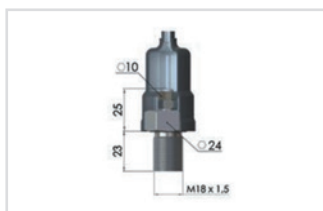
ORDER CODE	DESCRIPTION	SETTING	THREAD	NETT. PRICE	
				£ STERLING	€ EUROS
VX5	Differential Visual	5 Bar	M20 x 1,5	£26.58	€ 30.04
VX8	Differential Visual	8 Bar	M20 x 1,5	£26.58	€ 30.04



ORDER CODE	DESCRIPTION	SETTING	THREAD	NETT. PRICE	
				£ STERLING	€ EUROS
EX5	Differential Electric	5 Bar	M20 x 1,5	£36.58	€ 41.34
EX8	Differential Electric	8 Bar	M20 x 1,5	£36.58	€ 41.34



ORDER CODE	DESCRIPTION	SETTING	THREAD	NETT. PRICE	
				£ STERLING	€ EUROS
Z34	Differential Visual	2,7 Bar	M18 x 1,5	£20.66	€ 23.35

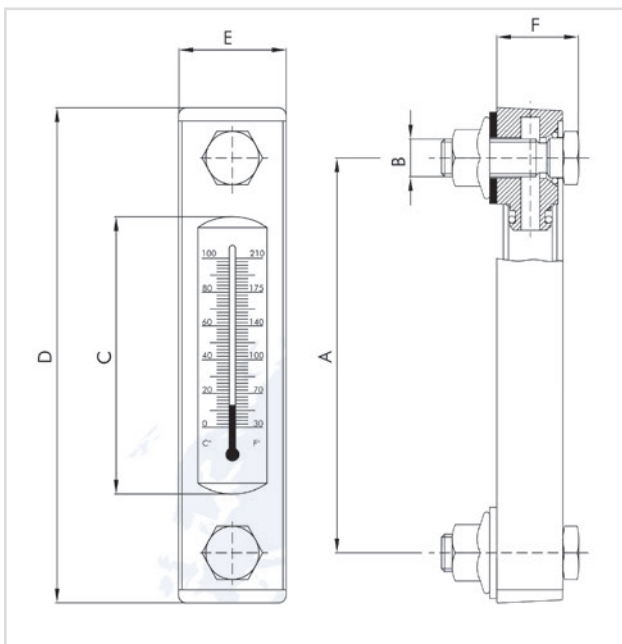
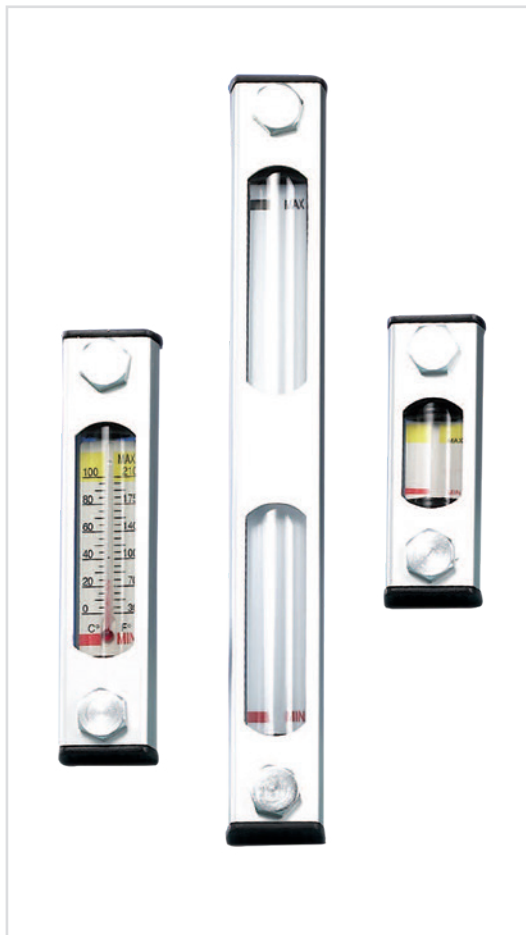


ORDER CODE	DESCRIPTION	SETTING	THREAD	NETT. PRICE	
				£ STERLING	€ EUROS
Z35	Differential Electric	2,7 Bar	M18 x 1,5	£20.66	€ 23.36

## SERIE FL - FLUID LEVEL TEMPERATURE GAUGES



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**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 +176°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)

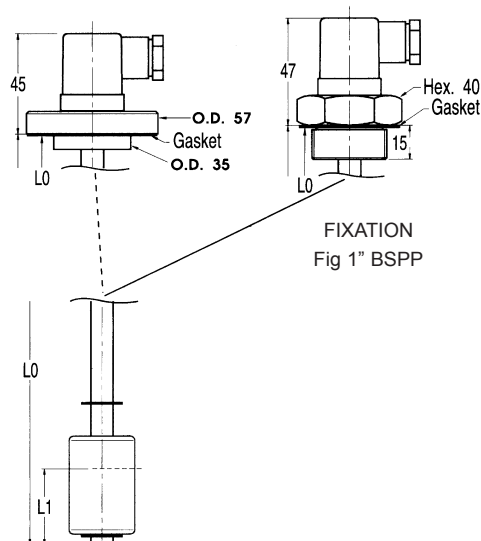
CODE	A	B	C	D	E	F
FL-1	76	M10	35	106	36	30
FL-2	127		86	157	36	30
FL-3	254	M12	213	284	36	30

ORDER CODE	HOLE CENTRES	BOLT THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FL1M10	76mm	M10x1.5	£9.25	€ 10.45
FL1M12	76mm	M12x1.75	£9.25	€ 10.45
FL1TM10	76mm	M10x1.5	£9.40	€ 10.62
FL1TM12	76mm	M12x1.75	£10.26	€ 11.59
FL2M10	127mm	M10x1.5	£10.15	€ 11.47
FL2M12	127mm	M12x1.75	£10.15	€ 11.47
FL2TM10	127mm	M10x1.5	£10.80	€ 12.21
FL2TM12	127mm	M12x1.75	£10.80	€ 12.21
FL3M10	254mm	M10x1.5	£16.13	€ 18.22
FL3M12	254mm	M12x1.75	£16.13	€ 18.22
FL3TM10	254mm	M10x1.5	£18.39	€ 20.78
FL3TM12	254mm	M12x1.75	£18.39	€ 20.78

# ELECTRIC LEVEL INDICATORS

## FLOATING LEVEL GAUGE BSP AND 3 HOLE MOUNT

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**FA03**



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

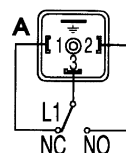
### TEMPERATURE RANGE

-10 to +80°C

### MAX PRESSURE

12 Bar

### Electric connections



ORDER JUST THE ONE AND YOU HAVE ALL THREE FIXING POINTS IN ONE LEVEL GAUGE

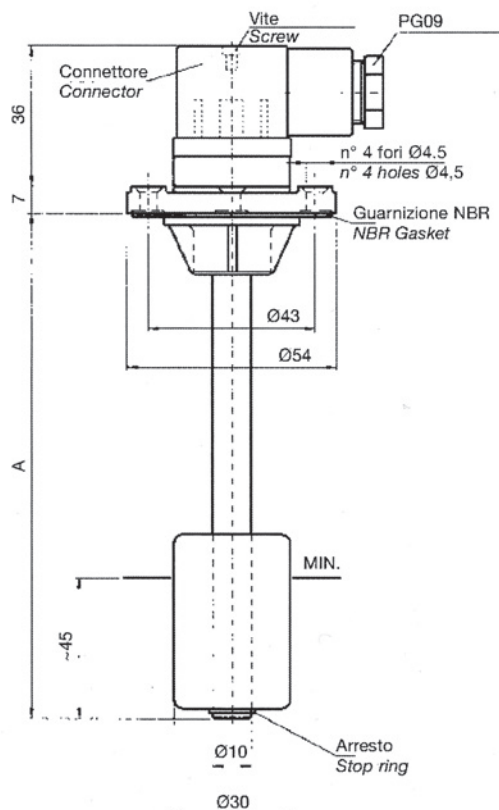
PART NUMBER	LENGTH (LO)	NETT. PRICE	
		£ STERLING	€ EUROS
FLG100	100mm	£73.24	€ 82.76
FLG150	150mm	£75.37	€ 85.17
FLG200	200mm	£77.03	€ 87.04
FLG250	250mm	£78.52	€ 88.73
FLG300	300mm	£80.66	€ 91.15
FLG350	350mm	£80.66	€ 91.15
FLG400	400mm	£84.16	€ 95.10
FLG450	450mm	£84.16	€ 95.10
FLG550	500mm	£113.02	€ 127.71



## ELECTRIC FLOAT LEVEL SWITCHES 2 HOLE MOUNT

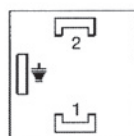
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**FA03**

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

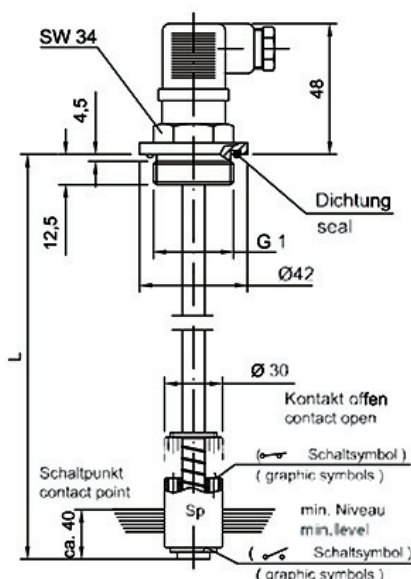
Executions also available in accordance with the Directive ATEX 94/9/EC on intrinsic safety equipment with marking II 1/2 G Ex ia IIB T6.

PART NUMBER	LENGTH (A)	NETT. PRICE	
		£ STERLING	€ EUROS
LM1CFPA100	100	£64.59	€ 72.98
LM1CFPA150	150	£66.47	€ 75.11
LM1CFPA200	200	£68.03	€ 76.87
LM1CFPA250	250	£135.51	€ 153.13
LM1CFPA300	300	£71.14	€ 80.39
LM1CFPA350	350	£71.14	€ 80.39
LM1CFPA400	400	£74.22	€ 83.87
LM1CFPA450	450	£74.22	€ 83.87
LM1CFPA500	500	£78.23	€ 88.39

# ELECTRIC FLOATING LEVEL GAUGES

## SERIE NS 1 WITH 1 SWITCH CONTACT

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**FA03**



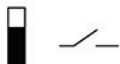
### DESCRIPTION

- 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

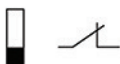
- Stem: Brass
- Float: Nylon
- Max. Temp: 80° C
- Protection: IP 65
- Hysteresis: 2-3 mm
- Max voltage: 250 VAC
- Max switch current: Level 1.3 A
- Power AC/DC Level: 80 W/VA

contact open with max. level



By turning the float the contact is changed to:

contact closed with min. level



max. level - contact closed  
min. level contact open

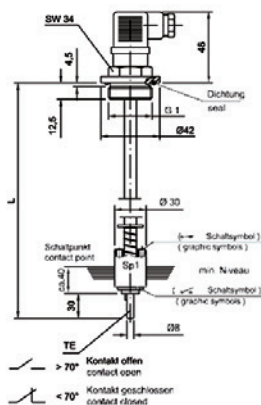


PART NUMBER	TYPE	L	NETT. PRICE	
			£ STERLING	€ EUROS
FLG1420	NS 1-NO/100	100	£62.91	€ 71.08
FLG1422	NS 1-NO/150	150	£60.49	€ 68.35
FLG1424	NS 1-NO/200	200	£64.12	€ 72.46
FLG1426	NS 1-NO/250	250	£67.50	€ 76.28
FLG1428	NS 1-NO/300	300	£67.73	€ 76.53
FLG1430	NS 1-NO/350	350	£67.73	€ 76.53
FLG1432	NS 1-NO/400	400	£70.42	€ 79.58
FLG1434	NS 1-NO/500	500	£73.43	€ 82.97

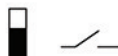


## SERIE NS 1-TE WITH TEMPERATURE SWITCH

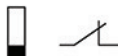
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TECH. DATA SHEET  
**FA03**



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

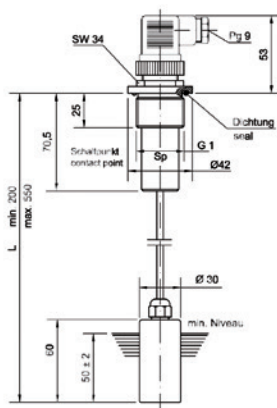
### TECHNICAL DATA

- 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
FLG1502	NS 1-NO/ 150 TE 70° NC	150	70°	£125.51	€ 141.82
FLG1504	NS 1-NO/200 TE 70° NC	200	70°	£125.51	€ 141.82
FLG1505	NS 1-NO/240 TE 70° NC	240	70°	£125.51	€ 141.82
FLG1506	NS 1-NO/ 250 TE 70° NC	250	70°	£125.51	€ 141.82
FLG1508	NS 1-NO/ 300 TE 70° NC	300	70°	£119.54	€ 135.08
FLG1510	NS 1-NO/350 TE 70° NC	350	70°	£104.42	€ 118.00
FLG1512	NS 1-NO/ 400 TE 70°	400	70°	£128.13	€ 144.79
FLG1513	NS 1-NO/450 TE 70° NC	450	70°	£128.13	€ 144.79
FLG1514	NS 1-NO/500 TE 70° NC	500	70°	£127.05	€ 143.57

## SERIE NS 1-VR WITH VARIABLE SWITCH CONTACT

www.flowfitonline.com  
TECH. DATA SHEET  
**FA03**



3 C — 2 NC — Anschluss 3 + 2 = Öffner connection 3 + 2 = break  
1 NO — Anschluss 3 + 1 = Schließer connection 3 + 1 = make contact

### 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

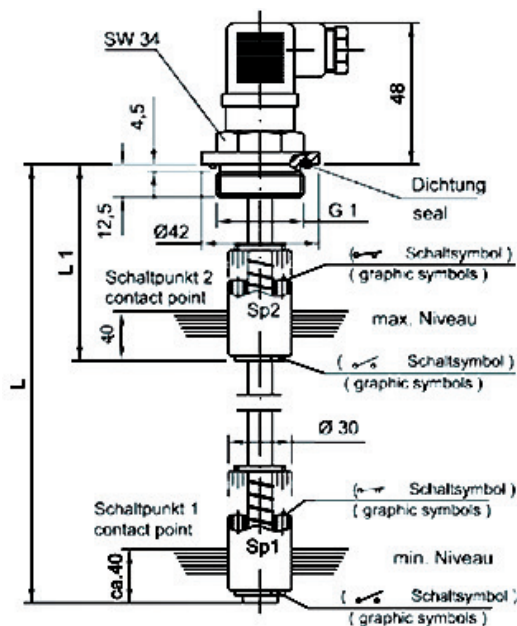
### TECHNICAL DATA

- Stem: Innox 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)	£132.14	€ 149.32

# SERIE NS 2 WITH 2 SWITCH CONTACTS

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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



**Sp 2**  
contact open with max. level



By turning the float the  
contact is changed to:  
max. level - contact closed  
min. level contact open

contact closed with min. level



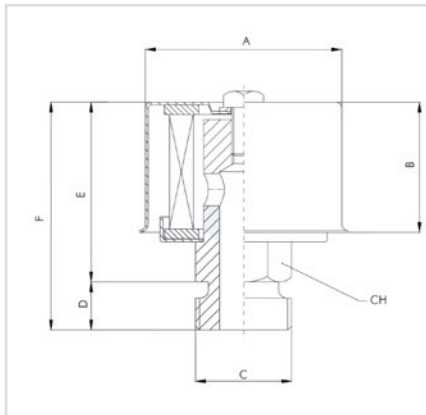
contact closed with min. level



PART NUMBER	TYPE	L	L <sub>1</sub>	NETT. PRICE	
				£ STERLING	€ EUROS
FLG 1457	NS 2-NO/250/105	250	105	£170.28	€ 192.41
FLG1459	NS 2-NO/300/ 105	300	105	£170.28	€ 192.41
FLG1461	NS 2-NO/350/115	350	115	£170.28	€ 192.41
FLG1463	NS 2-NO/400/115	400	115	£176.85	€ 199.84
FLG 1465	NS 2-NO/500/ 125	500	125	£176.85	€ 199.84

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## SERIE FB - 1 AIR BREATHER FILTERS



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**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
FB-1-20	48	32	M22	10	45	55	24
	67	50	B3	10	59	69	27
	67	50	B4	10	59	69	27
FB-1-30	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	£8.33	€ 9.41
FB110B1C10	1/4" BSP	54mm	48mm	10 MICRON	200 L/MIN	£8.33	€ 9.41
FB110B1C40	1/4" BSP	54mm	48mm	40 MICRON	200 L/MIN	£8.63	€ 9.75
FB110B2C05	3/8" BSP	54mm	48mm	5 MICRON	200 L/MIN	£9.00	€ 10.17
FB110B2C10	3/8" BSP	54mm	48mm	10 MICRON	200 L/MIN	£9.00	€ 10.17
FB110B2C40	3/8" BSP	54mm	48mm	40 MICRON	200 L/MIN	£9.39	€ 10.61
FB120B3C05	1/2" BSP	69mm	67mm	5 MICRON	500 L/MIN	£12.33	€ 13.93
FB120B3C10	1/2" BSP	69mm	67mm	10 MICRON	500 L/MIN	£11.63	€ 13.15
FB120B3C40	1/2" BSP	69mm	67mm	40 MICRON	500 L/MIN	£12.00	€ 13.56
FB120B4C05	3/4" BSP	69mm	67mm	5 MICRON	500 L/MIN	£17.07	€ 19.29
FB120B4C10	3/4" BSP	69mm	67mm	10 MICRON	500 L/MIN	£18.10	€ 20.46
FB120B4C40	3/4" BSP	69mm	67mm	40 MICRON	500 L/MIN	£17.44	€ 19.71
FB130B5C05	1" BSP	91mm	108mm	5 MICRON	1000 L/MIN	£16.13	€ 18.22
FB130B5C10	1" BSP	91mm	108mm	10 MICRON	1000 L/MIN	£16.13	€ 18.22
FB130B5C40	1" BSP	91mm	108mm	40 MICRON	1000 L/MIN	£17.66	€ 19.96

## SERIE FT FILLER BREATHER FILTERS



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

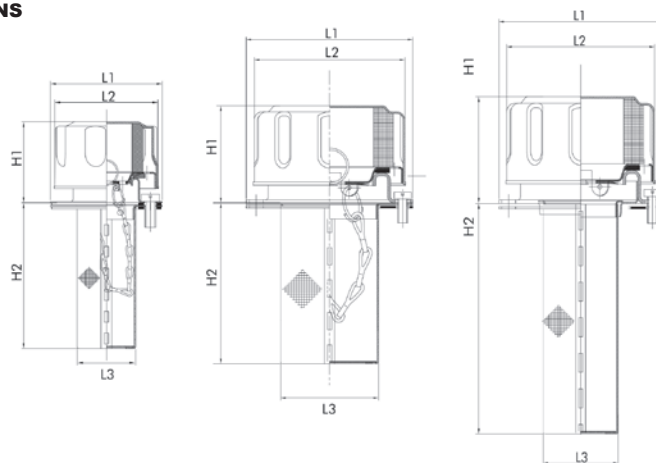
•Flange: zinc steel

•Gasket: cork

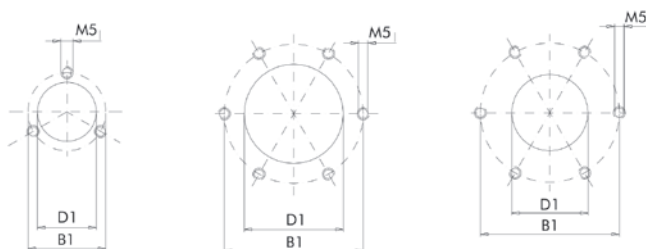
CODE	B1	D1	H1	H2	L1	L2	L3	AIR FLOW RATE L/MIN DP 0.015 BARG	
								F03	F10
FT5	41	31	37	67	52	48	27.5	200	250
FT8 S8	71÷73	52	50	80	83	75	50	450	550
FT8 S15				150					
FT8S10				105					
FT8 W10	40	50	105	---	83	75	38	200	250
FT8 T13	62			130	60			450	550

						AIR FLOW RATE L/MIN DP 0.015 BARG	
CODE	A	H1	H2	L1	M	F03	F10
FT6...B1	1/4" BSP	27	31	48	22	250	250
FT6...B2	3/8" BSP		35.5	75	27	450	550
FT7...B3	1/2" BSP				32		
FT7...B4	3/4" BSP						

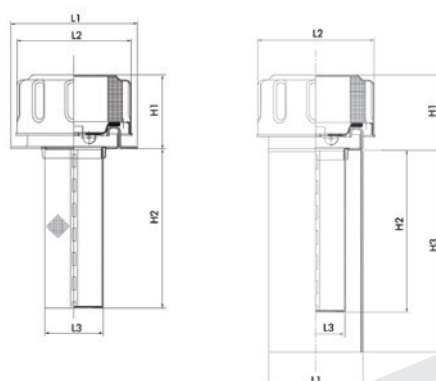
## OVERALL DIMENSIONS



## TANK HOLE DIMENSIONS



## OVERALL DIMENSIONS



## TANK HOLE DIMENSIONS

HOLE ON THE TANK



HOLE ON THE TANK







**STANDARD AND  
PRESSURISED FILLER  
BREATHERS**



**STANDARD AND  
PRESSURISED FILLER  
LOCKABLE**

ORDER CODE	OUTER DIAMETER	TOTAL LENGTH	WIDTH OF BASKET	LENGTH OF BASKET	MOUNTING	AIR RATING INNER ELEMENT	PRESSURISED RATING	NETT. PRICE	
<b>STANDARD FILLER BREATHERS</b>								<b>£ STERLING</b>	<b>€ EUROS</b>
FT5F03B	52mm	104mm	27.5mm	67mm	FT5 Only	3 Micron	No Pressure Valve	£8.77	€ 9.91
FT5F10B	52mm	104mm	27.5mm	67mm	FT5 Only	10 Micron	No Pressure Valve	£8.77	€ 9.91
FT8F03BS0800	83mm	130mm	50mm	80mm	Flange & Basket	3 Micron	No Pressure Valve	£9.87	€ 11.15
FT8F03BS1500	83mm	200mm	50mm	150mm	Flange & Basket	3 Micron	No Pressure Valve	£9.83	€ 11.11
FT8F03BS1000	83mm	155mm	38mm	105mm	Flange & Removable Basket	3 Micron	No Pressure Valve	£8.16	€ 9.22
FT8F03BW1000	83mm	155mm	38mm	105mm	Welding Flange	3 Micron	No Pressure Valve	£9.09	€ 10.28
FT8F03BT1300	60mm	155mm	38mm	105mm	With Antisplash Tube	3 Micron	No Pressure Valve	£31.72	€ 35.84
FT8F10BS0800	83mm	130mm	50mm	80mm	Flange & Basket	10 Micron	No Pressure Valve	£9.87	€ 11.15
FT8F10BS1500	83mm	200mm	50mm	150mm	Flange & Basket	10 Micron	No Pressure Valve	£9.23	€ 10.43
FT8F10BS1000	83mm	155mm	38mm	105mm	Flange & Removable Basket	10 Micron	No Pressure Valve	£8.37	€ 9.46
FT8F10BW1000	83mm	155mm	38mm	105mm	Welding Flange	10 Micron	No Pressure Valve	£8.76	€ 9.90
FT8F10BT1300	60mm	155mm	38mm	105mm	With Antisplash Tube	10 Micron	No Pressure Valve	£30.77	€ 34.76
<b>STANDARD LOCKABLE FILLER BREATHERS</b>									
FT8F03BS080L	83mm	130mm	50mm	80mm	Flange & Basket	3 Micron	No Pressure Valve	£14.99	€ 16.94
FT8F03BS150L	83mm	200mm	50mm	150mm	Flange & Basket	3 Micron	No Pressure Valve	£15.59	€ 17.62
FT8F03BS100L	83mm	155mm	38mm	105mm	Flange & Removable Basket	3 Micron	No Pressure Valve	£13.92	€ 15.73
FT8F03BW100L	83mm	155mm	38mm	105mm	Welding Flange	3 Micron	No Pressure Valve	£14.86	€ 16.79
FT8F10BS080L	83mm	130mm	50mm	80mm	Flange & Basket	10 Micron	No Pressure Valve	£14.19	€ 16.03
FT8F10BS150L	83mm	200mm	50mm	150mm	Flange & Basket	10 Micron	No Pressure Valve	£14.99	€ 16.94
FT8F10BS100L	83mm	155mm	38mm	105mm	Flange & Removable Basket	10 Micron	No Pressure Valve	£14.13	€ 15.97
FT8F10BW100L	83mm	155mm	38mm	105mm	Welding Flange	10 Micron	No Pressure Valve	£14.52	€ 16.41
<b>PRESSURISED FILLER BREATHERS</b>									
FT8F03BS0810	83mm	130mm	50mm	80mm	Flange & Basket	3 Micron	0.35 Bar / 5 PSI	£24.27	€ 27.42
FT8F03BS1510	83mm	200mm	50mm	150mm	Flange & Basket	3 Micron	0.35 Bar / 5 PSI	£24.86	€ 28.10
FT8F03BS1010	83mm	155mm	38mm	105mm	Flange & Removable Basket	3 Micron	0.35 Bar / 5 PSI	£23.18	€ 26.20
FT8F03BW1010	83mm	155mm	38mm	105mm	Welding Flange	3 Micron	0.35 Bar / 5 PSI	£24.13	€ 27.27
FT8F03BT1310	60mm	155mm	38mm	105mm	With Antisplash Tube	3 Micron	0.35 Bar / 5 PSI	£46.76	€ 52.83
FT8F10BS0810	83mm	130mm	50mm	80mm	Flange & Basket	10 Micron	0.35 Bar / 5 PSI	£23.46	€ 26.51
FT8F10BS1510	83mm	200mm	50mm	150mm	Flange & Basket	10 Micron	0.35 Bar / 5 PSI	£24.27	€ 27.42
FT8F10BS1010	83mm	155mm	38mm	105mm	Flange & Removable Basket	10 Micron	0.35 Bar / 5 PSI	£23.39	€ 26.44
FT8F10BW1010	83mm	155mm	38mm	105mm	Welding Flange	10 Micron	0.35 Bar / 5 PSI	£23.78	€ 26.87
FT8F10BT1310	60mm	155mm	38mm	105mm	With Antisplash Tube	10 Micron	0.35 Bar / 5 PSI	£45.80	€ 51.76
FT8F03BS0820	83mm	130mm	50mm	80mm	Flange & Basket	3 Micron	0.75 Bar / 10.8 PSI	£24.27	€ 27.42
FT8F03BS1520	83mm	200mm	50mm	150mm	Flange & Basket	3 Micron	0.75 Bar / 10.8 PSI	£24.86	€ 28.10
FT8F03BS1020	83mm	155mm	38mm	105mm	Flange & Removable Basket	3 Micron	0.75 Bar / 10.8 PSI	£23.18	€ 26.20
FT8F03BW1020	83mm	155mm	38mm	105mm	Welding Flange	3 Micron	0.75 Bar / 10.8 PSI	£24.13	€ 27.27
FT8F03BT1320	60mm	155mm	38mm	105mm	With Antisplash Tube	3 Micron	0.75 Bar / 10.8 PSI	£46.76	€ 52.83
FT8F10BS0820	83mm	130mm	50mm	80mm	Flange & Basket	10 Micron	0.75 Bar / 10.8 PSI	£23.46	€ 26.51



ORDER CODE	OUTER DIAMETER	TOTAL LENGTH	WIDTH OF BASKET	LENGTH OF BASKET	MOUNTING	AIR RATING INNER ELEMENT	PRESSURISED RATING	NETT. PRICE	
<b>PRESSURISED FILLER BREATHERS CONT.</b>									
								<b>£ STERLING</b>	<b>€ EUROS</b>
FT8F10BS1520	83mm	200mm	50mm	150mm	Flange & Basket	10 Micron	0.75 Bar / 10.8 PSI	£24.27	€ 27.42
FT8F10BS1020	83mm	155mm	38mm	105mm	Flange & Removable Basket	10 Micron	0.75 Bar / 10.8 PSI	£23.39	€ 26.44
FT8F10BW1020	83mm	155mm	38mm	105mm	Welding Flange	10 Micron	0.75 Bar / 10.8 PSI	£23.78	€ 26.87
FT8F10BT1320	60mm	155mm	38mm	105mm	With Antisplash Tube	10 Micron	0.75 Bar / 10.8 PSI	£45.80	€ 51.76
<b>PRESSURISED LOCKABLE FILLER BREATHERS</b>									
FT8F03BS081L	83mm	130mm	50mm	80mm	Flange & Basket	3 Micron	0.35 Bar / 5 PSI	£30.03	€ 33.93
FT8F03BS151L	83mm	200mm	50mm	150mm	Flange & Basket	3 Micron	0.35 Bar / 5 PSI	£30.63	€ 34.61
FT8F03BS101L	83mm	155mm	38mm	105mm	Flange & Removable Basket	3 Micron	0.35 Bar / 5 PSI	£28.95	€ 32.71
FT8F03BW101L	83mm	155mm	38mm	105mm	Welding Flange	3 Micron	0.35 Bar / 5 PSI	£29.90	€ 33.79
FT8F10BS081L	83mm	130mm	50mm	80mm	Flange & Basket	10 Micron	0.35 Bar / 5 PSI	£29.23	€ 33.03
FT8F10BS151L	83mm	200mm	50mm	150mm	Flange & Basket	10 Micron	0.35 Bar / 5 PSI	£30.03	€ 33.93
FT8F10BS101L	83mm	155mm	38mm	105mm	Flange & Removable Basket	10 Micron	0.35 Bar / 5 PSI	£29.16	€ 32.95
FT8F10BW101L	83mm	155mm	38mm	105mm	Welding Flange	10 Micron	0.35 Bar / 5 PSI	£29.55	€ 33.39
FT8F03BS082L	83mm	130mm	50mm	80mm	Flange & Basket	3 Micron	0.75 Bar / 10.8 PSI	£30.03	€ 33.93
FT8F03BS152L	83mm	200mm	50mm	150mm	Flange & Basket	3 Micron	0.75 Bar / 10.8 PSI	£30.63	€ 34.61
FT8F03BS102L	83mm	155mm	38mm	105mm	Flange & Removable Basket	3 Micron	0.75 Bar / 10.8 PSI	£28.95	€ 32.71
FT8F03BW102L	83mm	155mm	38mm	105mm	Welding Flange	3 Micron	0.75 Bar / 10.8 PSI	£29.90	€ 33.79
FT8F10BS082L	83mm	130mm	50mm	80mm	Flange & Basket	10 Micron	0.75 Bar / 10.8 PSI	£29.23	€ 33.03
FT8F10BS152L	83mm	200mm	50mm	150mm	Flange & Basket	10 Micron	0.75 Bar / 10.8 PSI	£30.03	€ 33.93
FT8F10BS102L	83mm	155mm	38mm	105mm	Flange & Removable Basket	10 Micron	0.75 Bar / 10.8 PSI	£29.16	€ 32.95
FT8F10BW102L	83mm	155mm	38mm	105mm	Welding Flange	10 Micron	0.75 Bar / 10.8 PSI	£29.55	€ 33.39



ORDER CODE	CAP WIDTH	TOTAL LENGTH	CONNECTION	AIR RATING INNER ELEMENT	PRESSURISED RATING	NETT. PRICE	
<b>THREADED FILLER BREATHERS (CAP ONLY)</b>							
						<b>£ STERLING</b>	<b>€ EUROS</b>
FT6F03B10	48mm	58mm	1/4" BSP	3 Micron	No Pressure Valve	£8.21	€ 9.28
FT6F03B20	48mm	58mm	3/8" BSP	3 Micron	No Pressure Valve	£8.21	€ 9.28
FT6F10B10	48mm	58mm	1/4" BSP	10 Micron	No Pressure Valve	£8.21	€ 9.28
FT6F10B20	48mm	58mm	3/8" BSP	10 Micron	No Pressure Valve	£8.21	€ 9.28
FT7F03B30	75mm	62.5mm	1/2" BSP	3 Micron	No Pressure Valve	£8.01	€ 9.05
FT7F03B40	75mm	62.5mm	3/4" BSP	3 Micron	No Pressure Valve	£8.01	€ 9.05
FT7F10B30	75mm	62.5mm	1/2" BSP	10 Micron	No Pressure Valve	£8.01	€ 9.05
FT7F10B40	75mm	62.5mm	3/4" BSP	10 Micron	No Pressure Valve	£8.01	€ 9.05
<b>PRESSURISED THREADED FILLER BREATHERS (CAP ONLY)</b>							
FT7F03B31	75mm	62.5mm	1/2" BSP	3 Micron	0.35 Bar / 5 PSI	£18.40	€ 20.79
FT7F03B41	75mm	62.5mm	3/4" BSP	3 Micron	0.35 Bar / 5 PSI	£18.40	€ 20.79
FT7F10B31	75mm	62.5mm	1/2" BSP	10 Micron	0.35 Bar / 5 PSI	£18.40	€ 20.79
FT7F10B41	75mm	62.5mm	3/4" BSP	10 Micron	0.35 Bar / 5 PSI	£18.40	€ 20.79
FT7F03B32	75mm	62.5mm	1/2" BSP	3 Micron	0.75 Bar / 10.8 PSI	£18.40	€ 20.79
FT7F03B42	75mm	62.5mm	3/4" BSP	3 Micron	0.75 Bar / 10.8 PSI	£18.40	€ 20.79
FT7F10B32	75mm	62.5mm	1/2" BSP	10 Micron	0.75 Bar / 10.8 PSI	£18.40	€ 20.79
FT7F10B42	75mm	62.5mm	3/4" BSP	10 Micron	0.75 Bar / 10.8 PSI	£18.40	€ 20.79

## SIGHT GLASSES, PLUGS AND BREATHERS

### OIL LEVEL SIGHT GLASSES (METAL)

**FK**

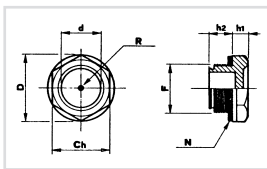

- Aluminium threaded with glass face
- Max temp. 150°C
- Max pressure 3 Bar
- Knob type • Nitrile seals

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TECH. DATA SHEET  
**FA06**

ORDER NO.	THREAD BSP	WIDTH MM	NETT. PRICE	
			£ STERLING	€ EUROS
FK14	1/4"	19	£2.70	€ 3.05
FK38	3/8"	22.5	£3.34	€ 3.77
FK12	1/2"	27	£4.78	€ 5.40
FK34	3/4"	32	£7.20	€ 8.14
FK10	1"	38	£7.68	€ 8.67
FK114	1 1/4"	48	£14.72	€ 16.63
FK112R	1 1/2"	55	£7.99	€ 9.03
FK20R	2"	76	£88.04	€ 99.49

### OIL LEVEL SIGHT GLASS (PLASTIC)

#### SLNS - THREADED OIL LEVEL INDICATORS

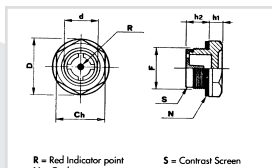


- Threaded Oil Level indicator, hex head with shoulder. Utilised in oiltanks, gearboxes and general machinery.
- This threaded level indicator allows a pressure of 3 bar.
- Asbestos free flat gasket. (available in NBR 70 shore on request)
- Manufactured from high density Polymide resin, which offers high mechanical resistance and withstands oil, gasoline, fuel and most solvents.

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TECH. DATA SHEET  
**FA06**

ORDER NO.	CH	F	D	D	H1	H2	NM	NETT. PRICE	
								£ STERLING	€ EUROS
SLNS14	17	1/4" BSP	20	15	7	8	6	£1.82	€ 2.05
SLN38	18	3/8" BSP	22	14	6.5	10.5	8	£2.17	€ 2.46
SLNS12	24	1/2" BSP	28	16	8	11	12	£2.13	€ 2.41
SLNS34	30	3/4" BSP	35	21	8	12	16	£2.91	€ 3.29
SLNS1	35	1" BSP	43	32	11	12	24	£4.03	€ 4.56
SLNS114	42	1 1/4" BSP	51	33	10	16		£8.30	€ 9.37
SLNS112	50	1 1/2" BSP	58	40	10	20		£10.43	€ 11.78
SLNS2	64	2" BSP	74	48	12	20		£7.41	€ 8.38

#### SLNT - THREADED OIL LEVEL INDICATORS WITH CONTRAST SCREEN FOR CLEARER INDICATION OF THE OIL LEVEL



R = Red Indicator point  
N = Gasket

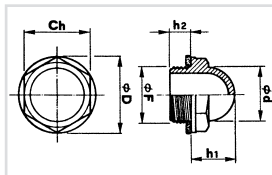
S = Contrast Screen

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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	£2.51	€ 2.84
SLNT12	24	1/2" BSP	28	16	8	11	12	£2.11	€ 2.38
SLNT34	30	3/4" BSP	35	21	8	12	16	£3.84	€ 4.34
SLNT1	35	1" BSP	43	32	11	12	24	£5.26	€ 5.94
SLNT114	42	1 1/4" BSP	51	33	10	16		£4.43	€ 5.01
SLNT112	50	1 1/2" BSP	58	40	10	20		£5.42	€ 6.12
SLNT2	64	2" BSP	74	48	12	20		£7.30	€ 8.25

## LSB - OIL LEVEL INDICATOR IN TRANSPARENT THERMO PLASTIC SCREEN FOR CLEARER INDICATION OF THE OIL LEVEL

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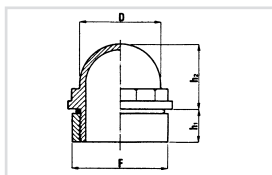
- Dome shaped Level Indicator, transparent, with incorporated hex, which enables to read Oil level an angle.
- Material is transparent Polyimide resin, which resists most chemicals, oil, gasoline, fuel and a variety of solvents.
- Maximum operating temperature: 100°C.
- Flat asbestos free, oil resistant 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	£2.40	€ 2.72
LSB12	1/2"	24	28	20	17	10	12	£2.71	€ 3.06
LSB34	3/4"	30	35	25	20	10	16	£3.71	€ 4.19
LSB1	1"	36	42	31	24	10.5	18	£5.06	€ 5.72

## CF2

### CF - DOME SHAPED THREADED OIL LEVEL INDICATOR GF - STEEL MOUNTING FLANGE

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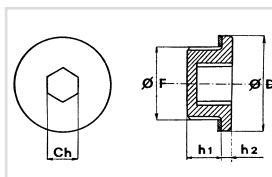
- Transparent halfball shaped level indicator, available with 2" and 3" threaded weld-on steel flanges.
- Made from Thermo Polycarbonate for optimal shock resistance and ensuring unbreakability.
- Product is utilised on truck/tankers and larger reservoirs containing liquids.

ORDER NO.	THREAD BSP	D	H1	H2	NETT. PRICE	
					£ STERLING	€ EUROS
CF2	2"	59	22	32	£5.47	€ 6.18
CF3	3"	85	32	63	£14.60	€ 16.49
GF2	2"	70	20		£19.59	€ 22.14
GF3	3"	102	30		£24.64	€ 27.85

## TCNB

### LOW PROFILE PLUGS

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- 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 Polyimide 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	£1.37	€ 1.54
TCNB38	3/8" BSP	8	22.5	10.5	3.5	6	6	£1.51	€ 1.71
TCNB12	1/2" BSP	10	28.5	10.5	3.5	8	10	£1.82	€ 2.05
TCNB34	3/4" BSP	12	35	10.5	4	10	18	£1.20	€ 1.35

## TCN - OIL FILL PLUGS

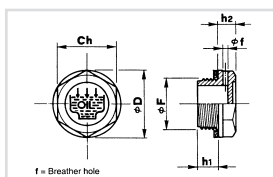
## TCNS - OIL FILL PLUG WITH BREATHER HOLE

## TSN - OIL DRAIN PLUG

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- 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	£1.34	€ 1.52
TCN38	3/8" BSP	18	22	10	7.5	8	£1.51	€ 1.71
TCN12	1/2" BSP	24	28	11	7.5	9	£1.82	€ 2.05
TCN34	3/4" BSP	30	34	11	9	11	£2.48	€ 2.80
TCN1	1" BSP	35	42	12	10.5	20	£3.43	€ 3.88
TCN114	1 1/4" BSP	42	51	13.5	12		£5.11	€ 5.78
TCN112	1 1/2" BSP	50	58	16	10		£5.78	€ 6.53
TCN2	2" BSP	64	74	16	12		£9.57	€ 10.81
TCNS								
TCNS14	1/4" BSP	17	19.5	9	7	5	£1.17	€ 1.32
TCNS38	3/8" BSP	18	22	10	7.5	8	£1.29	€ 1.46
TCNS12	1/2" BSP	24	28	11	7.5	9	£1.94	€ 2.20
TCNS34	3/4" BSP	30	34	11	9	11	£1.95	€ 2.21
TCNS1	1" BSP	35	42	12	10.5	20	£2.88	€ 3.25
TCNS114	1 1/4" BSP	42	51	13.5	12		£4.21	€ 4.76
TCNS112	1 1/2" BSP	50	58	16	10		£5.46	€ 6.17
TCNS2	2" BSP	64	74	16	12		£7.85	€ 8.88
TSN								
TSN14	1/4" BSP	17	19.5	9	7	5	£1.20	€ 1.35
TSN38	3/8" BSP	18	22	10	7.5	8	£1.35	€ 1.53
TSN12	1/2" BSP	24	28	11	7.5	9	£1.63	€ 1.84
TSN34	3/4" BSP	30	34	11	9	11	£2.23	€ 2.52
TSN1	1" BSP	35	42	12	10.5	20	£3.08	€ 3.48
TSN114	1 1/4" BSP	42	51	13.5	12		£3.08	€ 3.48
TSN112	1 1/2" BSP	50	58	16	10		£4.59	€ 5.19
TSN2	2" BSP	64	74	16	12		£5.20	€ 5.87

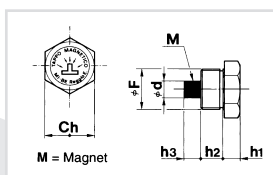
## TMA

## ALUMINIUM DRAIN PLUG WITH MAGNET

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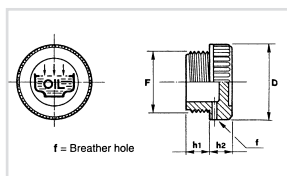


- Hex plug manufactured from aluminium 11s complete with asbestos free flat seal
- Fitted with pressed-in cylindrical magnet
- Fitted to base of tanks to remove ferrous particles
- Text — magnetic

TYPE	F	CH	D	H1	H2	PRICE	
						£ STERLING	€ EUROS
TMA14	1/4" BSP	18	8	7	10	£5.66	€ 6.40
TMA38	3/8" BSP	22	10	7	10	£8.19	€ 9.25
TMA12	1/2" BSP	27	10	8	10	£8.61	€ 9.73
TMA34	3/4" BSP	34	13	8	10	£14.41	€ 16.28
TMA1	1" BSP	40	13	8	14	£19.55	€ 22.09

## TCZS - KNURLED OIL FILL PLUG WITH BREATHER HOLE

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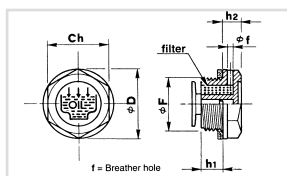


- Threaded plug with knurled head in Thermoplastic material (Polymide 66) ensuring high mechanical resistance at both low and high temperature (max. 100/110°C). Excellent dimensional stability and shock resistant.
- 'O' ring seal or 70 shore rubber seal.
- Available in standard black colour, red on request.
- Style TCZS has molded UNI fill symbol and the text "OIL" molded on top
- Style TSZ has the UNI drain symbol molded on top.
- The style TCZS incorporates a breather hole, located on the knurled rim with a diameter of 2-3mm.

TYPE	F	D	H1	H2	NETT. PRICE	
					£ STERLING	€ EUROS
TCZS						
TCZS14	1/4" BSP	20	9	9	£1.94	€ 2.20
TCZS38	3/8" BSP	20.5	10	9	£1.66	€ 1.87
TCZS12	1/2" BSP	28	10.5	10.5	£1.37	€ 1.54
TCZS34	3/4" BSP	31	11	12	£2.70	€ 3.05
TCZS1	1" BSP	39	12	12	£3.56	€ 4.02
TCZS114	1 1/4" BSP	49	13.5	13	£5.29	€ 5.98
TCZS112	1 1/2" BSP	55	14.5	14.7	£6.66	€ 7.52
TCZS2	2" BSP	68.5	16	15	£9.79	€ 11.06

## TCSA - OIL FILL PLUG WITH BREATHER AND VANE TCSF - OIL FILL PLUG WITH BREATHER, VANE AND FILTER

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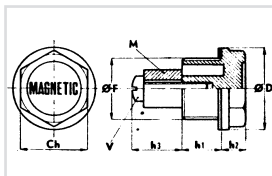
- Hex head oil fill plug made from Thermoplastic material (Polymide 66), ensuring high mechanical resistance at both low and higher temperatures. (max. 100/110°C).
- This product offers excellent dimensional stability and is shock resistant.
- Asbestos free flat oil resistant seal.
- The plugs are marked 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	£1.51	€ 1.71
TCSA38	3/8" BSP	18	22	10	7.5	8	£1.75	€ 1.98
TCSA12	1/2" BSP	24	28	11	7.5	9	£1.37	€ 1.54
TCSA34	3/4" BSP	30	34	11	9	11	£2.57	€ 2.91
TCSA1	1" BSP	35	42	12	10.5	20	£3.45	€ 3.90
TCSA114	1 1/4" BSP	42	51	13.5	12		£4.67	€ 5.28
TCSF								
TCSF38	3/8" BSP	18	22	10	7.5	8	£2.80	€ 3.17
TCSF12	1/2" BSP	24	28	11	7.5	9	£3.00	€ 3.39
TCSF34	3/4" BSP	30	34	11	9	11	£4.16	€ 4.70
TCSF1	1" BSP	35	42	12	10.5	20	£5.11	€ 5.78
TCSF114	1 1/4" BSP	42	51	13.5	12		£4.67	€ 5.28



## TM DRAIN PLUG WITH MAGNET

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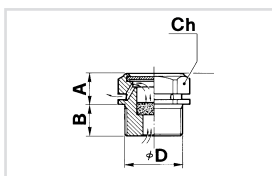


- Thermoplastic hex plug with magnet.
- The plug is mounted on the bottom of the transmission or tank, to be used as drain plug. The magnetic disk will attract ferrous metal parts and contains them, preventing damage to gears and other moving components.
- This plug is manufactured in the colour black, 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	£4.18	€ 4.72
TM38	3/8"	18	22	10	7.5	10	£5.39	€ 6.09
TM12	1/2"	24	27	11	8	9	£6.23	€ 7.04
TM34	3/4"	30	34	11	9	6.5	£8.36	€ 9.44
TM1	1"	35	42	12	10.5	14	£10.83	€ 12.23

## KMF METAL FILLER PLUG WITH FILTER

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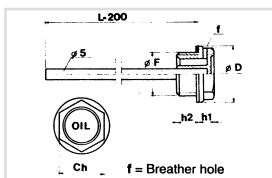


- SINTERED METAL FILTER 50/60 MICRON
- FIBRE ASBESTOS - FREE SEAL
- FOUR BREATHER HOLES ARE LOCATED UNDER THE HEX HEAD PROVIDING AN ADEQUATE BREATHING CAPACITY
- IDEAL FOR GEARBOXES AND TRANSMISSION APPLICATIONS

TYPE	ØD	CH	A	B	NETT. PRICE	
					£ STERLING	€ EUROS
KMF14	1/4"BSP	18	13	9	£6.58	€ 7.44
KMF38	3/8"BSP	22	14	10	£8.10	€ 9.15
KMF12	1/2"BSP	27	14	10	£8.94	€ 10.10

## TCAS HEX PLUG WITH DIPSTICK AND BREATHER HOLE

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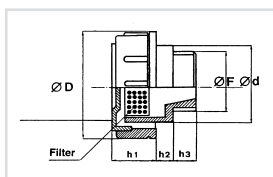
- Hex threaded plug with dipstick (diam. 4.5mm steel), material plug: (Polymide 66) maximum temperature 100/110°C.
- Oil resistant seal. ('O' ring, 70 shore)
- The model TCAS has a breather hole located in the side of the knurled head, with a diameter of 2-2.5mm.
- The standard dipstick is delivered 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	£2.56	€ 2.90
TCAS38	3/8" BSP	18	22	7.5	10	£2.72	€ 3.07
TCAS12	1/2" BSP	24	28	7.5	11	£2.89	€ 3.26
TCAS34	3/4" BSP	30	34	9	11	£3.56	€ 4.02
TCAS1	1" BSP	35	42	10.5	12	£4.28	€ 4.84
TCAS114	1 1/4" BSP	42	51	12	13.5	£5.64	€ 6.37
TCAS2	2" BSP	64	74	13.5	16	£9.08	€ 10.26

## TMD - FILLER BREATHER WITH DOUBLE BREATHER HOLE

## TMDF - FILLER BREATHER WITH DOUBLE BREATHER HOLE AND FILTER

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- Round headed Filler Breather, with vertical ribs for better grip. Oil resistant seal. ('O' ring, 70 shore)
- The Filler Breather is produced from Polyimide 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	£3.74	€ 4.22
TMD12	1/2"	41	28	18	5	12	£4.22	€ 4.77
TMD34	3/4"	47	33	17	5	12	£4.97	€ 5.61
TMD1	1"	52	38	20	5	12	£6.11	€ 6.91
TMD114	1 1/4"	63	49	23	5	13	£7.92	€ 8.95
TMD112	1 1/2	63	55	23	5	13.5	£8.36	€ 9.44
TMDF								
TMDF38	3/8" BSP	36	23	17	5	11	£5.52	€ 6.24
TMDF12	1/2" BSP	41	28	18	5	12	£6.27	€ 7.08
TMDF34	3/4" BSP	47	33	17	5	12	£7.00	€ 7.91
TMDF1	1" BSP	52	38	20	5	12	£8.65	€ 9.78
TMDF114	1 1/4" BSP	63	49	23	5	13	£10.93	€ 12.35
TMDF112	1 1/2" BSP	63	55	23	5	13.5	£11.52	€ 13.02

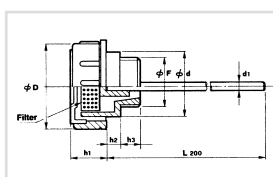
## TMDA

## FILLER BREATHER WITH LARGE BREATHER HOLE AND DIPSTICK

## TMDFA

## FILLER BREATHER WITH LARGE BREATHER HOLE, DIPSTICK AND FILTER

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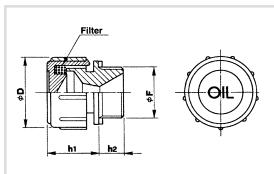


- The below Filler Breathers have the same characteristics as the models TMD - TMDF, but are equipped with a dipstick.
- The standard dipstick is 200mm in length.

TYPE	F	D	D	H1	H2	H3	NETT. PRICE	
							£ STERLING	€ EUROS
TMDA								
TMDA38	3/8" BSP	36	23	17	5	11	£5.24	€ 5.92
TMDA12	1/2" BSP	41	28	18	5	12	£5.74	€ 6.49
TMDA34	3/4" BSP	47	33	17	5	12	£7.14	€ 8.07
TMDA1	1" BSP	52	38	20	5	12	£7.71	€ 8.71
TMDA114	1 1/4" BSP	63	49	23	5	13	£10.02	€ 11.32
TMDA112	1 1/2 BSP	63	55	23	5	13.5	£10.09	€ 11.40
TMDFA								
TMDFA38	3/8" BSP	36	23	17	5	11	£7.44	€ 8.41
TMDFA12	1/2" BSP	41	28	18	5	12	£8.19	€ 9.25
TMDFA34	3/4" BSP	47	33	17	5	12	£9.57	€ 10.81
TMDFA1	1" BSP	52	38	20	5	12	£10.02	€ 11.32
TMDFA114	1 1/4" BSP	63	49	23	5	13	£12.81	€ 14.48
TMDFA112	1 1/2" BSP	63	55	23	5	13.5	£13.81	€ 15.60

## TSF NEW VENT PLUG TO REDUCE OIL OIL DAMP ESCAPE

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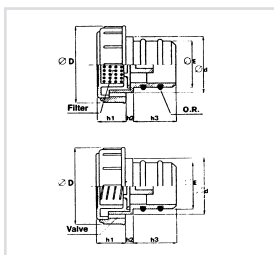
- Filler Breather with easy grip vertical ribs, manufactured from Thermoplastic material (Polymide 66). Maximum working temperature 100°C.
- These style Filler Breathers are produced in black with a red lid, with the text "OIL". On large orders a custom text or company logo is possible.
- A standard 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	£3.66	€ 4.14
TSF38	3/8" BSP*	30	21	10	£3.99	€ 4.51
TSF12	1/2" BSP*	30	21	10	£4.28	€ 4.84

\*On request available in NPT

## TPF - PRESS-FIT FILLER BREATHER WITH LARGE BREATHER HOLE AND FILTER

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- 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
<b>TPF</b>								
TPF18	18	36	23	17	5	10	£6.80	€ 7.69
TPF20	20	36	24	17	4	19	£7.51	€ 8.48
TPF26	26	41	28	17	4	21	£8.28	€ 9.36
TPF30	30	47	33	17	4	21	£9.95	€ 11.25

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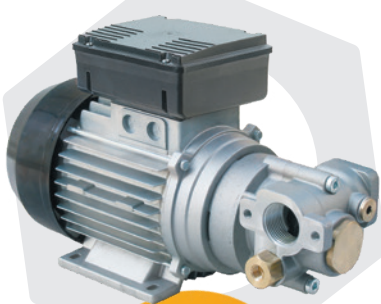
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CLEAN OIL TRANSFER SYSTEMS 24V	550
DRUM AND TANK TRANSFER UNITS	550
MECHANICAL FLOW METERS	551
SELF 3000 NOZZLES	551



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## HF10 FILTRATION UNIT

www.flowfitonline.com  
TECH. DATA SHEET  
**FT01**



The HF10 range of trolleys 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-priming vane pump equipped with a bypass safety system.  
Self ventilated IP55 induction motor with thermal protection 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.  
Relative humidity Max 90%.  
Viscosity 20 – 50 cSt.  
Fluid permitted – Hydraulic oil, engine oil and diesel.  
Fluids not permitted – Gasoline, benzine, inflammable liquids with fp < 55 degrees Celsius, water, solvents and liquid food products.  
Maximum 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

\* Comes with european plug.

ORDER CODE	FLOW RATE	FILTRATION	VOLTAGE	NETT. PRICE	
				£ STERLING	€ EUROS
HF10	25 L/Min	10 Micron Paper	240	£596.37	€ 673.90
HF10110V	25 L/Min	10 Micron Paper	110	£682.71	€ 771.46

ELEMENTS	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
A110G03	3 Micron Absolute Fibreglass	£40.71	€ 46.81
A110G06	6 Micron Absolute Fibreglass	£40.71	€ 46.81
A110G10	10 Micron Absolute Fibreglass	£34.14	€ 39.26
A110G25	25 Micron Absolute Fibreglass	£34.14	€ 39.26
A110C10	10 Micron Nominal Paper	£10.04	€ 11.54
A110C25	25 Micron Nominal Paper	£10.04	€ 11.54
A110CW10	10 Micron Water Removal	£56.62	€ 65.11
A110T60	60 Micron Nominal Wiremesh	£18.73	€ 21.54
A110T90	90 Micron Nominal Wiremesh	£17.40	€ 20.01
A110T125	125 Micron Nominal Wiremesh	£17.40	€ 20.01

## 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 storage 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.

\* Comes with european plug.

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	£1,522.68	€ 1,720.63
HFT620-2-4-MS060-SP010-B	25 L/Min	415Vac	0.8	60 Micron Wiremesh	10 Micron Paper	£1,527.46	€ 1,726.03
HFT620-5-2-MS060-SP010-B	50 L/Min	240Vac	0.8	60 Micron Wiremesh	10 Micron Paper	£1,567.29	€ 1,771.04
HFT620-5-4-MS060-SP010-B	50 L/Min	415Vac	0.8	60 Micron Wiremesh	10 Micron Paper	£1,567.29	€ 1,771.04
HFT620-7-2-MS060-SP010-B	75 L/Min	240Vac	1.1	60 Micron Wiremesh	10 Micron Paper	£1,739.98	€ 1,966.17
HFT620-7-4-MS060-SP010-B	75 L/Min	415Vac	1.1	60 Micron Wiremesh	10 Micron Paper	£1,593.86	€ 1,801.06



## 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	£588.16	€ 664.62
VISCOMAT70400V	25 L/Min	6 bar	-	400v 50Hz	1450	750	14.1kg	£587.88	€ 664.31
VISCOMAT70110V	25 L/Min	6 bar	110v 50 Hz	-	1450	1200	14.1kg	£740.88	€ 837.19
VISCOMAT90400V	50 L/Min	5 bar	-	400v 50Hz	1450	2000	14.1kg	£665.27	€ 751.75
VISCOMAT200230V	9 L/Min	12 bar	230v 50 Hz	-	1450	550	9kg	£654.71	€ 739.82
VISCOMAT200400V	9 L/Min	12 bar	-	400v 50Hz	1450	550	9kg	£654.71	€ 739.82
VISCOMAT200110V	9 L/Min	12 bar	110v 60Hz	-	1730	950	9kg	£730.16	€ 825.08
VISCOMAT230230V	14 L/Min	12 bar	230v 50 Hz	-	1450	750	12.5kg	£809.00	€ 914.17
VISCOMAT230400V	14 L/Min	12 bar	-	400v 50Hz	1450	750	12.5kg	£809.00	€ 914.17

## 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	£388.69	€ 439.22
F00309010	60/2 12V	10 L/Min	4	3/4"	12	35	30mins	4.9kg	£430.21	€ 486.13
F00309000	DC120/1 12V	5 L/Min	10	1/2"	12	25	30mins	4.9kg	£464.60	€ 525.00
F00310020	60/1 24V	4 L/Min	5	1/2"	24	9	30mins	3kg	£388.05	€ 438.49
F00310010	60/2 24V	10 L/Min	4	3/4"	24	18	30mins	4.9kg	£457.79	€ 517.30
F00310000	120/1 24V	5 L/Min	10	1/2"	24	12	30mins	4.9kg	£430.69	€ 486.68



# 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 • 250cm<sup>3</sup>/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	350cm <sup>3</sup>	25 L/Min	YES	YES	YES	YES	£82.18	€ 92.87
CTS2001	Cast Iron	350cm <sup>3</sup>	25 L/Min	YES	YES	NO	NO	£43.41	€ 49.05

## 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	£85.75	€ 96.90
CTS5011	Cast Iron	3/4" BSP	25 L/Min	YES	£92.90	€ 104.98
CTS5000	Cast Iron	1" BSP	25 L/Min	YES	£115.54	€ 130.56

## 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	£39.29	€ 44.40

## 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%

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.

### Specifications

Tubular structure trailer mounted support for oving drums, Complete with nozzle support, pipe support and drip collector.

### 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	£2,090.59	€ 2,362.37
VISCOTROLL 120/1 DC pst K400	6 L/Min	12 DC	YES	OIL	YES	Up to 2000cSt	£2,504.62	€ 2,830.22

## 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

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 1" gas delivery pipe.  
Delivery nozzle with flexible end and automatic non-drip valve.

### Specifications

Tubular structure trailer mounted support for moving drums, Complete with nozzle support, pipe support and drip collector.

### 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	£1,064.72	€ 1,203.13
VISCOTROLL 70/K33	25 L/Min	230	0.75	OIL	YES	Up to 500cSt	£1,302.21	€ 1,471.50

## 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	£606.36	€ 685.19
DRUMVCT200	230	9 L/Min	4m	1/2"	18 kg	No	Oil	£610.65	€ 690.03
DRUMVCT70K33	230	25 L/Min	4m	3/4"	19 kg	Yes	Oil & Raps Oil	£845.49	€ 955.41
DRUM20001260	12	38 L/Min	4m	3/4"	10 kg	No	Diesel	£768.18	€ 868.04
DRUM20002460	24	38 L/Min	4m	3/4"	10 kg	No	Diesel	£768.18	€ 868.04
DRUMB112120	12	80 L/Min	4m	1"	18 kg	No	Diesel	£1,086.17	€ 1,227.37
DRUMB124120	24	80 L/Min	4m	1"	18 kg	No	Diesel	£1,086.17	€ 1,227.37

## 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	£225.10	€ 254.36
K33	20-120	230	1"	2kg	NO	YES	YES	£218.85	€ 247.30
K44 diesel	20-120	230	1"	2kg	YES	NO	NO	£284.83	€ 321.86
K44	20-120	230	1"	2kg	NO	YES	YES	£284.83	€ 321.86

## 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, allows 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	£41.28	€ 46.64

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

# HYDRAULIC QUICK RELEASE COUPLINGS

PRODUCT	PAGE
FLOWFIT HYDRAULIC ISO A QUICK RELEASE COUPLINGS MALE & FEMALE ENDS	553
FLOWFIT HYDRAULIC FLAT FACE QUICK RELEASE COUPLINGS MALE & FEMALE ENDS	555
FLOWFIT HYDRAULIC TRAILER BRAKE QUICK RELEASE COUPLINGS	557



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# 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

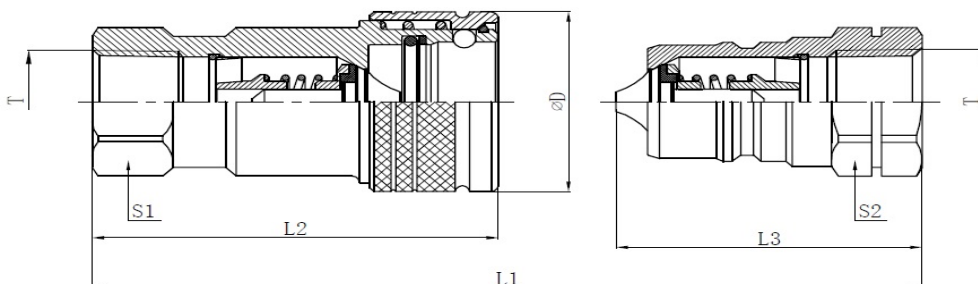
Valve: Poppet Type

Back-up ring: in pure Teflon

Seals: standard in nitrile NBR.

On request FKM, EPDM and VMQ seals

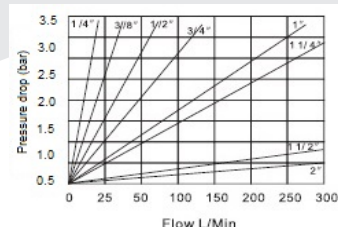
Working temperature: with standard seals -25°C+ 125°C



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	£3.03	€ 3.43
QRCISOAM14	HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 1/4" BSP, DN04, ISO 6.3, 315 BAR RATED, 12 L/MIN	£1.61	€ 1.82
QRCISOAF38	HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 3/8" BSP, DN06, ISO 10, 315 BAR RATED, 23 L/MIN	£3.28	€ 3.70
QRCISOAM38	HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 3/8" BSP, DN06, ISO 10, 315 BAR RATED, 23 L/MIN	£1.53	€ 1.73
QRCISOAF12	HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 1/2" BSP, DN08, ISO 12.5, 250 BAR RATED, 45 L/MIN	£4.21	€ 4.76
QRCISOAM12	HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 1/2" BSP, DN08, ISO 12.5, 250 BAR RATED, 45 L/MIN	£1.55	€ 1.76
QRCISOAF34	HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 3/4" BSP, DN12, ISO 20, 250 BAR RATED, 106 L/MIN	£7.37	€ 8.33
QRCISOAM34	HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 3/4" BSP, DN12, ISO 20, 250 BAR RATED, 106 L/MIN	£3.90	€ 4.40
QRCISOAF1	HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 1" BSP, DN16, ISO 25, 200 BAR RATED, 189 L/MIN	£12.36	€ 13.97
QRCISOAM1	HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 1" BSP, DN16, ISO 25, 200 BAR RATED, 189 L/MIN	£6.00	€ 6.77
QRCISOAF114	HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 1 1/4" BSP, DN20, ISO 31.5, 200 BAR RATED, 288 L/MIN	£20.08	€ 22.69
QRCISOAM114	HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 1 1/4" BSP, DN20, ISO 31.5, 200 BAR RATED, 288 L/MIN	£12.90	€ 14.58
QRCISOAF112	HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 1 1/2" BSP, DN24, ISO 40, 160 BAR RATED, 379 L/MIN	£59.17	€ 66.86
QRCISOAM112	HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 1 1/2" BSP, DN24, ISO 40, 160 BAR RATED, 379 L/MIN	£28.83	€ 32.58
QRCISOAF2	HYDRAULIC ISO A QUICK RELEASE COUPLING FEMALE 2" BSP, DN32, ISO 50, 200 BAR RATED 757 L/MIN	£104.69	€ 118.29
QRCISOAM2	HYDRAULIC ISO A QUICK RELEASE COUPLING MALE 2" BSP, DN32, ISO 50, 200 BAR RATED 757 L/MIN	£49.32	€ 55.73

## 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	£0.61	€ 0.69
PPQRCISOAM14	PLASTIC DUST CAP FOR 1/4"BSP, DN04 ISO A MALE QRC	£0.61	€ 0.69
PPQRCISOAF38	PLASTIC DUST PLUG FOR 3/8"BSP, DN06 ISO A FEMALE QRC	£0.74	€ 0.83
PPQRCISOAM38	PLASTIC DUST CAP FOR 3/8"BSP, DN06 ISO A MALE QRC	£0.74	€ 0.83
PPQRCISOAF12	PLASTIC DUST PLUG FOR 1/2"BSP, DN08 ISO A FEMALE QRC	£0.74	€ 0.83
PPQRCISOAM12	PLASTIC DUST CAP FOR 1/2"BSP, DN08 ISO A MALE QRC	£0.74	€ 0.83
PPQRCISOAF34	PLASTIC DUST PLUG FOR 3/4"BSP, DN12 ISO A FEMALE QRC	£0.79	€ 0.89
PPQRCISOAM34	PLASTIC DUST CAP FOR 3/4"BSP, DN12 ISO A MALE QRC	£0.79	€ 0.89
PPQRCISOAF1	PLASTIC DUST PLUG FOR 1"BSP, DN16 ISO A FEMALE QRC	£1.40	€ 1.58
PPQRCISOAM1	PLASTIC DUST CAP FOR 1"BSP, DN16 ISO A MALE QRC	£1.40	€ 1.58
ALQRCISOAF114	ALUMINIUM DUST PLUG FOR 1 1/4"BSP, DN20 ISO A FEMALE QRC	£15.63	€ 17.67
ALQRCISOAM114	ALUMINIUM DUST CAP FOR 1 1/4"BSP, DN20 ISO A MALE QRC	£14.62	€ 16.52
ALQRCISOAF112	ALUMINIUM DUST PLUG FOR 1 1/2"BSP, DN24 ISO A FEMALE QRC	£16.44	€ 18.58
ALQRCISOAM112	ALUMINIUM DUST CAP FOR 1 1/2"BSP, DN24 ISO A MALE QRC	£16.28	€ 18.39
ALQRCISOAF2	ALUMINIUM DUST PLUG FOR 2"BSP, DN32 ISO A FEMALE QRC	£25.34	€ 28.63
ALQRCISOAM2	ALUMINIUM DUST CAP FOR 2"BSP, DN32 ISO A MALE QRC	£24.91	€ 28.14

# FLOWFIT HYDRAULIC FLAT FACE QUICK RELEASE COUPLINGS MALE & FEMALE ENDS

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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).

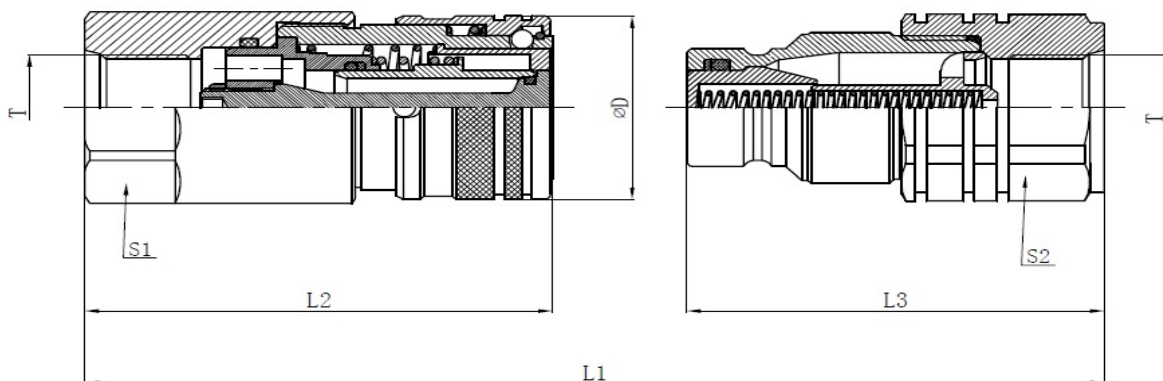
## SPECIFICATION

Materials: zinc-plated carbon steel body

Seals: standard in nitrile NBR. On request FKM, EPDM and VMQ seals

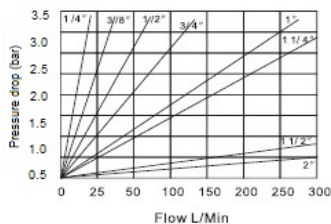
Back-up ring: in pure Teflon

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	£9.29	€ 10.50
QRCFFM14	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1/4" BSP, DN04, ISO 6.3, 400 BAR RATED, 12 L/MIN	£4.08	€ 4.62
QRCFFF38	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 3/8" BSP, DN06, ISO10, 350 BAR RATED, 23 L/MIN	£12.14	€ 13.72
QRCFFM38	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 3/8" BSP, DN06, ISO10, 350 BAR RATED, 23 L/MIN	£6.07	€ 6.86
QRCFFF12-38	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1/2" BSP, DN06, ISO10, 350 BAR RATED, 23 L/MIN	£12.14	€ 13.72
QRCFFM12-38	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1/2" BSP, DN06, ISO10, 350 BAR RATED, 23 L/MIN	£6.07	€ 6.86
QRCFFF12	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1/2" BSP, DN08, ISO 12.5, 350 BAR RATED, 45 L/MIN	£15.58	€ 17.61
QRCFFM12	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1/2" BSP, DN08, ISO 12.5, 350 BAR RATED, 45 L/MIN	£7.68	€ 8.67
QRCFFF34-12	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 3/4" BSP, DN08, ISO 12.5, 350 BAR RATED, 45 L/MIN	£15.58	€ 17.61
QRCFFM34-12	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 3/4" BSP, DN08, ISO 12.5, 350 BAR RATED, 45 L/MIN	£7.68	€ 8.67
QRCFFF34	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 3/4" BSP, DN12, ISO 20, 350 BAR RATED, 100 L/MIN	£26.07	€ 29.46
QRCFFM34	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 3/4" BSP, DN12, ISO 20, 350 BAR RATED, 100 L/MIN	£16.34	€ 18.46
QRCFFF1-34	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1" BSP, DN12, ISO 20, 350 BAR RATED, 100 L/MIN	£26.07	€ 29.46
QRCFFM1-34	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1" BSP, DN12, ISO 20, 350 BAR RATED, 100 L/MIN	£16.34	€ 18.46
QRCFFF1	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1" BSP, DN16, ISO 25, 350 BAR RATED, 189 L/MIN	£38.35	€ 43.33
QRCFFM1	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1" BSP, DN16, ISO 25, 350 BAR RATED, 189 L/MIN	£20.78	€ 23.48
QRCFFF1620114	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1 1/4" BSP, DN16/DN20, ISO 25, 350 BAR RATED 189 L/MIN	£45.62	€ 51.55
QRCFFM1620114	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1 1/4" BSP, DN16/DN20, ISO 25, 350 BAR RATED 189 L/MIN	£20.78	€ 23.48
QRCFFF24112	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 1 1/2" BSP, DN24, ISO 40, 250 BAR, 379 L/MIN	£145.03	€ 163.88
QRCFFM24112	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 1 1/2" BSP, DN24, ISO 40, 250 BAR, 379 L/MIN	£74.46	€ 84.13
QRCFFF322	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING FEMALE 2" BSP, DN32, 250 BAR RATED, 758 L/MIN	£282.44	€ 319.16
QRCFFM322	HYDRAULIC FLAT FACE QUICK RELEASE COUPLING MALE 2" BSP, DN32, 250 BAR RATED, 758 L/MIN	£149.77	€ 169.24

## 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	£0.74	€ 0.83
PPQRCFFM14	PLASTIC DUST CAP FOR 1/4"BSP, DN04 FLAT FACE MALE QRC	£0.74	€ 0.83
PPQRCFFF38	PLASTIC DUST CAP FOR 3/8"BSP, DN06 FLAT FACE FEMALE QRC AND 1/2"BSP, DN06 FLAT FACE FEMALE QRC	£0.79	€ 0.89
PPQRCFFM38	PLASTIC DUST CAP FOR 3/8"BSP, DN06 FLAT FACE MALE QRC AND 1/2"BSP, DN06 FLAT FACE MALE QRC	£0.79	€ 0.89
PPQRCFFF12	PLASTIC DUST CAP FOR 1/2"BSP, DN08 FLAT FACE FEMALE QRC AND 3/4"BSP, DN08 FLAT FACE FEMALE QRC	£0.91	€ 1.03
PPQRCFFM12	PLASTIC DUST CAP FOR 1/2"BSP, DN08 FLAT FACE MALE QRC AND 3/4"BSP, DN08 FLAT FACE MALE QRC	£0.91	€ 1.03
PPQRCFFF34	PLASTIC DUST CAP FOR 3/4"BSP, DN12 FLAT FACE FEMALE QRC AND 1"BSP, DN12 FLAT FACE FEMALE QRC	£1.06	€ 1.20
PPQRCFFM34	PLASTIC DUST CAP FOR 3/4"BSP, DN12 FLAT FACE MALE QRC AND 1"BSP, DN12 FLAT FACE MALE QRC	£1.06	€ 1.20
PPQRCFFF1	PLASTIC DUST CAP FOR 1"BSP, DN16 FLAT FACE FEMALE QRC	£1.61	€ 1.82
PPQRCFFM1	PLASTIC DUST CAP FOR 1"BSP, DN16 FLAT FACE MALE QRC	£1.61	€ 1.82

# FLOWFIT HYDRAULIC TRAILER BRAKE QUICK RELEASE COUPLINGS

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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 are 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.

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

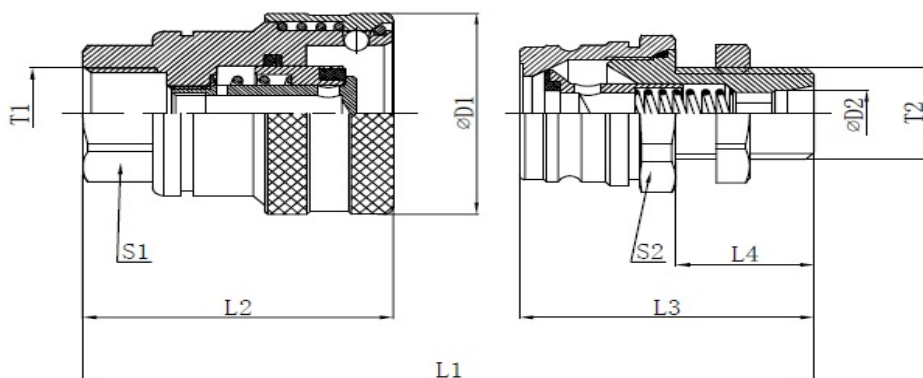
Valve: Flat valve type

Back-up ring: in pure Teflon

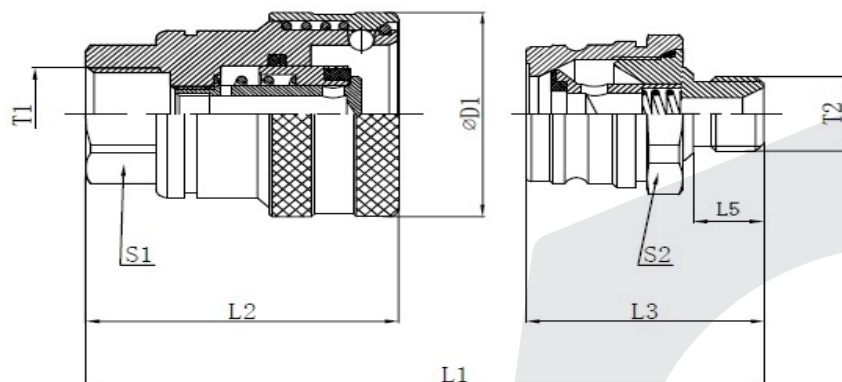
Seals: standard in nitrile NBR.

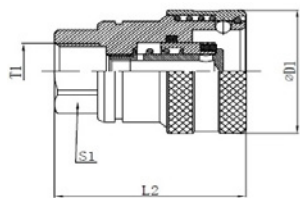
On request FKM, EPDM and VMQ seals  
Working temperature: with standard seals  
-25°C + 125°C

## FEMALE TO MALE WITH BULKHEAD



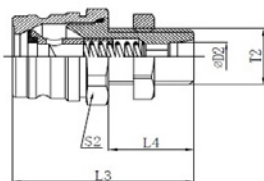
## FEMALE TO MALE WITH MALE THREAD





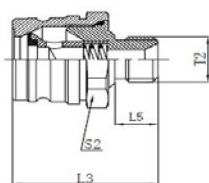
## FEMALE TRAILER BREAK QUICK RELEASE COUPLING

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
DN	ISO	(BAR)	(L/M)	MALE (BAR)	FEMALE (BAR)	COUPLED (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	£5.61	€ 6.34
QRCTBF12	TRAILER BRAKE QRC FEMALE 1/2" BSP DN08, 150 BAR RATED 24 L/MIN	£5.61	€ 6.34
QRCTBFM18	TRAILER BRAKE QRC FEMALE M18X1.5 DN08, 150 BAR RATED 24 L/MIN	£5.61	€ 6.34
QRCTBBMM18	TRAILER BRAKE QRC MALE M18X1.5 BULKHEAD DN08, 150 BAR RATED 24 L/MIN	£4.85	€ 5.48
QRCTBBMM22	TRAILER BRAKE QRC MALE M22X1.5 BULKHEAD DN08, 150 BAR RATED 24 L/MIN	£4.85	€ 5.48
QRCTBM12	TRAILER BRAKE QRC MALE 1/2"BSP DN08, 150 BAR RATED 24 L/MIN	£4.85	€ 5.48

## ACCESSORIES

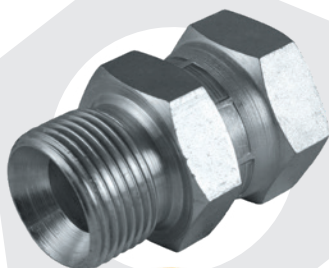


DN	ISO	FEMALE DUST PLUG	MALE DUST CAP	MATERIAL
08	12.5	QRCTBFS	QRCTBMPVC	Plastic
				Steel

PRODUCT REFERENCE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
QRCTBMPVC	TRAILER BRAKE PLASTIC MALE DUST CAP COVER DN08 (GREY)	£0.58	€ 0.65
QRCTBFS	TRAILER BRAKE FEMALE STEEL DUST PLUG COUPLER COVER	£1.06	€ 1.20

# HYDRAULIC ADAPTORS

PRODUCT	PAGE
MALE X MALE ADAPTORS	560
MALE X SWIVEL FEMALE ADAPTORS	574
SWIVEL FEMALE X SWIVEL FEMALE ADAPTORS	578
MALE X FIXED FEMALE & FIXED FEMALE/FEMALE ADAPTORS	579
TEES & CROSS ADAPTORS	582
ELBOW ADAPTORS	588
PLUGS, CAPS & CRIMP NUTS	595
SWEPTS, PUSH-INS, HOSE-TAILS & FERRULES	598
BONDED SEALS	600



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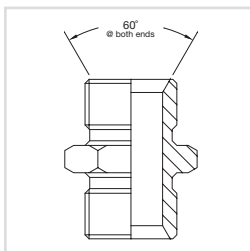
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# MALE X MALE ADAPTORS

## BSP MALE X BSP MALE



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**HA01**

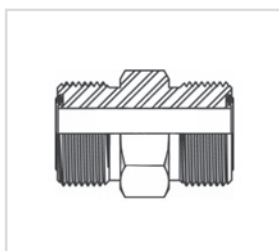
PART NUMBER	DESCRIPTION	NETT. PRICE	
BUR00001	Hydraulic adaptor male x male, 1/8" BSP x 1/8" BSP	£1.26	€ 1.42
BUR00002	Hydraulic adaptor male x male, 1/8" BSP x 1/4" BSP	£1.31	€ 1.48
BUR00003	Hydraulic adaptor male x male, 1/8" BSP x 3/8" BSP	£1.71	€ 1.93
BUR00004	Hydraulic adaptor male x male, 1/8" BSP x 1/2" BSP	£2.22	€ 2.50
BUR00005	Hydraulic adaptor male x male, 1/4" BSP x 1/4" BSP	£1.26	€ 1.42
BUR00006	Hydraulic adaptor male x male, 1/4" BSP x 3/8" BSP	£1.44	€ 1.63
BUR00007	Hydraulic adaptor male x male, 1/4" BSP x 1/2" BSP	£1.77	€ 2.01
BUR00008	Hydraulic adaptor male x male, 1/4" BSP x 5/8" BSP	£4.20	€ 4.75
BUR00009	Hydraulic adaptor male x male, 1/4" BSP x 3/4" BSP	£4.20	€ 4.75
BUR00010	Hydraulic adaptor male x male, 1/4" BSP x 1" BSP	£6.56	€ 7.42
BUR00011	Hydraulic adaptor male x male, 1/4" BSP x 1 1/4" BSP	£22.22	€ 25.11
BUR00012	Hydraulic adaptor male x male, 1/4" BSP x 1 1/2" BSP	£26.96	€ 30.47
BUR00013	Hydraulic adaptor male x male, 1/4" BSP x 2" BSP	£36.88	€ 41.67
BUR00014	Hydraulic adaptor male x male, 3/8" BSP x 3/8" BSP	£1.44	€ 1.63
BUR00015	Hydraulic adaptor male x male, 3/8" BSP x 1/2" BSP	£1.77	€ 2.01
BUR00016	Hydraulic adaptor male x male, 3/8" BSP x 5/8" BSP	£2.49	€ 2.81
BUR00017	Hydraulic adaptor male x male, 3/8" BSP x 3/4" BSP	£3.20	€ 3.62
BUR00018	Hydraulic adaptor male x male, 3/8" BSP x 1" BSP	£6.56	€ 7.42
BUR00019	Hydraulic adaptor male x male, 3/8" BSP x 1 1/4" BSP	£18.28	€ 20.66
BUR00020	Hydraulic adaptor male x male, 3/8" BSP x 1 1/2" BSP	£21.11	€ 23.85
BUR00060	Hydraulic adaptor male x male, 3/8" BSP x 2" BSP	£36.88	€ 41.67
BUR00021	Hydraulic adaptor male x male, 1/2" BSP x 1/2" BSP	£1.77	€ 2.01
BUR00022	Hydraulic adaptor male x male, 1/2" BSP x 5/8" BSP	£2.34	€ 2.65
BUR00023	Hydraulic adaptor male x male, 1/2" BSP x 3/4" BSP	£3.03	€ 3.43
BUR00024	Hydraulic adaptor male x male, 1/2" BSP x 1" BSP	£5.29	€ 5.98
BUR00025	Hydraulic adaptor male x male, 1/2" BSP x 1 1/4" BSP	£18.28	€ 20.66
BUR00026	Hydraulic adaptor male x male, 1/2" BSP x 1 1/2" BSP	£22.33	€ 25.24
BUR00027	Hydraulic adaptor male x male, 1/2" BSP x 2" BSP	£28.16	€ 31.82
BUR00028	Hydraulic adaptor male x male, 5/8" BSP x 5/8" BSP	£2.34	€ 2.65
BUR00029	Hydraulic adaptor male x male, 5/8" BSP x 3/4" BSP	£3.03	€ 3.43
BUR00030	Hydraulic adaptor male x male, 5/8" BSP x 1" BSP	£5.37	€ 6.06
BUR00031	Hydraulic adaptor male x male, 5/8" BSP x 1 1/4" BSP	£18.28	€ 20.66
BUR00032	Hydraulic adaptor male x male, 3/4" BSP x 3/4" BSP	£3.03	€ 3.43
BUR00033	Hydraulic adaptor male x male, 3/4" BSP x 1" BSP	£5.29	€ 5.98
BUR00034	Hydraulic adaptor male x male, 3/4" BSP x 1 1/4" BSP	£17.55	€ 19.83
BUR00035	Hydraulic adaptor male x male, 3/4" BSP x 1 1/2" BSP	£20.24	€ 22.88
BUR00036	Hydraulic adaptor male x male, 3/4" BSP x 2" BSP	£27.09	€ 30.61
BUR00037	Hydraulic adaptor male x male, 1" BSP x 1" BSP	£5.08	€ 5.74
BUR00038	Hydraulic adaptor male x male, 1" BSP x 1 1/4" BSP	£11.81	€ 13.35
BUR00039	Hydraulic adaptor male x male, 1" BSP x 1 1/2" BSP	£15.11	€ 17.07
BUR00040	Hydraulic adaptor male x male, 1" BSP x 2" BSP	£23.69	€ 26.77
BUR00051	Hydraulic adaptor male x male, 1" BSP x 2 1/2" BSP	£57.69	€ 65.19
BUR00042	Hydraulic adaptor male x male, 1 1/4" BSP x 1 1/4" BSP	£10.86	€ 12.27
BUR00043	Hydraulic adaptor male x male, 1 1/4" BSP x 1 1/2" BSP	£14.06	€ 15.89
BUR00044	Hydraulic adaptor male x male, 1 1/4" BSP x 2" BSP	£23.69	€ 26.77

Continued on next page

PART NUMBER	DESCRIPTION	NETT. PRICE	
BUR00041	Hydraulic adaptor male x male, 1 1/4" BSP x 2 1/2" BSP	£57.69	€ 65.19
BUR00045	Hydraulic adaptor male x male, 1 1/2" BSP x 1 1/2" BSP	£13.24	€ 14.96
BUR00046	Hydraulic adaptor male x male, 1 1/2" BSP x 1 3/4" BSP	£17.00	€ 19.21
BUR00047	Hydraulic adaptor male x male, 1 1/2" BSP x 2" BSP	£21.44	€ 24.23
BUR00048	Hydraulic adaptor male x male, 1 1/2" BSP x 2 1/2" BSP	£57.69	€ 65.19
BUR00057	Hydraulic adaptor male x male, 1 3/4" BSP x 1 3/4" BSP	£10.86	€ 12.27
BUR00049	Hydraulic adaptor male x male, 1 3/4" BSP x 2" BSP	£23.69	€ 26.77
BUR00050	Hydraulic adaptor male x male, 2" BSP x 2" BSP	£21.44	€ 24.23
BUR00053	Hydraulic adaptor male x male, 2" BSP x 2 1/2" BSP	£57.69	€ 65.19
BUR00056	Hydraulic adaptor male x male, 2" BSP x 3" BSP	£111.96	€ 126.52
BUR00063	Hydraulic adaptor male x male, 2" BSP x 4" BSP	£208.37	€ 235.46
BUR00052	Hydraulic adaptor male x male, 2 1/2" BSP x 2 1/2" BSP	£50.24	€ 56.77
BUR00054	Hydraulic adaptor male x male, 2 1/2" BSP x 3" BSP	£76.97	€ 86.97
BUR00055	Hydraulic adaptor male x male, 3" BSP x 3" BSP	£76.97	€ 86.97
BUR00064	Hydraulic adaptor male x male, 3" BSP x 4" BSP	£208.37	€ 235.46
BUR00061	Hydraulic adaptor male x male, 3 1/2" BSP x 4" BSP	£175.37	€ 198.17
BUR00062	Hydraulic adaptor male x male, 4" BSP x 4" BSP	£197.53	€ 223.20

## ORFS MALE X ORFS MALE

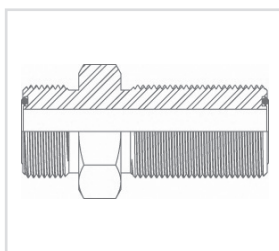
www.flowfitonline.com  
TECH. DATA SHEET  
**HA01**



PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR9305-04-04	Hydraulic adaptor ORFS male x ORFS male, 9/16 ORFS X 9/16 ORFS	£4.24	€ 4.79
BUR9305-24-24	Hydraulic adaptor ORFS male x ORFS male, 2 ORFS X 2 ORFS	£46.35	€ 52.37

## ORFS MALE X ORFS MALE BULKHEAD ONLY

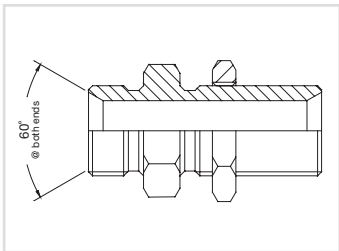
www.flowfitonline.com  
TECH. DATA SHEET  
**HA01**



PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR9325-04	Hydraulic adaptor ORFS male x ORFS male bulkhead only, 9/16 ORFS	£14.37	€ 16.24
BUR9325-06	Hydraulic adaptor ORFS male x ORFS male bulkhead only, 11/16 ORFS	£14.13	€ 15.97
BUR9325-08	Hydraulic adaptor ORFS male x ORFS male bulkhead only, 13/16 ORFS	£18.65	€ 21.07
BUR9325-10	Hydraulic adaptor ORFS male x ORFS male bulkhead only, 1 ORFS	£20.12	€ 22.73
BUR9325-12	Hydraulic adaptor ORFS male x ORFS male bulkhead only, 1-3/16 ORFS	£25.70	€ 29.05
BUR9325-16	Hydraulic adaptor ORFS male x ORFS male bulkhead only, 1-7/16 ORFS	£30.64	€ 34.62
BUR9325-20	Hydraulic adaptor ORFS male x ORFS male bulkhead only, 1-11/16 ORFS	£46.04	€ 52.03

## BSP MALE X BSP MALE BULKHEAD WITH LOCKNUT

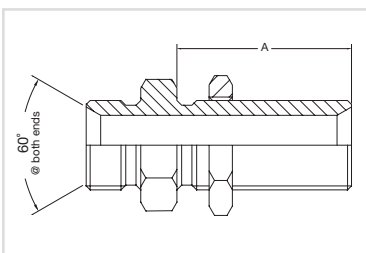
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TECH. DATA SHEET  
**HA01**



PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09500	Hydraulic bulkhead male x male adaptor with locknut 1/8" BSP	£5.06	€ 5.72
BUR09501	Hydraulic bulkhead male x male adaptor with locknut 1/4" BSP	£4.44	€ 5.02
BUR09502	Hydraulic bulkhead male x male adaptor with locknut 3/8" BSP	£4.79	€ 5.41
BUR09503	Hydraulic bulkhead male x male adaptor with locknut 1/2" BSP	£5.22	€ 5.90
BUR09504	Hydraulic bulkhead male x male adaptor with locknut 5/8" BSP	£6.01	€ 6.79
BUR09506	Hydraulic bulkhead male x male adaptor with locknut 3/4" BSP	£8.99	€ 10.16
BUR09507	Hydraulic bulkhead male x male adaptor with locknut 1" BSP	£12.48	€ 14.11
BUR09508	Hydraulic bulkhead male x male adaptor with locknut 1-1/4" BSP	£24.45	€ 27.63
BUR09509	Hydraulic bulkhead male x male adaptor with locknut 1-1/2" BSP	£46.29	€ 52.31
BUR09510	Hydraulic bulkhead male x male adaptor with locknut 2" BSP	£63.46	€ 71.71
BUR09516	Hydraulic bulkhead male x male adaptor with locknut 2-1/2" BSP	£127.91	€ 144.54
BUR09517	Hydraulic bulkhead male x male adaptor with locknut 3" BSP	£206.19	€ 232.99
BUR09512	Hydraulic bulkhead male x male adaptor with locknut 1/4" BSP x 3/8" BSP	£6.80	€ 7.69
BUR09513	Hydraulic bulkhead male x male adaptor with locknut 3/8" BSP x 1/4" BSP	£6.80	€ 7.69
BUR09505	Hydraulic bulkhead male x male adaptor with locknut 3/8" BSP x 1/2" BSP	£10.00	€ 11.30
BUR09511	Hydraulic bulkhead male x male adaptor with locknut 1/2" BSP x 3/8" BSP	£10.00	€ 11.30
BUR09514	Hydraulic bulkhead male x male adaptor with locknut 1/2" BSP x 3/4" BSP	£17.96	€ 20.29
BUR09515	Hydraulic bulkhead male x male adaptor with locknut 3/4" BSP x 1/2" BSP	£17.70	€ 20.00
BUR09521	Hydraulic bulkhead male x male adaptor with locknut 1-1/2" BSP x 1" BSP	£68.41	€ 77.30

## BSP MALE X BSP MALE EXTENDED BULKHEAD WITH LOCKNUT

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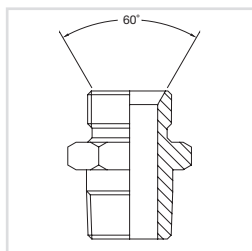
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR12201	Hydraulic male x male extended bulkhead with locknut 1/4" BSP	£9.04	€ 10.22
BUR12202	Hydraulic male x male extended bulkhead with locknut 3/8" BSP	£10.79	€ 12.20
BUR12203	Hydraulic male x male extended bulkhead with locknut 1/2" BSP	£11.10	€ 12.54
BUR12205	Hydraulic male x male extended bulkhead with locknut 5/8" BSP	£14.14	€ 15.98
BUR12204	Hydraulic male x male extended bulkhead with locknut 3/4" BSP	£14.95	€ 16.90
BUR12206	Hydraulic male x male extended bulkhead with locknut 1" BSP	£28.90	€ 32.65
BUR12211	Hydraulic male x male extended bulkhead with locknut 3/8" BSP x 1/2" BSP	£11.15	€ 12.60
BUR12210	Hydraulic male x male extended bulkhead with locknut 1/2" BSP x 3/8" BSP	£11.15	€ 12.60
BUR12215	Hydraulic male x male extended bulkhead with locknut 3/4" BSP x 1/2" BSP	£14.95	€ 16.90

## BSP MALE X BSPT MALE

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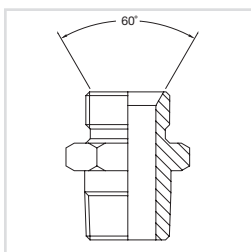


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR00301	Hydraulic adaptor male x taper male 1/8" BSP x 1/8" BSPT	£1.40	€ 1.58
BUR00302	Hydraulic adaptor male x taper male 1/8" BSP x 1/4" BSPT	£1.59	€ 1.79
BUR00303	Hydraulic adaptor male x taper male 1/8" BSP x 3/8" BSPT	£2.02	€ 2.28
BUR00304	Hydraulic adaptor male x taper male 1/8" BSP x 1/2" BSPT	£5.01	€ 5.66
BUR00305	Hydraulic adaptor male x taper male 1/4" BSP x 1/8" BSPT	£1.59	€ 1.79
BUR00306	Hydraulic adaptor male x taper male 1/4" BSP x 1/4" BSPT	£1.40	€ 1.58
BUR00307	Hydraulic adaptor male x taper male 1/4" BSP x 3/8" BSPT	£1.77	€ 2.01
BUR00308	Hydraulic adaptor male x taper male 1/4" BSP x 1/2" BSPT	£2.46	€ 2.78
BUR00310	Hydraulic adaptor male x taper male 1/4" BSP x 3/4" BSPT	£4.20	€ 4.75
BUR00311	Hydraulic adaptor male x taper male 3/8" BSP x 1/8" BSPT	£2.46	€ 2.78
BUR00312	Hydraulic adaptor male x taper male 3/8" BSP x 1/4" BSPT	£1.96	€ 2.22
BUR00313	Hydraulic adaptor male x taper male 3/8" BSP x 3/8" BSPT	£1.77	€ 2.01
BUR00314	Hydraulic adaptor male x taper male 3/8" BSP x 1/2" BSPT	£2.46	€ 2.78
BUR00315	Hydraulic adaptor male x taper male 3/8" BSP x 5/8" BSPT	£3.43	€ 3.88
BUR00316	Hydraulic adaptor male x taper male 3/8" BSP x 3/4" BSPT	£4.10	€ 4.63
BUR00317	Hydraulic adaptor male x taper male 3/8" BSP x 1" BSPT	£7.22	€ 8.16
BUR00318	Hydraulic adaptor male x taper male 1/2" BSP x 1/8" BSPT	£3.20	€ 3.62
BUR00319	Hydraulic adaptor male x taper male 1/2" BSP x 1/4" BSPT	£2.46	€ 2.78
BUR00320	Hydraulic adaptor male x taper male 1/2" BSP x 3/8" BSPT	£2.22	€ 2.50
BUR00321	Hydraulic adaptor male x taper male 1/2" BSP x 1/2" BSPT	£1.96	€ 2.22
BUR00322	Hydraulic adaptor male x taper male 1/2" BSP x 5/8" BSPT	£2.79	€ 3.16
BUR00323	Hydraulic adaptor male x taper male 1/2" BSP x 3/4" BSPT	£3.34	€ 3.77
BUR00324	Hydraulic adaptor male x taper male 1/2" BSP x 1" BSPT	£5.70	€ 6.44
BUR00360	Hydraulic adaptor male x taper male 1/2" BSP x 1-1/4" BSPT	£13.07	€ 14.77
BUR00325	Hydraulic adaptor male x taper male 5/8" BSP x 1/4" BSPT	£3.43	€ 3.88
BUR00326	Hydraulic adaptor male x taper male 5/8" BSP x 3/8" BSPT	£3.73	€ 4.21
BUR00327	Hydraulic adaptor male x taper male 5/8" BSP x 1/2" BSPT	£2.67	€ 3.01
BUR00328	Hydraulic adaptor male x taper male 5/8" BSP x 5/8" BSPT	£2.67	€ 3.01
BUR00329	Hydraulic adaptor male x taper male 5/8" BSP x 3/4" BSPT	£4.20	€ 4.75
BUR00330	Hydraulic adaptor male x taper male 3/4" BSP x 1/4" BSPT	£4.84	€ 5.47
BUR00331	Hydraulic adaptor male x taper male 3/4" BSP x 3/8" BSPT	£4.46	€ 5.04
BUR00332	Hydraulic adaptor male x taper male 3/4" BSP x 1/2" BSPT	£3.29	€ 3.71
BUR00333	Hydraulic adaptor male x taper male 3/4" BSP x 5/8" BSPT	£4.10	€ 4.63
BUR00334	Hydraulic adaptor male x taper male 3/4" BSP x 3/4" BSPT	£3.09	€ 3.49
BUR00335	Hydraulic adaptor male x taper male 3/4" BSP x 1" BSPT	£5.70	€ 6.44
BUR00336	Hydraulic adaptor male x taper male 3/4" BSP x 1-1/4" BSPT	£13.07	€ 14.77
BUR00365	Hydraulic adaptor male x taper male 3/4" BSP x 1-1/2" BSPT	£20.64	€ 23.33
BUR00367	Hydraulic adaptor male x taper male 3/4" BSP x 2" BSPT	£108.49	€ 122.59
BUR00337	Hydraulic adaptor male x taper male 1" BSP x 1/4" BSPT	£20.64	€ 23.33
BUR00361	Hydraulic adaptor male x taper male 1" BSP x 3/8" BSPT	£7.22	€ 8.16
BUR00338	Hydraulic adaptor male x taper male 1" BSP x 1/2" BSPT	£5.70	€ 6.44
BUR00339	Hydraulic adaptor male x taper male 1" BSP x 3/4" BSPT	£5.70	€ 6.44
BUR00340	Hydraulic adaptor male x taper male 1" BSP x 1" BSPT	£5.70	€ 6.44
BUR00341	Hydraulic adaptor male x taper male 1" BSP x 1-1/4" BSPT	£12.48	€ 14.11
BUR00342	Hydraulic adaptor male x taper male 1" BSP x 1-1/2" BSPT	£14.99	€ 16.94
BUR00343	Hydraulic adaptor male x taper male 1" BSP x 2" BSPT	£27.09	€ 30.61
BUR00344	Hydraulic adaptor male x taper male 1-1/4" BSP x 3/4" BSPT	£13.36	€ 15.09
BUR00345	Hydraulic adaptor male x taper male 1-1/4" BSP x 1" BSPT	£13.36	€ 15.09
BUR00346	Hydraulic adaptor male x taper male 1-1/4" BSP x 1-1/4" BSPT	£12.10	€ 13.67
BUR00347	Hydraulic adaptor male x taper male 1-1/4" BSP x 1-1/2" BSPT	£15.59	€ 17.62
BUR00348	Hydraulic adaptor male x taper male 1-1/4" BSP x 2" BSPT	£25.60	€ 28.93

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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR00349	Hydraulic adaptor male x taper male 1-1/2" BSP x 1" BSPT	£18.06	€ 20.41
BUR00350	Hydraulic adaptor male x taper male 1-1/2" BSP x 1-1/4" BSPT	£15.59	€ 17.62
BUR00351	Hydraulic adaptor male x taper male 1-1/2" BSP x 1-1/2" BSPT	£14.99	€ 16.94
BUR00352	Hydraulic adaptor male x taper male 1-1/2" BSP x 2" BSPT	£25.39	€ 28.69
BUR00353	Hydraulic adaptor male x taper male 2" BSP x 1" BSPT	£25.95	€ 29.32
BUR00354	Hydraulic adaptor male x taper male 2" BSP x 1-1/4" BSPT	£25.95	€ 29.32
BUR00355	Hydraulic adaptor male x taper male 2" BSP x 1-1/2" BSPT	£25.39	€ 28.69
BUR00356	Hydraulic adaptor male x taper male 2" BSP x 2" BSPT	£25.39	€ 28.69
BUR00363	Hydraulic adaptor male x taper male 2" BSP x 2-1/2" BSPT	£145.60	€ 164.53
BUR00362	Hydraulic adaptor male x taper male 2" BSP x 3" BSPT	£151.29	€ 170.96
BUR00359	Hydraulic adaptor male x taper male 2-1/2" BSP x 2" BSPT	£146.29	€ 165.30
BUR00357	Hydraulic adaptor male x taper male 2-1/2" BSP x 2-1/2" BSPT	£134.20	€ 151.65
BUR00364	Hydraulic adaptor male x taper male 2-1/2" BSP x 3" BSPT	£151.29	€ 170.96
BUR00358	Hydraulic adaptor male x taper male 3" BSP x 3" BSPT	£151.29	€ 170.96
BUR00366	Hydraulic adaptor male x taper male 4" BSP x 4" BSPT	£175.27	€ 198.05

## BSP MALE X JIC MALE



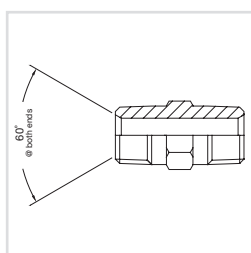
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01164	Hydraulic adaptor male BSP x JIC male, 1/8" BSP x 3/8" JIC	£2.46	€ 2.78
BUR01101	Hydraulic adaptor male BSP x JIC male, 1/8" BSP x 7/16" JIC	£1.96	€ 2.22
BUR01102	Hydraulic adaptor male BSP x JIC male, 1/8" BSP x 1/2" JIC	£1.86	€ 2.10
BUR01100	Hydraulic adaptor male BSP x JIC male, 1/8" BSP x 9/16" JIC	£2.30	€ 2.60
BUR01160	Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 5/16" JIC	£4.10	€ 4.63
BUR01163	Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 3/8" JIC	£10.15	€ 11.47
BUR01103	Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 7/16" JIC	£1.40	€ 1.58
BUR01104	Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 1/2" JIC	£1.71	€ 1.93
BUR01105	Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 9/16" JIC	£1.59	€ 1.79
BUR01106	Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 3/4" JIC	£2.34	€ 2.65
BUR01107	Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 7/8" JIC	£3.69	€ 4.16
BUR01155	Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 1-1/16" JIC	£6.97	€ 7.88
BUR01168	Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 1-3/16" JIC	£6.97	€ 7.88
BUR01108	Hydraulic adaptor male BSP x JIC male, 1/4" BSP x 1-5/16" JIC	£6.97	€ 7.88
BUR01109	Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 7/16" JIC	£1.71	€ 1.93
BUR01110	Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 1/2" JIC	£1.71	€ 1.93
BUR01111	Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 9/16" JIC	£1.59	€ 1.79
BUR01112	Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 3/4" JIC	£1.96	€ 2.22
BUR01113	Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 7/8" JIC	£2.34	€ 2.65
BUR01114	Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 1-1/16" JIC	£3.69	€ 4.16
BUR01115	Hydraulic adaptor male BSP x JIC male, 3/8" BSP x 1-5/16" JIC	£5.80	€ 6.55
BUR01116	Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 7/16" JIC	£2.46	€ 2.78
BUR01117	Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 1/2" JIC	£2.46	€ 2.78
BUR01118	Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 9/16" JIC	£2.02	€ 2.28
BUR01119	Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 3/4" JIC	£1.96	€ 2.22
BUR01120	Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 7/8" JIC	£16.66	€ 18.83
BUR01121	Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 1-1/16" JIC	£3.03	€ 3.43
BUR01122	Hydraulic adaptor male BSP x JIC male, 1/2" BSP x 1-5/16" JIC	£5.80	€ 6.55
BUR01123	Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 9/16" JIC	£3.69	€ 4.16
BUR01124	Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 3/4" JIC	£3.69	€ 4.16
BUR01125	Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 7/8" JIC	£3.69	€ 4.16
BUR01126	Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 1-1/16" JIC	£4.69	€ 5.30

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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01127	Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 1-3/16" JIC	£5.22	€ 5.90
BUR01128	Hydraulic adaptor male BSP x JIC male, 5/8" BSP x 1-5/16" JIC	£3.90	€ 4.40
BUR01129	Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 7/16" JIC	£3.90	€ 4.40
BUR01130	Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1/2" JIC	£3.90	€ 4.40
BUR01150	Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 9/16" JIC	£3.90	€ 4.40
BUR01131	Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 3/4" JIC	£3.29	€ 3.71
BUR01132	Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 7/8" JIC	£3.29	€ 3.71
BUR01133	Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1-1/16" JIC	£3.09	€ 3.49
BUR01134	Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1-3/16" JIC	£4.69	€ 5.30
BUR01135	Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1-5/16" JIC	£5.22	€ 5.90
BUR01148	Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1-5/8" JIC	£14.27	€ 16.12
BUR01158	Hydraulic adaptor male BSP x JIC male, 3/4" BSP x 1-7/8" JIC	£19.83	€ 22.41
BUR01169	Hydraulic adaptor male BSP x JIC male, 1" BSP x 9/16" JIC	£8.79	€ 9.93
BUR01136	Hydraulic adaptor male BSP x JIC male, 1" BSP x 3/4" JIC	£6.01	€ 6.79
BUR01137	Hydraulic adaptor male BSP x JIC male, 1" BSP x 7/8" JIC	£6.01	€ 6.79
BUR01138	Hydraulic adaptor male BSP x JIC male, 1" BSP x 1-1/16" JIC	£5.22	€ 5.90
BUR01139	Hydraulic adaptor male BSP x JIC male, 1" BSP x 1-3/16" JIC	£5.22	€ 5.90
BUR01140	Hydraulic adaptor male BSP x JIC male, 1" BSP x 1-5/16" JIC	£5.22	€ 5.90
BUR01141	Hydraulic adaptor male BSP x JIC male, 1" BSP x 1-5/8" JIC	£13.49	€ 15.25
BUR01156	Hydraulic adaptor male BSP x JIC male, 1" BSP x 1-7/8" JIC	£19.83	€ 22.41
BUR01151	Hydraulic adaptor male BSP x JIC male, 1" BSP x 2-1/2" JIC	£39.29	€ 44.40
BUR01142	Hydraulic adaptor male BSP x JIC male, 1-1/4" BSP x 1-1/16" JIC	£13.49	€ 15.25
BUR01143	Hydraulic adaptor male BSP x JIC male, 1-1/4" BSP x 1-5/16" JIC	£13.49	€ 15.25
BUR01144	Hydraulic adaptor male BSP x JIC male, 1-1/4" BSP x 1-5/8" JIC	£13.49	€ 15.25
BUR01145	Hydraulic adaptor male BSP x JIC male, 1-1/4" BSP x 1-7/8" JIC	£19.83	€ 22.41
BUR01152	Hydraulic adaptor male BSP x JIC male, 1-1/4" BSP x 2-1/2" JIC	£39.49	€ 44.62
BUR01159	Hydraulic adaptor male BSP x JIC male, 1-1/2" BSP x 1-1/16" JIC	£19.83	€ 22.41
BUR01149	Hydraulic adaptor male BSP x JIC male, 1-1/2" BSP x 1-5/16" JIC	£19.83	€ 22.41
BUR01154	Hydraulic adaptor male BSP x JIC male, 1-1/2" BSP x 1-5/8" JIC	£19.83	€ 22.41
BUR01146	Hydraulic adaptor male BSP x JIC male, 1-1/2" BSP x 1-7/8" JIC	£19.83	€ 22.41
BUR01153	Hydraulic adaptor male BSP x JIC male, 1-1/2" BSP x 2-1/2" JIC	£39.49	€ 44.62
BUR01175	Hydraulic adaptor male BSP x JIC male, 2" BSP x 1-5/8" JIC	£27.14	€ 30.67
BUR01157	Hydraulic adaptor male BSP x JIC male, 2" BSP x 1-7/8" JIC	£29.93	€ 33.82
BUR01147	Hydraulic adaptor male BSP x JIC male, 2" BSP x 2-1/2" JIC	£29.93	€ 33.82

## NPTF MALE X NPTF MALE



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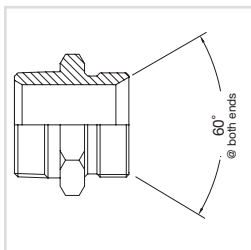
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR00675	Hydraulic adaptor NPTF male x NPTF male, 1/8" NPTF x 1/8" NPTF	£2.34	€ 2.65
BUR00676	Hydraulic adaptor NPTF male x NPTF male, 1/8" NPTF x 1/4" NPTF	£2.34	€ 2.65
BUR00700	Hydraulic adaptor NPTF male x NPTF male, 1/8" NPTF x 3/8" NPTF	£2.84	€ 3.20
BUR00704	Hydraulic adaptor NPTF male x NPTF male, 1/8" NPTF x 1/2" NPTF	£3.43	€ 3.88
BUR00677	Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 1/4" NPTF	£2.34	€ 2.65
BUR00678	Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 3/8" NPTF	£2.61	€ 2.95
BUR00681	Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 1/2" NPTF	£2.84	€ 3.20
BUR00684	Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 3/4" NPTF	£6.92	€ 7.82
BUR00699	Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 1" NPTF	£9.83	€ 11.11

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	£2.61	€ 2.95
BUR00680	Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 1/2" NPTF	£2.84	€ 3.20
BUR00685	Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 3/4" NPTF	£6.92	€ 7.82
BUR00708	Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 1" NPTF	£33.93	€ 38.34
BUR00682	Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1/2" NPTF	£2.84	€ 3.20
BUR00686	Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 3/4" NPTF	£5.01	€ 5.66
BUR00690	Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1" NPTF	£3.20	€ 3.62
BUR00705	Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1-1/4" NPTF	£18.06	€ 20.41
BUR00702	Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1-1/2" NPTF	£22.22	€ 25.11
BUR00688	Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 3/4" NPTF	£15.94	€ 18.01
BUR00691	Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1" NPTF	£5.73	€ 6.48
BUR00689	Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1-1/4" NPTF	£6.07	€ 6.86
BUR00695	Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1-1/2" NPTF	£18.06	€ 20.41
BUR00692	Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 1" NPTF	£5.73	€ 6.48
BUR00693	Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 1-1/4" NPTF	£13.82	€ 15.61
BUR00701	Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 1-1/2" NPTF	£18.28	€ 20.66
BUR00694	Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 1-1/4" NPTF	£13.82	€ 15.61
BUR00696	Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 1-1/2" NPTF	£18.55	€ 20.97
BUR00706	Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 2" NPTF	£25.74	€ 29.08
BUR00697	Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 1-1/2" NPTF	£18.28	€ 20.66
BUR00703	Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 2" NPTF	£25.74	€ 29.08
BUR00698	Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 2" NPTF	£25.69	€ 29.03
BUR00717	Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 2-1/2" NPTF	£165.90	€ 187.47
BUR00711	Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 3" NPTF	£159.57	€ 180.31
BUR00707	Hydraulic adaptor NPTF male x NPTF male, 2-1/2" NPTF x 2-1/2" NPTF	£144.26	€ 163.01
BUR00713	Hydraulic adaptor NPTF male x NPTF male, 2-1/2" NPTF x 3" NPTF	£160.60	€ 181.48
BUR00709	Hydraulic adaptor NPTF male x NPTF male, 3" NPTF x 3" NPTF	£145.48	€ 164.39
BUR00710	Hydraulic adaptor NPTF male x NPTF male, 4" NPTF x 4" NPTF	£175.27	€ 198.05

## NPTF MALE X BSP MALE



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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR00600	Hydraulic adaptor NPTF male x BSP male, 1/8" NPTF x 1/8" BSP	£1.44	€ 1.63
BUR00601	Hydraulic adaptor NPTF male x BSP male, 1/8" NPTF x 1/4" BSP	£1.77	€ 2.01
BUR00602	Hydraulic adaptor NPTF male x BSP male, 1/8" NPTF x 3/8" BSP	£2.22	€ 2.50
BUR00603	Hydraulic adaptor NPTF male x BSP male, 1/8" NPTF x 1/2" BSP	£3.29	€ 3.71
BUR00604	Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 1/8" BSP	£2.61	€ 2.95
BUR00605	Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 1/4" BSP	£1.55	€ 1.76
BUR00606	Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 3/8" BSP	£2.02	€ 2.28
BUR00607	Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 1/2" BSP	£2.46	€ 2.78
BUR00608	Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 3/4" BSP	£4.44	€ 5.02
BUR00650	Hydraulic adaptor NPTF male x BSP male, 1/4" NPTF x 1" BSP	£7.43	€ 8.40
BUR00609	Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 1/8" BSP	£2.61	€ 2.95
BUR00610	Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 1/4" BSP	£1.96	€ 2.22
BUR00611	Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 3/8" BSP	£1.71	€ 1.93
BUR00612	Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 1/2" BSP	£2.46	€ 2.78
BUR00613	Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 5/8" BSP	£3.97	€ 4.48
BUR00614	Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 3/4" BSP	£4.10	€ 4.63
BUR00660	Hydraulic adaptor NPTF male x BSP male, 3/8" NPTF x 1" BSP	£7.51	€ 8.48

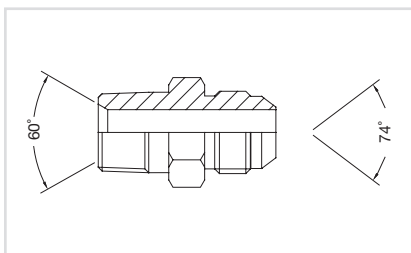
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR00656	Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 1/8" BSP	£2.46	€ 2.78
BUR00615	Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 1/4" BSP	£2.46	€ 2.78
BUR00616	Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 3/8" BSP	£2.46	€ 2.78
BUR00617	Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 1/2" BSP	£1.86	€ 2.10
BUR00618	Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 5/8" BSP	£3.97	€ 4.48
BUR00619	Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 3/4" BSP	£3.97	€ 4.48
BUR00620	Hydraulic adaptor NPTF male x BSP male, 1/2" NPTF x 1" BSP	£5.92	€ 6.69
BUR00621	Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 1/4" BSP	£4.57	€ 5.16
BUR00622	Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 3/8" BSP	£4.05	€ 4.58
BUR00623	Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 1/2" BSP	£3.69	€ 4.16
BUR00624	Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 5/8" BSP	£5.01	€ 5.66
BUR00625	Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 3/4" BSP	£3.09	€ 3.49
BUR00626	Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 1" BSP	£5.92	€ 6.69
BUR00627	Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 1-1/4" BSP	£11.81	€ 13.35
BUR00647	Hydraulic adaptor NPTF male x BSP male, 3/4" NPTF x 1-1/2" BSP	£27.09	€ 30.61
BUR00628	Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 1/4" BSP	£9.83	€ 11.11
BUR00649	Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 3/8" BSP	£7.83	€ 8.85
BUR00629	Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 1/2" BSP	£5.92	€ 6.69
BUR00630	Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 3/4" BSP	£5.92	€ 6.69
BUR00631	Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 1" BSP	£5.80	€ 6.55
BUR00632	Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 1-1/4" BSP	£12.87	€ 14.55
BUR00633	Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 1-1/2" BSP	£14.73	€ 16.65
BUR00634	Hydraulic adaptor NPTF male x BSP male, 1" NPTF x 2" BSP	£27.09	€ 30.61
BUR00635	Hydraulic adaptor NPTF male x BSP male, 1-1/4" NPTF x 3/4" BSP	£11.81	€ 13.35
BUR00636	Hydraulic adaptor NPTF male x BSP male, 1-1/4" NPTF x 1" BSP	£12.72	€ 14.37
BUR00637	Hydraulic adaptor NPTF male x BSP male, 1-1/4" NPTF x 1-1/4" BSP	£11.38	€ 12.86
BUR00638	Hydraulic adaptor NPTF male x BSP male, 1-1/4" NPTF x 1-1/2" BSP	£14.41	€ 16.28
BUR00639	Hydraulic adaptor NPTF male x BSP male, 1-1/4" NPTF x 2" BSP	£27.09	€ 30.61
BUR00674	Hydraulic adaptor NPTF male x BSP male, 1-1/2" NPTF x 3/4" BSP	£48.49	€ 54.79
BUR00640	Hydraulic adaptor NPTF male x BSP male, 1-1/2" NPTF x 1" BSP	£14.41	€ 16.28
BUR00648	Hydraulic adaptor NPTF male x BSP male, 1-1/2" NPTF x 1-1/4" BSP	£14.41	€ 16.28
BUR00641	Hydraulic adaptor NPTF male x BSP male, 1-1/2" NPTF x 1-1/2" BSP	£15.37	€ 17.37
BUR00642	Hydraulic adaptor NPTF male x BSP male, 1-1/2" NPTF x 2" BSP	£27.09	€ 30.61
BUR00673	Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 3/4" BSP	£48.49	€ 54.79
BUR00643	Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 1" BSP	£27.09	€ 30.61
BUR00653	Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 1-1/4" BSP	£27.09	€ 30.61
BUR00644	Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 1-1/2" BSP	£27.09	€ 30.61
BUR00645	Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 2" BSP	£23.76	€ 26.85
BUR00646	Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 2-1/2" BSP	£123.54	€ 139.60
BUR00670	Hydraulic adaptor NPTF male x BSP male, 2" NPTF x 3" BSP	£145.66	€ 164.59
BUR00657	Hydraulic adaptor NPTF male x BSP male, 2-1/2" NPTF x 2" BSP	£134.21	€ 151.66
BUR00654	Hydraulic adaptor NPTF male x BSP male, 2-1/2" NPTF x 2-1/2" BSP	£134.21	€ 151.66
BUR00671	Hydraulic adaptor NPTF male x BSP male, 2-1/2" NPTF x 3" BSP	£145.66	€ 164.59
BUR00658	Hydraulic adaptor NPTF male x BSP male, 3" NPTF x 2" BSP	£145.66	€ 164.59
BUR00659	Hydraulic adaptor NPTF male x BSP male, 3" NPTF x 2-1/2" BSP	£145.66	€ 164.59
BUR00655	Hydraulic adaptor NPTF male x BSP male, 3" NPTF x 3" BSP	£145.66	€ 164.59
BUR00672	Hydraulic adaptor NPTF male x BSP male, 4" NPTF x 4" BSP	£175.27	€ 198.05

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

# NPTF MALE X JIC MALE

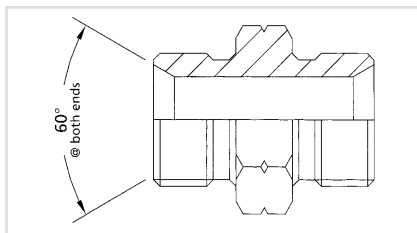
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**HA01**



PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR00772	Hydraulic adaptor NPTF male x JIC male, 1/8" NPTF x 3/8" JIC	£3.47	€ 3.92
BUR00720	Hydraulic adaptor NPTF male x JIC male, 1/8" NPTF x 7/16" JIC	£1.44	€ 1.63
BUR00721	Hydraulic adaptor NPTF male x JIC male, 1/8" NPTF x 1/2" JIC	£1.44	€ 1.63
BUR00722	Hydraulic adaptor NPTF male x JIC male, 1/8" NPTF x 9/16" JIC	£2.46	€ 2.78
BUR00723	Hydraulic adaptor NPTF male x JIC male, 1/8" NPTF x 3/4" JIC	£2.84	€ 3.20
BUR00724	Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 7/16" JIC	£1.55	€ 1.76
BUR00725	Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 1/2" JIC	£1.55	€ 1.76
BUR00726	Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 9/16" JIC	£1.55	€ 1.76
BUR00727	Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 3/4" JIC	£2.30	€ 2.60
BUR00728	Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 7/8" JIC	£3.14	€ 3.55
BUR00743	Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 1-1/16" JIC	£11.07	€ 12.51
BUR00744	Hydraulic adaptor NPTF male x JIC male, 1/4" NPTF x 1-5/16" JIC	£12.16	€ 13.74
BUR00729	Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 7/16" JIC	£2.02	€ 2.28
BUR00730	Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 1/2" JIC	£2.02	€ 2.28
BUR00731	Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 9/16" JIC	£1.71	€ 1.93
BUR00732	Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 3/4" JIC	£2.02	€ 2.28
BUR00733	Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 7/8" JIC	£2.46	€ 2.78
BUR00734	Hydraulic adaptor NPTF male x JIC male, 3/8" NPTF x 1-1/16" JIC	£4.31	€ 4.86
BUR00735	Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 7/16" JIC	£3.20	€ 3.62
BUR00736	Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 1/2" JIC	£3.20	€ 3.62
BUR00737	Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 9/16" JIC	£2.46	€ 2.78
BUR00738	Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 3/4" JIC	£2.38	€ 2.69
BUR00739	Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 7/8" JIC	£2.38	€ 2.69
BUR00740	Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 1-1/16" JIC	£3.90	€ 4.40
BUR00741	Hydraulic adaptor NPTF male x JIC male, 1/2" NPTF x 1-5/16" JIC	£5.70	€ 6.44
BUR00745	Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 7/16" JIC	£5.15	€ 5.81
BUR00746	Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 9/16" JIC	£4.73	€ 5.34
BUR00747	Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 3/4" JIC	£4.31	€ 4.86
BUR00748	Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 7/8" JIC	£4.31	€ 4.86
BUR00749	Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 1-1/16" JIC	£3.61	€ 4.08
BUR00750	Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 1-5/16" JIC	£5.41	€ 6.11
BUR00771	Hydraulic adaptor NPTF male x JIC male, 3/4" NPTF x 1-5/8" JIC	£14.56	€ 16.46
BUR00767	Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 3/4" JIC	£6.56	€ 7.42
BUR00768	Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 7/8" JIC	£6.56	€ 7.42
BUR00751	Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 1-1/16" JIC	£5.73	€ 6.48
BUR00752	Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 1-5/16" JIC	£5.41	€ 6.11
BUR00753	Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 1-5/8" JIC	£14.56	€ 16.46
BUR00754	Hydraulic adaptor NPTF male x JIC male, 1" NPTF x 1-7/8" JIC	£24.13	€ 27.27
BUR00756	Hydraulic adaptor NPTF male x JIC male, 1-1/4" NPTF x 1-1/16" JIC	£14.52	€ 16.41
BUR00757	Hydraulic adaptor NPTF male x JIC male, 1-1/4" NPTF x 1-5/16" JIC	£14.52	€ 16.41
BUR00758	Hydraulic adaptor NPTF male x JIC male, 1-1/4" NPTF x 1-5/8" JIC	£12.72	€ 14.37
BUR00759	Hydraulic adaptor NPTF male x JIC male, 1-1/4" NPTF x 1-7/8" JIC	£24.13	€ 27.27
BUR00760	Hydraulic adaptor NPTF male x JIC male, 1-1/4" NPTF x 2-1/2" JIC	£42.12	€ 47.59
BUR00761	Hydraulic adaptor NPTF male x JIC male, 1-1/2" NPTF x 1-1/16" JIC	£24.13	€ 27.27
BUR00762	Hydraulic adaptor NPTF male x JIC male, 1-1/2" NPTF x 1-5/16" JIC	£24.13	€ 27.27
BUR00763	Hydraulic adaptor NPTF male x JIC male, 1-1/2" NPTF x 1-5/8" JIC	£17.25	€ 19.49
BUR00764	Hydraulic adaptor NPTF male x JIC male, 1-1/2" NPTF x 1-7/8" JIC	£17.25	€ 19.49
BUR00765	Hydraulic adaptor NPTF male x JIC male, 1-1/2" NPTF x 2-1/2" JIC	£42.12	€ 47.59
BUR00770	Hydraulic adaptor NPTF male x JIC male, 2" NPTF x 1-5/8" JIC	£37.94	€ 42.87
BUR00769	Hydraulic adaptor NPTF male x JIC male, 2" NPTF x 1-7/8" JIC	£33.56	€ 37.92
BUR00766	Hydraulic adaptor NPTF male x JIC male, 2" NPTF x 2-1/2" JIC	£33.56	€ 37.92

# METRIC MALE 1.5MM PITCH X BSP MALE

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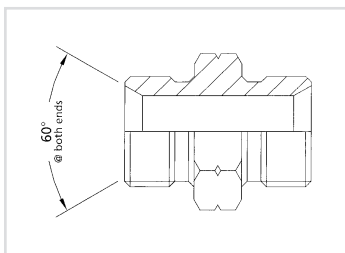


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR00500	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 10mm x 1/4 BSP	£2.34	€ 2.65
BUR00501	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 12mm x 1/8 BSP	£2.34	€ 2.65
BUR00502	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 12mm x 1/4 BSP	£2.34	€ 2.65
BUR00503	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 12mm x 3/8 BSP	£2.46	€ 2.78
BUR00504	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 12mm x 1/2 BSP	£2.79	€ 3.16
BUR00505	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 14mm x 1/8 BSP	£2.34	€ 2.65
BUR00506	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 14mm x 1/4 BSP	£2.34	€ 2.65
BUR00507	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 14mm x 3/8 BSP	£2.46	€ 2.78
BUR00508	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 14mm x 1/2 BSP	£2.79	€ 3.16
BUR00549	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 14mm x 5/8 BSP	£3.09	€ 3.49
BUR00509	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 16mm x 1/4 BSP	£2.38	€ 2.69
BUR00510	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 16mm x 3/8 BSP	£2.38	€ 2.69
BUR00511	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 16mm x 1/2 BSP	£2.71	€ 3.06
BUR00512	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 16mm x 5/8 BSP	£3.26	€ 3.68
BUR00513	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 16mm x 3/4 BSP	£3.34	€ 3.77
BUR00514	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 1/4 BSP	£2.71	€ 3.06
BUR00515	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 3/8 BSP	£2.71	€ 3.06
BUR00516	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 1/2 BSP	£2.79	€ 3.16
BUR00517	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 5/8 BSP	£3.09	€ 3.49
BUR00518	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 3/4 BSP	£3.34	€ 3.77
BUR00519	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 18mm x 1 BSP	£6.77	€ 7.65
BUR00520	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 20mm x 1/4 BSP	£3.03	€ 3.43
BUR00521	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 20mm x 3/8 BSP	£3.03	€ 3.43
BUR00522	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 20mm x 1/2 BSP	£3.03	€ 3.43
BUR00523	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 20mm x 3/4 BSP	£3.34	€ 3.77
BUR00524	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 1/4 BSP	£3.09	€ 3.49
BUR00525	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 3/8 BSP	£3.09	€ 3.49
BUR00526	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 1/2 BSP	£3.09	€ 3.49
BUR00527	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 5/8 BSP	£3.09	€ 3.49
BUR00528	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 3/4 BSP	£3.34	€ 3.77
BUR00529	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 22mm x 1 BSP	£6.77	€ 7.65
BUR00551	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 24mm x 1/4 BSP	£3.94	€ 4.45
BUR00550	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 24mm x 3/8 BSP	£3.94	€ 4.45
BUR00530	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 24mm x 1/2 BSP	£3.34	€ 3.77
BUR00531	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 24mm x 3/4 BSP	£3.94	€ 4.45
BUR00554	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 3/8 BSP	£5.22	€ 5.90
BUR00532	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 1/2 BSP	£3.34	€ 3.77
BUR00544	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 5/8 BSP	£3.94	€ 4.45
BUR00533	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 3/4 BSP	£3.34	€ 3.77
BUR00534	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 1 BSP	£6.77	€ 7.65
BUR00538	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 26mm x 1-1/4 BSP	£22.58	€ 25.51
BUR00545	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 28mm x 1 BSP	£20.08	€ 22.69
BUR00535	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 30mm x 3/4 BSP	£6.77	€ 7.65
BUR00536	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 30mm x 1 BSP	£6.77	€ 7.65
BUR00537	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 30mm x 1-1/4 BSP	£14.14	€ 15.98
BUR00547	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 36mm x 1 BSP	£11.27	€ 12.73

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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR00548	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 38mm x 1 BSP	£13.58	€ 15.34
BUR00539	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 38mm x 1-1/4 BSP	£13.58	€ 15.34
BUR00540	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 38mm x 1-1/2 BSP	£17.70	€ 20.00
BUR00541	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 45mm x 1-1/2 BSP	£17.70	€ 20.00
BUR00542	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 45mm x 2 BSP	£21.30	€ 24.07
BUR00543	Hydraulic adaptor METRIC male 1.5mm pitch male x BSP male, 52mm x 2 BSP	£21.30	€ 24.07

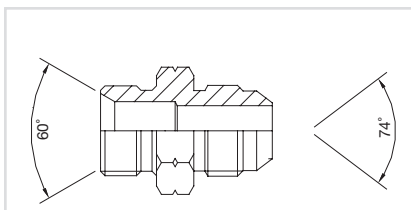
## METRIC MALE 1MM PITCH X BSP MALE



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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR10544	Hydraulic adaptor METRIC male 1mm pitch x BSP male, 10 mm x 1/8" BSP	£2.34	€ 2.65
BUR10545	Hydraulic adaptor METRIC male 1mm pitch x BSP male, 10 mm x 1/4" BSP	£2.34	€ 2.65
BUR10548	Hydraulic adaptor METRIC male 1mm pitch x BSP male, 10 mm x 3/8" BSP	£2.67	€ 3.01
BUR10543	Hydraulic adaptor METRIC male 1mm pitch x BSP male, 12 mm x 1/8" BSP	£2.34	€ 2.65
BUR10546	Hydraulic adaptor METRIC male 1mm pitch x BSP male, 12 mm x 1/4" BSP	£2.34	€ 2.65
BUR10541	Hydraulic adaptor METRIC male 1mm pitch x BSP male, 14 mm x 1/4" BSP	£2.34	€ 2.65

## METRIC MALE 1.5MM PITCH X JIC MALE



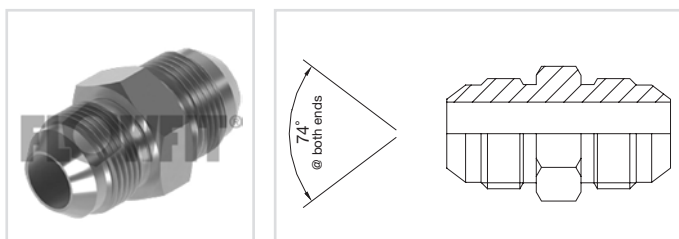
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TECH. DATA SHEET  
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01265	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 10mm x 7/16" JIC	£14.47	€ 16.35
BUR01274	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 12mm x 7/16" JIC	£3.69	€ 4.16
BUR01284	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 12mm x 9/16" JIC	£3.69	€ 4.16
BUR01286	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 12mm x 3/4" JIC	£42.55	€ 48.08
BUR01268	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 14mm x 3/8" JIC	£10.15	€ 11.47
BUR01291	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 14mm x 7/16" JIC	£3.69	€ 4.16
BUR01287	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 14mm x 9/16" JIC	£3.69	€ 4.16
BUR01288	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 14mm x 3/4" JIC	£3.97	€ 4.48
BUR01272	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 14mm x 7/8" JIC	£13.82	€ 15.61
BUR01295	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 16mm x 7/16" JIC	£3.20	€ 3.62
BUR01280	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 16mm x 9/16" JIC	£3.20	€ 3.62
BUR01275	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 16mm x 3/4" JIC	£3.34	€ 3.77
BUR01289	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 16mm x 7/8" JIC	£3.97	€ 4.48
BUR01296	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 16mm x 1-1/16" JIC	£4.31	€ 4.86
BUR01299	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 18mm x 7/16" JIC	£4.20	€ 4.75
BUR01276	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 18mm x 9/16" JIC	£3.69	€ 4.16
BUR01281	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 18mm x 3/4" JIC	£3.69	€ 4.16
BUR01283	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 18mm x 7/8" JIC	£3.97	€ 4.48
BUR01298	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 18mm x 1-1/16" JIC	£4.31	€ 4.86
BUR01282	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 20mm x 9/16" JIC	£3.69	€ 4.16
BUR01277	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 20mm x 3/4" JIC	£3.69	€ 4.16

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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01290	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 20mm x 7/8" JIC	£3.97	€ 4.48
BUR01270	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 20mm x 1-1/16" JIC	£6.07	€ 6.86
BUR01285	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 22mm x 9/16" JIC	£4.10	€ 4.63
BUR01278	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 22mm x 3/4" JIC	£3.97	€ 4.48
BUR01279	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 22mm x 7/8" JIC	£3.97	€ 4.48
BUR01294	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 22mm x 1-1/16" JIC	£4.31	€ 4.86
BUR01293	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 24mm x 3/4" JIC	£4.10	€ 4.63
BUR01267	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 24mm x 1-1/16" JIC	£4.31	€ 4.86
BUR01297	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 26mm x 7/8" JIC	£4.31	€ 4.86
BUR01292	Hydraulic adaptor METRIC male 1.5mm pitch male / JIC male, 26mm x 1-1/16" JIC	£4.31	€ 4.86

## JIC MALE X JIC MALE



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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01200	Hydraulic adaptor JIC male x JIC male, 5/16" JIC x 5/16" JIC	£1.59	€ 1.79
BUR01201	Hydraulic adaptor JIC male x JIC male, 5/16" JIC x 7/16" JIC	£1.59	€ 1.79
BUR01239	Hydraulic adaptor JIC male x JIC male, 3/8" JICx 3/8" JIC	£1.96	€ 2.22
BUR01241	Hydraulic adaptor JIC male x JIC male, 3/8" JIC x 7/16" JIC	£1.96	€ 2.22
BUR01202	Hydraulic adaptor JIC male x JIC male, 7/16" JIC x 7/16" JIC	£1.59	€ 1.79
BUR01205	Hydraulic adaptor JIC male x JIC male, 7/16" JIC x 1/2" JIC	£2.34	€ 2.65
BUR01203	Hydraulic adaptor JIC male x JIC male, 7/16" JIC x 9/16" JIC	£2.34	€ 2.65
BUR01213	Hydraulic adaptor JIC male x JIC male, 7/16" JIC x 3/4" JIC	£3.20	€ 3.62
BUR01204	Hydraulic adaptor JIC male x JIC male, 7/16" JIC x 7/8" JIC	£3.43	€ 3.88
BUR01206	Hydraulic adaptor JIC male x JIC male, 1/2" JIC x 1/2" JIC	£1.77	€ 2.01
BUR01209	Hydraulic adaptor JIC male x JIC male, 1/2" JIC x 9/16" JIC	£2.34	€ 2.65
BUR01207	Hydraulic adaptor JIC male x JIC male, 1/2" JIC x 3/4" JIC	£3.20	€ 3.62
BUR01233	Hydraulic adaptor JIC male x JIC male, 1/2" JIC x 7/8" JIC	£4.20	€ 4.75
BUR01208	Hydraulic adaptor JIC male x JIC male, 1/2" JIC x 1-1/16" JIC	£5.41	€ 6.11
BUR01210	Hydraulic adaptor JIC male x JIC male, 9/16" JIC x 9/16" JIC	£1.77	€ 2.01
BUR01214	Hydraulic adaptor JIC male x JIC male, 9/16" JIC x 3/4" JIC	£2.71	€ 3.06
BUR01211	Hydraulic adaptor JIC male x JIC male, 9/16" JIC x 7/8" JIC	£3.14	€ 3.55
BUR01212	Hydraulic adaptor JIC male x JIC male, 9/16" JIC x 1-1/16" JIC	£4.44	€ 5.02
BUR01237	Hydraulic adaptor JIC male x JIC male, 9/16" JIC x 1-3/16" JIC	£5.37	€ 6.06
BUR01215	Hydraulic adaptor JIC male x JIC male, 3/4" JIC x 3/4" JIC	£2.38	€ 2.69
BUR01216	Hydraulic adaptor JIC male x JIC male, 3/4" JIC x 7/8" JIC	£2.84	€ 3.20
BUR01217	Hydraulic adaptor JIC male x JIC male, 3/4" JIC x 1-1/16" JIC	£3.69	€ 4.16
BUR01236	Hydraulic adaptor JIC male x JIC male, 3/4" JIC x 1-5/16" JIC	£5.80	€ 6.55
BUR01218	Hydraulic adaptor JIC male x JIC male, 7/8" JIC x 7/8" JIC	£2.61	€ 2.95
BUR01219	Hydraulic adaptor JIC male x JIC male, 7/8" JIC x 1-1/16" JIC	£3.90	€ 4.40
BUR01220	Hydraulic adaptor JIC male x JIC male, 7/8" JIC x 1-3/16" JIC	£5.41	€ 6.11
BUR01221	Hydraulic adaptor JIC male x JIC male, 7/8" JIC x 1-5/16" JIC	£5.29	€ 5.98
BUR01222	Hydraulic adaptor JIC male x JIC male, 1-1/16" JIC x 1-1/16" JIC	£3.69	€ 4.16
BUR01223	Hydraulic adaptor JIC male x JIC male, 1-1/16" JIC x 1-3/16" JIC	£5.41	€ 6.11
BUR01224	Hydraulic adaptor JIC male x JIC male, 1-1/16" JIC x 1-5/16" JIC	£5.29	€ 5.98
BUR01240	Hydraulic adaptor JIC male x JIC male, 1-1/16" JIC x 1-5/8" JIC	£13.24	€ 14.96
BUR01238	Hydraulic adaptor JIC male x JIC male, 1-1/16" JIC x 1-7/8" JIC	£15.11	€ 17.07
BUR01225	Hydraulic adaptor JIC male x JIC male, 1-3/16" JIC x 1-3/16" JIC	£5.41	€ 6.11
BUR01226	Hydraulic adaptor JIC male x JIC male, 1-3/16" JIC x 1-5/16" JIC	£5.80	€ 6.55
BUR01227	Hydraulic adaptor JIC male x JIC male, 1-5/16" JIC x 1-5/16" JIC	£5.22	€ 5.90
BUR01228	Hydraulic adaptor JIC male x JIC male, 1-5/16" JICx 1-5/8" JIC	£13.20	€ 14.91

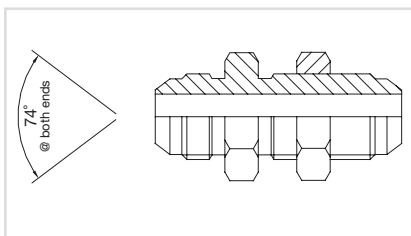
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01235	Hydraulic adaptor JIC male x JIC male, 1-5/16" JIC x 1-7/8" JIC	£13.82	€ 15.61
BUR01229	Hydraulic adaptor JIC male x JIC male, 1-5/8" JIC x 1-5/8" JIC	£11.27	€ 12.73
BUR01230	Hydraulic adaptor JIC male x JIC male, 1-5/8" JIC x 1-7/8" JIC	£13.82	€ 15.61
BUR01231	Hydraulic adaptor JIC male x JIC male, 1-7/8" JIC x 1-7/8" JIC	£13.82	€ 15.61
BUR01232	Hydraulic adaptor JIC male x JIC male, 2-1/2" JIC x 2-1/2" JIC	£28.50	€ 32.20

## JIC MALE X JIC MALE BULKHEAD WITH LOCKNUT

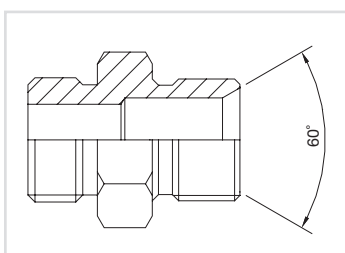
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR00236	Hydraulic extended bulkhead JIC adaptor with locknut, 3/8" JIC	£10.06	€ 11.37
BUR00225	Hydraulic extended bulkhead JIC adaptor with locknut, 7/16" JIC	£8.23	€ 9.30
BUR00226	Hydraulic extended bulkhead JIC adaptor with locknut, 1/2" JIC	£8.23	€ 9.30
BUR00227	Hydraulic extended bulkhead JIC adaptor with locknut, 9/16" JIC	£8.36	€ 9.44
BUR00228	Hydraulic extended bulkhead JIC adaptor with locknut, 3/4" JIC	£10.27	€ 11.60
BUR00229	Hydraulic extended bulkhead JIC adaptor with locknut, 7/8" JIC	£15.41	€ 17.42
BUR00230	Hydraulic extended bulkhead JIC adaptor with locknut, 1-1/16" JIC	£20.95	€ 23.67
BUR00234	Hydraulic extended bulkhead JIC adaptor with locknut, 1-3/16" JIC	£23.57	€ 26.64
BUR00231	Hydraulic extended bulkhead JIC adaptor with locknut, 1-5/16" JIC	£27.38	€ 30.94
BUR00232	Hydraulic extended bulkhead JIC adaptor with locknut, 1-5/8" JIC	£39.78	€ 44.96
BUR00233	Hydraulic extended bulkhead JIC adaptor with locknut, 1-7/8" JIC	£68.45	€ 77.35

## SAE 'O' RING BOSS MALE LESS 'O' RING X BSP MALE

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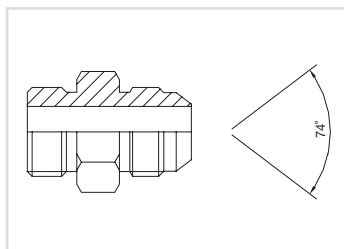
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01326	Hydraulic SAE O ring boss male less o ring x BSP male, 1/4" SORB x 1/4" BSP	£2.46	€ 2.78
BUR01329	Hydraulic SAE O ring boss male less o ring x BSP male, 1/4" SORB x 1/8" BSP	£2.46	€ 2.78
BUR01300	Hydraulic SAE O ring boss male less o ring x BSP male, 3/8" SORB x 1/4" BSP	£2.46	€ 2.78
BUR01323	Hydraulic SAE O ring boss male less o ring x BSP male, 3/8" SORB x 3/8" BSP	£3.03	€ 3.43
BUR01309	Hydraulic SAE O ring boss male less o ring x BSP male, 7/16" SORB x 1/8" BSP	£2.08	€ 2.35
BUR01301	Hydraulic SAE O ring boss male less o ring x BSP male, 7/16" SORB x 1/4" BSP	£1.62	€ 1.83
BUR01303	Hydraulic SAE O ring boss male less o ring x BSP male, 7/16" SORB x 3/8" BSP	£1.92	€ 2.17
BUR01302	Hydraulic SAE O ring boss male less o ring x BSP male, 7/16" SORB x 1/2" BSP	£2.46	€ 2.78
BUR01304	Hydraulic SAE O ring boss male less o ring x BSP male, 1/2" SORB x 1/4" BSP	£1.86	€ 2.10
BUR01305	Hydraulic SAE O ring boss male less o ring x BSP male, 1/2" SORB x 3/8" BSP	£1.96	€ 2.22
BUR01341	Hydraulic SAE O ring boss male less o ring x BSP male, 1/2" SORB x 1/2" BSP	£2.55	€ 2.88

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	£1.88	€ 2.12
BUR01307	Hydraulic SAE O ring boss male less o ring x BSP male, 9/16" SORB x 3/8" BSP	£1.96	€ 2.22
BUR01308	Hydraulic SAE O ring boss male less o ring x BSP male, 9/16" SORB x 1/2" BSP	£2.46	€ 2.78
BUR01310	Hydraulic SAE O ring boss male less o ring x BSP male, 3/4" SORB x 1/4" BSP	£2.46	€ 2.78
BUR01311	Hydraulic SAE O ring boss male less o ring x BSP male, 3/4" SORB x 3/8" BSP	£2.46	€ 2.78
BUR01312	Hydraulic SAE O ring boss male less o ring x BSP male, 3/4" SORB x 1/2" BSP	£2.46	€ 2.78
BUR01313	Hydraulic SAE O ring boss male less o ring x BSP male, 3/4" SORB x 5/8" BSP	£2.84	€ 3.20
BUR01314	Hydraulic SAE O ring boss male less o ring x BSP male, 3/4" SORB x 3/4" BSP	£3.69	€ 4.16
BUR01315	Hydraulic SAE O ring boss male less o ring x BSP male, 5/8" SORB x 1/4" BSP	£2.84	€ 3.20
BUR01316	Hydraulic SAE O ring boss male less o ring x BSP male, 5/8" SORB x 3/8" BSP	£2.84	€ 3.20
BUR01344	Hydraulic SAE O ring boss male less o ring x BSP male, 5/8" SORB x 1/2" BSP	£2.84	€ 3.20
BUR01346	Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 1/4" BSP	£2.84	€ 3.20
BUR01317	Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 3/8" BSP	£2.84	€ 3.20
BUR01318	Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 1/2" BSP	£2.84	€ 3.20
BUR01319	Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 5/8" BSP	£2.84	€ 3.20
BUR01320	Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 3/4" BSP	£3.69	€ 4.16
BUR01335	Hydraulic SAE O ring boss male less o ring x BSP male, 7/8" SORB x 1" BSP	£5.92	€ 6.69
BUR01321	Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 3/8" BSP	£4.20	€ 4.75
BUR01322	Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 1/2" BSP	£3.90	€ 4.40
BUR01337	Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 5/8" BSP	£4.53	€ 5.11
BUR01324	Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 3/4" BSP	£3.73	€ 4.21
BUR01325	Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 1" BSP	£5.70	€ 6.44
BUR01348	Hydraulic SAE O ring boss male less o ring x BSP male, 1-1/16" SORB x 1-1/4" BSP	£13.49	€ 15.25
BUR01345	Hydraulic SAE O ring boss male less o ring x BSP male, 1-3/16" SORB x 3/4" BSP	£17.06	€ 19.28
BUR01343	Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/16" SORB x 1/2" BSP	£6.29	€ 7.11
BUR01327	Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/16" SORB x 3/4" BSP	£5.70	€ 6.44
BUR01328	Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/16" SORB x 1" BSP	£5.70	€ 6.44
BUR01338	Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/16" SORB x 1-1/4" BSP	£13.49	€ 15.25
BUR01330	Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/16" SORB x 1-1/2" BSP	£17.06	€ 19.28
BUR01331	Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/8" SORB x 3/4" BSP	£17.06	€ 19.28
BUR01332	Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/8" SORB x 1" BSP	£13.49	€ 15.25
BUR01333	Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/8" SORB x 1-1/4" BSP	£13.49	€ 15.25
BUR01339	Hydraulic SAE O ring boss male less o ring x BSP male, 1-5/8" SORB x 1-1/2" BSP	£20.00	€ 22.60
BUR01342	Hydraulic SAE O ring boss male less o ring x BSP male, 1-7/8" SORB x 1-1/4" BSP	£20.04	€ 22.65
BUR01340	Hydraulic SAE O ring boss male less o ring x BSP male, 1-7/8" SORB x 1-1/2" BSP	£20.04	€ 22.65

## SAE 'O' RING BOSS MALE LESS 'O' RING X JIC MALE

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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	£1.77	€ 2.01
BUR01353	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/16" SORB x 1/2" JIC	£1.96	€ 2.22
BUR01351	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/16" SORB x 9/16" JIC	£1.96	€ 2.22
BUR01398	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/16" SORB x 7/8" JIC	£3.14	€ 3.55
BUR01392	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1/2" SORB x 7/16" JIC	£1.96	€ 2.22
BUR01352	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1/2" SORB x 1/2" JIC	£1.96	€ 2.22
BUR01388	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1/2" SORB x 9/16" JIC	£1.96	€ 2.22
BUR01354	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 9/16" SORB x 7/16" JIC	£1.96	€ 2.22
BUR01355	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 9/16" SORB x 1/2" JIC	£3.26	€ 3.68

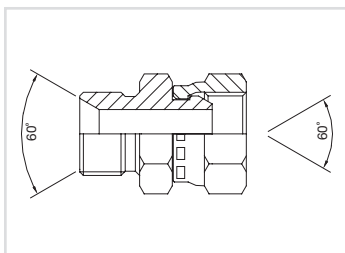
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01356	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 9/16" SORB x 9/16" JIC	£1.96	€ 2.22
BUR01357	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 9/16" SORBx 3/4" JIC	£2.46	€ 2.78
BUR01358	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 9/16" SORB x 7/8" JIC	£2.71	€ 3.06
BUR01389	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 3/4" SORB x 7/16" JIC	£2.84	€ 3.20
BUR01361	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 3/4" SORB x 9/16" JIC	£2.84	€ 3.20
BUR01362	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 3/4" SORB x 3/4" JIC	£2.30	€ 2.60
BUR01363	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 3/4" SORB x 7/8" JIC	£2.61	€ 2.95
BUR01364	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 3/4" SORB x 1-1/16" JIC	£4.20	€ 4.75
BUR01386	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/8" SORB x 9/16" JIC	£3.03	€ 3.43
BUR01365	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/8" SORB x 3/4" JIC	£2.79	€ 3.16
BUR01366	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/8" SORB x 7/8" JIC	£2.67	€ 3.01
BUR01367	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 7/8" SORB x 1-1/16" JIC	£4.44	€ 5.02
BUR01395	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-1/16" SORB x 9/16" JIC	£4.84	€ 5.47
BUR01368	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-1/16" SORB x 3/4" JIC	£4.20	€ 4.75
BUR01370	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-1/16" SORB x 7/8" JIC	£4.20	€ 4.75
BUR01371	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-1/16" SORB x 1-1/16" JIC	£3.90	€ 4.40
BUR01373	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-1/16" SORB x 1-5/16" JIC	£6.15	€ 6.95
BUR01374	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-3/16" SORB x 1-1/16" JIC	£6.15	€ 6.95
BUR01391	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-3/16" SORB x 1-3/16" JIC	£5.92	€ 6.69
BUR01394	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-5/16" SORB x 3/4" JIC	£11.38	€ 12.86
BUR01396	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-5/16" SORB x 7/8" JIC	£11.38	€ 12.86
BUR01377	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-5/16" SORB x 1-1/16" JIC	£6.15	€ 6.95
BUR01378	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-5/16" SORB x 1-5/16" JIC	£6.15	€ 6.95
BUR01379	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-5/16" SORB x 1-5/8" JIC	£11.43	€ 12.92
BUR01380	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-5/8" SORB x 1-5/16" JIC	£11.43	€ 12.92
BUR01381	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-5/8" SORB x 1-5/8" JIC	£11.43	€ 12.92
BUR01387	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-5/8" SORB x 1-7/8" JIC	£18.61	€ 21.02
BUR01397	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-7/8" SORB x 1-5/16" JIC	£18.61	€ 21.02
BUR01383	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-7/8" SORB x 1-5/8" JIC	£18.61	€ 21.02
BUR01384	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-7/8" SORB x 1-7/8" JIC	£17.06	€ 19.28
BUR01369	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 1-7/8" SORB x 2-1/2" JIC	£37.70	€ 42.60
BUR01385	Hydraulic SAE O'ring boss male less o ring x JIC male adaptor, 2-1/2" SORB x 2-1/2" JIC	£37.70	€ 42.60

## MALE X SWIVEL FEMALE ADAPTORS

### BSP MALE X BSP SWIVEL FEMALE

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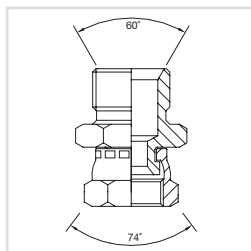


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01425	Hydraulic adaptor BSP male x BSP swivel female, 1/8" BSP x 1/8" BSP	£2.61	€ 2.95
BUR01426	Hydraulic adaptor BSP male x BSP swivel female, 1/8" BSP x 1/4" BSP	£2.61	€ 2.95
BUR01476	Hydraulic adaptor BSP male x BSP swivel female, 1/8" BSP x 3/8" BSP	£2.61	€ 2.95
BUR01428	Hydraulic adaptor BSP male x BSP swivel female, 1/4" BSP x 1/8" BSP	£2.61	€ 2.95
BUR01427	Hydraulic adaptor BSP male x BSP swivel female, 1/4" BSP x 1/4" BSP	£2.02	€ 2.28
BUR01429	Hydraulic adaptor BSP male x BSP swivel female, 1/4" BSP x 3/8" BSP	£2.38	€ 2.69
BUR01430	Hydraulic adaptor BSP male x BSP swivel female, 1/4" BSP x 1/2" BSP	£3.29	€ 3.71
BUR01431	Hydraulic adaptor BSP male x BSP swivel female, 1/4" BSP x 3/4" BSP	£6.56	€ 7.42
BUR01432	Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 1/8" BSP	£2.71	€ 3.06
BUR01433	Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 1/4" BSP	£2.02	€ 2.28
BUR01434	Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 3/8" BSP	£2.34	€ 2.65
BUR01435	Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 1/2" BSP	£3.20	€ 3.62

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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01470	Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 5/8" BSP	£6.01	€ 6.79
BUR01436	Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 3/4" BSP	£6.07	€ 6.86
BUR01437	Hydraulic adaptor BSP male x BSP swivel female, 3/8" BSP x 1" BSP	£7.31	€ 8.26
BUR01438	Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 1/4" BSP	£3.29	€ 3.71
BUR01439	Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 3/8" BSP	£3.20	€ 3.62
BUR01440	Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 1/2" BSP	£3.20	€ 3.62
BUR01441	Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 5/8" BSP	£3.90	€ 4.40
BUR01442	Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 3/4" BSP	£4.73	€ 5.34
BUR01443	Hydraulic adaptor BSP male x BSP swivel female, 1/2" BSP x 1" BSP	£7.09	€ 8.01
BUR01457	Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 1/4" BSP	£6.01	€ 6.79
BUR01444	Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 3/8" BSP	£6.01	€ 6.79
BUR01445	Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 1/2" BSP	£3.90	€ 4.40
BUR01446	Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 5/8" BSP	£3.69	€ 4.16
BUR01447	Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 3/4" BSP	£6.07	€ 6.86
BUR01481	Hydraulic adaptor BSP male x BSP swivel female, 5/8" BSP x 1" BSP	£8.36	€ 9.44
BUR01468	Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 1/4" BSP	£6.07	€ 6.86
BUR01448	Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 3/8" BSP	£6.07	€ 6.86
BUR01449	Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 1/2" BSP	£4.73	€ 5.34
BUR01450	Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 5/8" BSP	£6.07	€ 6.86
BUR01451	Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 3/4" BSP	£4.73	€ 5.34
BUR01453	Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 1" BSP	£7.31	€ 8.26
BUR01452	Hydraulic adaptor BSP male x BSP swivel female, 3/4" BSP x 1-1/4" BSP	£15.79	€ 17.84
BUR01454	Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 1/2" BSP	£7.31	€ 8.26
BUR01455	Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 5/8" BSP	£7.31	€ 8.26
BUR01456	Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 3/4" BSP	£7.31	€ 8.26
BUR01458	Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 1" BSP	£7.31	€ 8.26
BUR01463	Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 1-1/4" BSP	£14.56	€ 16.46
BUR01472	Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 1-1/2" BSP	£22.79	€ 25.75
BUR01479	Hydraulic adaptor BSP male x BSP swivel female, 1" BSP x 2" BSP	£38.87	€ 43.92
BUR01459	Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 1/2" BSP	£15.59	€ 17.62
BUR01469	Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 3/4" BSP	£14.56	€ 16.46
BUR01460	Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 1" BSP	£14.56	€ 16.46
BUR01461	Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 1-1/4" BSP	£14.56	€ 16.46
BUR01462	Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 1-1/2" BSP	£22.00	€ 24.86
BUR01477	Hydraulic adaptor BSP male x BSP swivel female, 1-1/4" BSP x 2" BSP	£38.87	€ 43.92
BUR01464	Hydraulic adaptor BSP male x BSP swivel female, 1-1/2" BSP x 1" BSP	£22.00	€ 24.86
BUR01465	Hydraulic adaptor BSP male x BSP swivel female, 1-1/2" BSP x 1-1/4" BSP	£22.00	€ 24.86
BUR01466	Hydraulic adaptor BSP male x BSP swivel female, 1-1/2" BSP x 1-1/2" BSP	£22.79	€ 25.75
BUR01471	Hydraulic adaptor BSP male x BSP swivel female, 1-1/2" BSP x 2" BSP	£38.87	€ 43.92
BUR01475	Hydraulic adaptor BSP male x BSP swivel female, 2" BSP x 1-1/4" BSP	£38.87	€ 43.92
BUR01474	Hydraulic adaptor BSP male x BSP swivel female, 2" BSP x 1-1/2" BSP	£38.87	€ 43.92
BUR01467	Hydraulic adaptor BSP male x BSP swivel female, 2" BSP x 2" BSP	£38.87	€ 43.92

## BSP MALE X JIC SWIVEL FEMALE



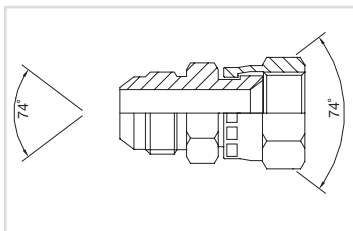
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR11501	Hydraulic adaptor BSP male x JIC swivel female, 1/8" BSP x 7/16" JIC	£3.43	€ 3.88
BUR11513	Hydraulic adaptor BSP male x JIC swivel female, 1/4" BSP x 7/16" JIC	£3.43	€ 3.88
BUR11514	Hydraulic adaptor BSP male x JIC swivel female, 1/4" BSP x 1/2" JIC	£3.43	€ 3.88
BUR11515	Hydraulic adaptor BSP male x JIC swivel female, 1/4" BSP x 9/16" JIC	£3.43	€ 3.88

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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR11516	Hydraulic adaptor BSP male x JIC swivel female, 1/4" BSP x 3/4" JIC	£3.69	€ 4.16
BUR11524	Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 7/16" JIC	£3.69	€ 4.16
BUR11525	Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 1/2" JIC	£3.69	€ 4.16
BUR11526	Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 9/16" JIC	£3.69	€ 4.16
BUR11527	Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 3/4" JIC	£3.43	€ 3.88
BUR11528	Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 7/8" JIC	£4.20	€ 4.75
BUR11529	Hydraulic adaptor BSP male x JIC swivel female, 3/8" BSP x 1-1/16" JIC	£15.19	€ 17.17
BUR11536	Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 7/16" JIC	£4.20	€ 4.75
BUR11537	Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 1/2" JIC	£4.20	€ 4.75
BUR11538	Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 9/16" JIC	£3.43	€ 3.88
BUR11539	Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 3/4" JIC	£3.69	€ 4.16
BUR11540	Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 7/8" JIC	£4.10	€ 4.63
BUR11541	Hydraulic adaptor BSP male x JIC swivel female, 1/2" BSP x 1-1/16" JIC	£7.31	€ 8.26
BUR11551	Hydraulic adaptor BSP male x JIC swivel female, 5/8" BSP x 3/4" JIC	£4.84	€ 5.47
BUR11552	Hydraulic adaptor BSP male x JIC swivel female, 5/8" BSP x 7/8" JIC	£4.84	€ 5.47
BUR11553	Hydraulic adaptor BSP male x JIC swivel female, 5/8" BSP x 1-1/16" JIC	£10.15	€ 11.47
BUR11562	Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 9/16" JIC	£6.15	€ 6.95
BUR11563	Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 3/4" JIC	£6.15	€ 6.95
BUR11564	Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 7/8" JIC	£6.49	€ 7.33
BUR11565	Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 1-1/16" JIC	£7.31	€ 8.26
BUR11566	Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 1-3/16" JIC	£9.96	€ 11.26
BUR11567	Hydraulic adaptor BSP male x JIC swivel female, 3/4" BSP x 1-5/16" JIC	£13.07	€ 14.77
BUR11577	Hydraulic adaptor BSP male x JIC swivel female, 1" BSP x 1-1/16" JIC	£10.15	€ 11.47
BUR11578	Hydraulic adaptor BSP male x JIC swivel female, 1" BSP x 1-3/16" JIC	£10.86	€ 12.27
BUR11579	Hydraulic adaptor BSP male x JIC swivel female, 1" BSP x 1-5/16" JIC	£13.07	€ 14.77
BUR11580	Hydraulic adaptor BSP male x JIC swivel female, 1" BSP x 1-5/8" JIC	£20.98	€ 23.71
BUR11591	Hydraulic adaptor BSP male x JIC swivel female, 1-1/4" BSP x 1-5/16" JIC	£20.98	€ 23.71
BUR11592	Hydraulic adaptor BSP male x JIC swivel female, 1-1/4" BSP x 1-5/8" JIC	£20.98	€ 23.71
BUR11593	Hydraulic adaptor BSP male x JIC swivel female, 1-1/4" BSP x 1-7/8" JIC	£31.05	€ 35.08
BUR11606	Hydraulic adaptor BSP male x JIC swivel female, 1-1/2" BSP x 1-5/8" JIC	£31.05	€ 35.08
BUR11605	Hydraulic adaptor BSP male x JIC swivel female, 1-1/2" BSP x 1-7/8" JIC	£31.05	€ 35.08
BUR11617	Hydraulic adaptor BSP male x JIC swivel female, 2" BSP x 1-7/8" JIC	£38.87	€ 43.92
BUR11618	Hydraulic adaptor BSP male x JIC swivel female, 2" BSP x 2-1/2" JIC	£38.87	€ 43.92

## JIC MALE X JIC SWIVEL FEMALE



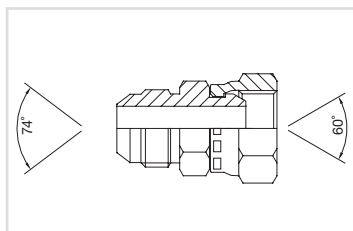
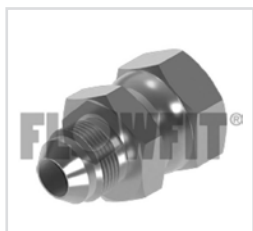
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01687	Hydraulic adaptor JIC male x JIC swivel female, 7/16" JIC x 7/16" JIC	£4.05	€ 4.58
BUR01675	Hydraulic adaptor JIC male x JIC swivel female, 7/16" JIC x 9/16" JIC	£4.05	€ 4.58
BUR01694	Hydraulic adaptor JIC male x JIC swivel female, 7/16" JIC x 3/4" JIC	£4.73	€ 5.34
BUR01671	Hydraulic adaptor JIC male x JIC swivel female, 7/16" JIC x 7/8" JIC	£4.84	€ 5.47
BUR01670	Hydraulic adaptor JIC male x JIC swivel female, 1/2" JIC x 7/16" JIC	£14.53	€ 16.42
BUR01676	Hydraulic adaptor JIC male x JIC swivel female, 1/2" JIC x 1/2" JIC	£3.90	€ 4.40
BUR01677	Hydraulic adaptor JIC male x JIC swivel female, 1/2" JIC x 9/16" JIC	£4.05	€ 4.58
BUR01684	Hydraulic adaptor JIC male x JIC swivel female, 9/16" JIC x 7/16" JIC	£4.05	€ 4.58
BUR01674	Hydraulic adaptor JIC male x JIC swivel female, 9/16" JIC x 1/2" JIC	£4.05	€ 4.58
BUR01678	Hydraulic adaptor JIC male x JIC swivel female, 9/16" JIC x 9/16" JIC	£4.05	€ 4.58
BUR01679	Hydraulic adaptor JIC male x JIC swivel female, 9/16" JIC x 3/4" JIC	£4.14	€ 4.67
BUR01695	Hydraulic adaptor JIC male x JIC swivel female, 9/16" JIC x 7/8" JIC	£4.84	€ 5.47
BUR01680	Hydraulic adaptor JIC male x JIC swivel female, 3/4" JIC x 9/16" JIC	£4.14	€ 4.67
BUR01685	Hydraulic adaptor JIC male x JIC swivel female, 3/4" JIC x 3/4" JIC	£4.14	€ 4.67
BUR01681	Hydraulic adaptor JIC male x JIC swivel female, 3/4" JIC x 7/8" JIC	£4.84	€ 5.47

Continued on next page

PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01691	Hydraulic adaptor JIC male x JIC swivel female, 3/4" JICx 1-1/16" JIC	£7.23	€ 8.17
BUR01682	Hydraulic adaptor JIC male x JIC swivel female, 7/8" JIC x 3/4" JIC	£4.84	€ 5.47
BUR01683	Hydraulic adaptor JIC male x JIC swivel female, 7/8" JIC x 7/8" JIC	£4.84	€ 5.47
BUR01690	Hydraulic adaptor JIC male x JIC swivel female, 7/8" JIC x 1-1/16" JIC	£7.31	€ 8.26
BUR01688	Hydraulic adaptor JIC male x JIC swivel female, 1-1/16" JIC x 3/4" JIC	£6.43	€ 7.26
BUR01686	Hydraulic adaptor JIC male x JIC swivel female, 1-1/16" JIC x 7/8" JIC	£6.43	€ 7.26
BUR01692	Hydraulic adaptor JIC male x JIC swivel female, 1-1/16" JIC x 1-1/16" JIC	£6.97	€ 7.88
BUR01696	Hydraulic adaptor JIC male x JIC swivel female, 1-1/16" JIC x 1-5/16" JIC	£11.81	€ 13.35
BUR01666	Hydraulic adaptor JIC male x JIC swivel female, 1-1/16" JIC x 1-5/8" JIC	£24.34	€ 27.50
BUR01699	Hydraulic adaptor JIC male x JIC swivel female, 1-3/16" JIC x 1-3/16" JIC	£8.27	€ 9.35
BUR01689	Hydraulic adaptor JIC male x JIC swivel female, 1-5/16" JIC x 1-1/16" JIC	£11.81	€ 13.35
BUR01693	Hydraulic adaptor JIC male x JIC swivel female, 1-5/16" JIC x 1-5/16" JIC	£11.81	€ 13.35
BUR01673	Hydraulic adaptor JIC male x JIC swivel female, 1-5/16" JIC x 1-5/8" JIC	£24.34	€ 27.50
BUR01669	Hydraulic adaptor JIC male x JIC swivel female, 1-5/16" JIC x 1-7/8" JIC	£24.33	€ 27.49
BUR01770	Hydraulic adaptor JIC male x JIC swivel female, 1-5/8" JIC x 1-5/16" JIC	£24.34	€ 27.50
BUR01697	Hydraulic adaptor JIC male x JIC swivel female, 1-5/8" JIC x 1-5/8" JIC	£24.34	€ 27.50
BUR01672	Hydraulic adaptor JIC male x JIC swivel female, 1-5/8" JIC x 1-7/8" JIC	£24.34	€ 27.50
BUR01698	Hydraulic adaptor JIC male x JIC swivel female, 1-7/8" JIC x 1-7/8" JIC	£30.89	€ 34.91

## JIC MALE X BSP SWIVEL FEMALE

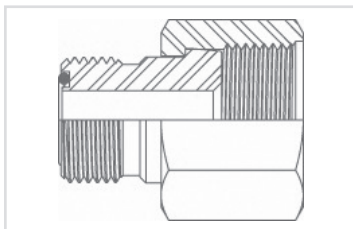


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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01600	Hydraulic adaptor JIC male x BSP swivel female, 7/16" JIC x 1/8" BSP	£3.43	€ 3.88
BUR01605	Hydraulic adaptor JIC male x BSP swivel female, 7/16" JIC x 1/4" BSP	£3.43	€ 3.88
BUR01614	Hydraulic adaptor JIC male x BSP swivel female, 7/16" JIC x 3/8" BSP	£4.20	€ 4.75
BUR01613	Hydraulic adaptor JIC male x BSP swivel female, 7/16" JIC x 1/2" BSP	£4.20	€ 4.75
BUR01601	Hydraulic adaptor JIC male x BSP swivel female, 1/2" JIC x 1/4" BSP	£3.43	€ 3.88
BUR01618	Hydraulic adaptor JIC male x BSP swivel female, 1/2" JIC x 3/8" BSP	£4.20	€ 4.75
BUR01617	Hydraulic adaptor JIC male x BSP swivel female, 1/2" JIC x 1/2" BSP	£4.20	€ 4.75
BUR01602	Hydraulic adaptor JIC male x BSP swivel female, 9/16" JIC x 1/4" BSP	£3.43	€ 3.88
BUR01603	Hydraulic adaptor JIC male x BSP swivel female, 9/16" JIC x 3/8" BSP	£3.69	€ 4.16
BUR01604	Hydraulic adaptor JIC male x BSP swivel female, 9/16" JIC x 1/2" BSP	£3.73	€ 4.21
BUR01606	Hydraulic adaptor JIC male x BSP swivel female, 3/4" JIC x 3/8" BSP	£3.69	€ 4.16
BUR01607	Hydraulic adaptor JIC male x BSP swivel female, 3/4" JIC x 1/2" BSP	£4.10	€ 4.63
BUR01599	Hydraulic adaptor JIC male x BSP swivel female, 3/4" JIC x 5/8" BSP	£5.01	€ 5.66
BUR01620	Hydraulic adaptor JIC male x BSP swivel female, 3/4" JIC x 3/4" BSP	£5.92	€ 6.69
BUR01608	Hydraulic adaptor JIC male x BSP swivel female, 7/8" JIC x 3/8" BSP	£2.10	€ 2.37
BUR01609	Hydraulic adaptor JIC male x BSP swivel female, 7/8" JIC x 1/2" BSP	£4.46	€ 5.04
BUR01619	Hydraulic adaptor JIC male x BSP swivel female, 7/8" JIC x 5/8" BSP	£6.43	€ 7.26
BUR01615	Hydraulic adaptor JIC male x BSP swivel female, 7/8" JIC x 3/4" BSP	£6.43	€ 7.26
BUR01610	Hydraulic adaptor JIC male x BSP swivel female, 1-1/16" JIC x 3/4" BSP	£6.43	€ 7.26
BUR01616	Hydraulic adaptor JIC male x BSP swivel female, 1-1/16" JIC x 1" BSP	£9.30	€ 10.51
BUR01623	Hydraulic adaptor JIC male x BSP swivel female, 1-3/16" JIC x 3/4" BSP	£9.30	€ 10.51
BUR01624	Hydraulic adaptor JIC male x BSP swivel female, 1-5/16" JIC x 3/4" BSP	£9.43	€ 10.65
BUR01611	Hydraulic adaptor JIC male x BSP swivel female, 1-5/16" JIC x 1" BSP	£9.43	€ 10.65
BUR01612	Hydraulic adaptor JIC male x BSP swivel female, 1-5/8" JIC x 1-1/4" BSP	£20.98	€ 23.71
BUR01597	Hydraulic adaptor JIC male x BSP swivel female, 1-5/8" JIC x 1-1/2" BSP	£23.06	€ 26.06
BUR01598	Hydraulic adaptor jic male / bsp swivel female, 1-7/8" JIC x 1-1/2" BSP	£31.05	€ 35.08



## ORFS MALE X ORFS SWIVEL FEMALE

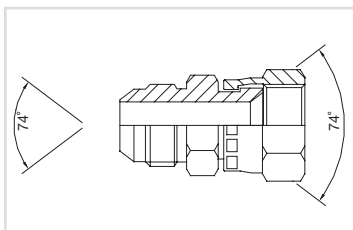


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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR9015-04-06AS	Hydraulic adaptor ORFS male x ORFS swivel female, 9/16 ORFS X 11/16 ORFS	£8.32	€ 9.40
BUR9015-04-12AS	Hydraulic adaptor ORFS male x ORFS swivel female, 9/16 ORFS X 1-3/16 ORFS	£14.99	€ 16.94
BUR9015-06-08AS	Hydraulic adaptor ORFS male x ORFS swivel female, 11/16 ORFS X 13/16 ORFS	£9.33	€ 10.55
BUR9015-06-12AS	Hydraulic adaptor ORFS male x ORFS swivel female, 11/16 ORFS X 1-3/16 ORFS	£18.21	€ 20.57
BUR9015-08-10AS	Hydraulic adaptor ORFS male x ORFS swivel female, 13/16 ORFS X 1 ORFS	£17.86	€ 20.18
BUR9015-10-12AS	Hydraulic adaptor ORFS male x ORFS swivel female, 1 ORFS X 1-3/16 ORFS	£20.34	€ 22.98
BUR9015-12-16AS	Hydraulic adaptor ORFS male x ORFS swivel female, 1-3/16 ORFS X 1-7/16 ORFS	£16.53	€ 18.68
BUR9015-16-20AS	Hydraulic adaptor ORFS male x ORFS swivel female, 1-7/16 ORFS X 1-11/16	£23.69	€ 26.77

## SWIVEL FEMALE X SWIVEL FEMALE ADAPTORS

### BSP SWIVEL FEMALE X BSP SWIVEL FEMALE



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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01725	Hydraulic adaptor BSP swivel female x BSP swivel female, 1/8" BSP x 1/8" BSP	£2.61	€ 2.95
BUR01726	Hydraulic adaptor BSP swivel female x BSP swivel female, 1/8" BSP x 1/4" BSP	£2.71	€ 3.06
BUR01751	Hydraulic adaptor BSP swivel female x BSP swivel female, 1/8" BSP x 3/8" BSP	£3.03	€ 3.43
BUR01727	Hydraulic adaptor BSP swivel female x BSP swivel female, 1/4" BSP x 1/4" BSP	£2.22	€ 2.50
BUR01728	Hydraulic adaptor BSP swivel female x BSP swivel female, 1/4" BSP x 3/8" BSP	£2.38	€ 2.69
BUR01732	Hydraulic adaptor BSP swivel female x BSP swivel female, 1/4" BSP x 1/2" BSP	£3.34	€ 3.77
BUR01736	Hydraulic adaptor BSP swivel female x BSP swivel female, 1/4" BSP x 5/8" BSP	£4.31	€ 4.86
BUR01724	Hydraulic adaptor BSP swivel female x BSP swivel female, 1/4" BSP x 3/4" BSP	£5.70	€ 6.44
BUR01729	Hydraulic adaptor BSP swivel female x BSP swivel female, 3/8" BSP x 3/8" BSP	£2.38	€ 2.69
BUR01733	Hydraulic adaptor BSP swivel female x BSP swivel female, 3/8" BSP x 1/2" BSP	£3.26	€ 3.68
BUR01737	Hydraulic adaptor BSP swivel female x BSP swivel female, 3/8" BSP x 5/8" BSP	£4.05	€ 4.58
BUR01730	Hydraulic adaptor BSP swivel female x BSP swivel female, 3/8" BSP x 3/4" BSP	£5.70	€ 6.44
BUR01731	Hydraulic adaptor BSP swivel female x BSP swivel female, 3/8" BSP x 1" BSP	£7.98	€ 9.02
BUR01734	Hydraulic adaptor BSP swivel female x BSP swivel female, 1/2" BSP x 1-1/4" BSP	£3.26	€ 3.68
BUR01746	Hydraulic BSP swivel female x BSP swivel female, 1/2" BSP x 5/8" BSP	£3.97	€ 4.48
BUR01735	Hydraulic BSP swivel female x BSP swivel female, 1/2" BSP x 3/4" BSP	£5.70	€ 6.44
BUR01750	Hydraulic adaptor BSP swivel female x BSP swivel female, 1/2" BSP x 1" BSP	£8.27	€ 9.35
BUR01738	Hydraulic adaptor BSP swivel female x BSP swivel female, 5/8" BSP x 5/8" BSP	£4.05	€ 4.58
BUR01740	Hydraulic adaptor BSP swivel female x BSP swivel female, 5/8" BSP x 3/4" BSP	£5.70	€ 6.44
BUR01739	Hydraulic adaptor BSP swivel female x BSP swivel female, 5/8" BSP x 1" BSP	£7.39	€ 8.35
BUR01741	Hydraulic adaptor BSP swivel female x BSP swivel female, 3/4" BSP x 3/4" BSP	£5.15	€ 5.81
BUR01742	Hydraulic adaptor BSP swivel female x BSP swivel female, 3/4" BSP x 1" BSP	£7.39	€ 8.35
BUR01747	Hydraulic adaptor BSP swivel female x BSP swivel female, 3/4" BSP x 1-1/4" BSP	£15.03	€ 16.98
BUR01743	Hydraulic adaptor BSP swivel female x BSP swivel female, 1" BSP x 1" BSP	£7.40	€ 8.36
BUR01744	Hydraulic adaptor BSP swivel female x BSP swivel female, 1" BSP x 1-1/4" BSP	£15.03	€ 16.98
BUR01752	Hydraulic adaptor BSP swivel female x BSP swivel female, 1" BSP x 1-1/2" BSP	£25.08	€ 28.35

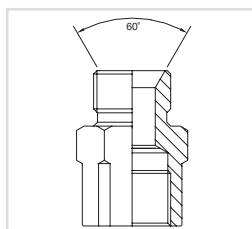
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01745	Hydraulic adaptor BSP swivel female x BSP swivel female, 1-1/4" BSP x 1-1/4" BSP	£15.03	€ 16.98
BUR01753	Hydraulic adaptor BSP swivel female x BSP swivel female, 1-1/4" BSP x 1-1/2" BSP	£26.36	€ 29.78
BUR01756	Hydraulic adaptor BSP swivel female x BSP swivel female, 1-1/4" BSP x 2" BSP	£49.71	€ 56.17
BUR01748	Hydraulic adaptor BSP swivel female x BSP swivel female, 1-1/2" BSP x 1-1/2" BSP	£26.36	€ 29.78
BUR01755	Hydraulic adaptor BSP swivel female x BSP swivel female, 1-1/2" BSP x 2" BSP	£49.71	€ 56.17
BUR01749	Hydraulic adaptor BSP swivel female x BSP swivel female, 2" BSP x 2" BSP	£26.36	€ 29.78

## MALE X FIXED FEMALE & FIXED FEMALE/FEMALE ADAPTORS

### BSP MALE X BSP FIXED FEMALE EXTENDED

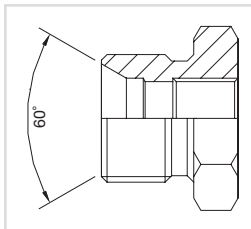
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR00922	Hydraulic adaptor BSP male x BSP fixed female extended, 1/8" BSP x 1/8" BSP	£2.87	€ 3.24
BUR00924	Hydraulic adaptor BSP male x BSP fixed female extended, 1/8" BSP x 1/4" BSP	£2.84	€ 3.20
BUR00931	Hydraulic adaptor BSP male x BSP fixed female extended, 1/8" BSP x 3/8" BSP	£5.65	€ 6.38
BUR00928	Hydraulic adaptor BSP male x BSP fixed female extended, 1/8" BSP x 1/2" BSP	£6.80	€ 7.69
BUR00905	Hydraulic adaptor BSP male x BSP fixed female extended, 1/4" BSP x 1/8" BSP	£2.84	€ 3.20
BUR00900	Hydraulic adaptor BSP male x BSP fixed female extended, 1/4" BSP x 1/4" BSP	£2.38	€ 2.69
BUR00901	Hydraulic adaptor BSP male x BSP fixed female extended, 1/4" BSP x 3/8" BSP	£2.61	€ 2.95
BUR00904	Hydraulic adaptor BSP male x BSP fixed female extended, 1/4" BSP x 1/2" BSP	£3.26	€ 3.68
BUR00932	Hydraulic adaptor BSP male x BSP fixed female extended, 1/4" BSP x 3/4" BSP	£10.72	€ 12.11
BUR00902	Hydraulic adaptor BSP male x BSP fixed female extended, 3/8" BSP x 1/4" BSP	£2.61	€ 2.95
BUR00903	Hydraulic adaptor BSP male x BSP fixed female extended, 3/8" BSP x 3/8" BSP	£2.61	€ 2.95
BUR00913	Hydraulic adaptor BSP male x BSP fixed female extended, 3/8" BSP x 1/2" BSP	£2.84	€ 3.20
BUR00933	Hydraulic adaptor BSP male x BSP fixed female extended, 3/8" BSP x 3/4" BSP	£10.72	€ 12.11
BUR00906	Hydraulic adaptor BSP male x BSP fixed female extended, 1/2" BSP x 3/8" BSP	£3.01	€ 3.41
BUR00907	Hydraulic adaptor BSP male x BSP fixed female extended, 1/2" BSP x 1/2" BSP	£3.01	€ 3.41
BUR00918	Hydraulic adaptor BSP male x BSP fixed female extended, 1/2" BSP x 3/4" BSP	£6.11	€ 6.91
BUR00929	Hydraulic adaptor BSP male x BSP fixed female extended, 1/2" BSP x 1" BSP	£10.31	€ 11.65
BUR00934	Hydraulic adaptor BSP male x BSP fixed female extended, 1/2" BSP x 1-1/4" BSP	£25.98	€ 29.35
BUR00908	Hydraulic adaptor BSP male x BSP fixed female extended, 5/8" BSP x 1/2" BSP	£3.26	€ 3.68
BUR00939	Hydraulic adaptor BSP male x BSP fixed female extended, 5/8" BSP x 3/4" BSP	£15.99	€ 18.07
BUR00916	Hydraulic adaptor BSP male x BSP fixed female extended, 3/4" BSP x 1/2" BSP	£4.20	€ 4.75
BUR00925	Hydraulic adaptor BSP male x BSP fixed female extended, 3/4" BSP x 5/8" BSP	£4.20	€ 4.75
BUR00909	Hydraulic adaptor BSP male x BSP fixed female extended, 3/4" BSP x 3/4" BSP	£4.20	€ 4.75
BUR00919	Hydraulic adaptor BSP male x BSP fixed female extended, 3/4" BSP x 1" BSP	£9.35	€ 10.56
BUR00910	Hydraulic adaptor BSP male x BSP fixed female extended, 3/4" BSP x 1-1/4" BSP	£25.88	€ 29.25
BUR00911	Hydraulic adaptor BSP male x BSP fixed female extended, 5.923" BSP x 1-1/2" BSP	£27.92	€ 31.55
BUR00920	Hydraulic adaptor BSP male x BSP fixed female extended, 1" BSP x 3/4" BSP	£7.86	€ 8.89
BUR00912	Hydraulic adaptor BSP male x BSP fixed female extended, 1" BSP x 1" BSP	£7.86	€ 8.89
BUR00923	Hydraulic adaptor BSP male x BSP fixed female extended, 1" BSP x 1-1/4" BSP	£24.87	€ 28.11
BUR00927	Hydraulic adaptor BSP male x BSP fixed female extended, 1" BSP x 1-1/2" BSP	£26.36	€ 29.78
BUR00936	Hydraulic adaptor BSP male x BSP fixed female extended, 1" BSP x 2" BSP	£37.38	€ 42.24
BUR00914	Hydraulic adaptor BSP male x BSP fixed female extended, 1-1/4" BSP x 1-1/4" BSP	£14.56	€ 16.46
BUR00930	Hydraulic adaptor BSP male x BSP fixed female extended, 1-1/4" BSP x 1-1/2" BSP	£29.39	€ 33.21
BUR00937	Hydraulic adaptor BSP male x BSP fixed female extended, 1-1/4" BSP x 2" BSP	£37.38	€ 42.24
BUR00921	Hydraulic adaptor BSP male x BSP fixed female extended, 1-1/2" BSP x 1-1/4" BSP	£26.36	€ 29.78
BUR00917	Hydraulic adaptor BSP male x BSP fixed female extended, 1-1/2" BSP x 1-1/2" BSP	£26.36	€ 29.78
BUR00915	Hydraulic adaptor BSP male x BSP fixed female extended, 2" BSP x 2" BSP	£32.00	€ 36.16
BUR00935	Hydraulic adaptor BSP male x BSP fixed female extended, 2" BSP x 2-1/2" BSP	£183.54	€ 207.40
BUR00926	Hydraulic adaptor BSP male x BSP fixed female extended, 2-1/2" BSP x 2-1/2" BSP	£183.50	€ 207.35

## BSP MALE 60° CONE X BSP FIXED FEMALE BUSH

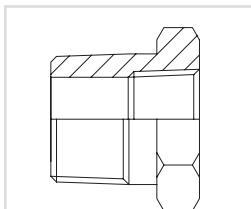
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR16167	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 3/8" BSP x 1/8" BSP	£3.26	€ 3.68
BUR16166	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1/2" BSP x 1/8" BSP	£3.26	€ 3.68
BUR16150	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1/2" BSP x 1/4" BSP	£2.61	€ 2.95
BUR16151	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 5/8" BSP x 1/4" BSP	£3.43	€ 3.88
BUR16152	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 3/4" BSP x 1/4" BSP	£3.56	€ 4.02
BUR16153	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 3/4" BSP x 3/8" BSP	£3.56	€ 4.02
BUR16156	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1" BSP x 1/4" BSP	£9.32	€ 10.54
BUR16168	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1" BSP x 3/8" BSP	£5.89	€ 6.66
BUR16157	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1" BSP x 1/2" BSP	£5.89	€ 6.66
BUR16147	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/4" BSP x 1/2" BSP	£13.76	€ 15.54
BUR16158	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/4" BSP x 3/4" BSP	£13.76	€ 15.54
BUR16162	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/4" BSP x 1" BSP	£13.76	€ 15.54
BUR16149	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/2" BSP x 1/2" BSP	£23.97	€ 27.09
BUR16159	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/2" BSP x 3/4" BSP	£23.97	€ 27.09
BUR16160	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 1-1/2" BSP x 1" BSP	£23.97	€ 27.09
BUR16527	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 1/4" BSP	£30.25	€ 34.18
BUR16528	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 3/8" BSP	£30.25	€ 34.18
BUR16146	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 1/2" BSP	£30.25	€ 34.18
BUR16161	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 1" BSP	£30.25	€ 34.18
BUR16164	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 1-1/4" BSP	£30.25	€ 34.18
BUR16163	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2" BSP x 1-1/2" BSP	£30.25	€ 34.18
BUR16165	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2-1/2" BSP x 1-1/2" BSP	£77.18	€ 87.21
BUR16154	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 2-1/2" BSP x 2" BSP	£77.18	€ 87.21
BUR16148	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 3" BSP x 1-1/2" BSP	£17.39	€ 19.65
BUR16155	Hydraulic adaptor BSP male 60° cone x BSP fixed female bush, 3" BSP x 2" BSP	£112.42	€ 127.04

## NPTF MALE X NPTF FIXED FEMALE BUSH

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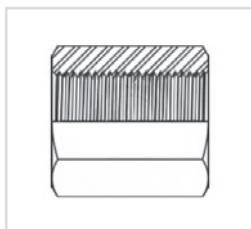
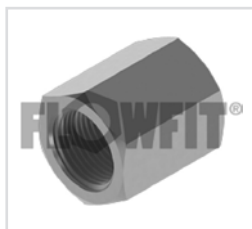
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01001	Hydraulic adaptor NPTF male x NPTF male, 1/4" NPTF x 1/8" NPTF	£3.34	€ 3.77
BUR01002	Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 1/8" NPTF	£3.73	€ 4.21
BUR01003	Hydraulic adaptor NPTF male x NPTF male, 3/8" NPTF x 1/4" NPTF	£3.73	€ 4.21
BUR01018	Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1/8" NPTF	£5.73	€ 6.48
BUR01004	Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 1/4" NPTF	£3.97	€ 4.48
BUR01005	Hydraulic adaptor NPTF male x NPTF male, 1/2" NPTF x 3/8" NPTF	£3.97	€ 4.48
BUR01032	Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1/8" NPTF	£5.06	€ 5.72
BUR01006	Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1/4" NPTF	£5.06	€ 5.72
BUR01007	Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 3/8" NPTF	£5.06	€ 5.72
BUR01008	Hydraulic adaptor NPTF male x NPTF male, 3/4" NPTF x 1/2" NPTF	£6.80	€ 7.69
BUR01022	Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 1/4" NPTF	£6.80	€ 7.69
BUR01011	Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 3/8" NPTF	£6.80	€ 7.69

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	£6.80	€ 7.69
BUR01010	Hydraulic adaptor NPTF male x NPTF male, 1" NPTF x 3/4" NPTF	£16.05	€ 18.14
BUR01023	Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 1/4" NPTF	£16.05	€ 18.14
BUR01025	Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 3/8" NPTF	£16.05	€ 18.14
BUR01026	Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 1/2" NPTF	£16.05	€ 18.14
BUR01019	Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 3/4" NPTF	£16.05	€ 18.14
BUR01012	Hydraulic adaptor NPTF male x NPTF male, 1-1/4" NPTF x 1" NPTF	£30.40	€ 34.35
BUR01024	Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 1/4" NPTF	£30.40	€ 34.35
BUR01027	Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 3/8" NPTF	£30.40	€ 34.35
BUR01028	Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 1/2" NPTF	£30.40	€ 34.35
BUR01013	Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 3/4" NPTF	£30.40	€ 34.35
BUR01015	Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 1" NPTF	£31.56	€ 35.67
BUR01021	Hydraulic adaptor NPTF male x NPTF male, 1-1/2" NPTF x 1-1/4" NPTF	£36.31	€ 41.03
BUR01031	Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 1/4" NPTF	£44.72	€ 50.53
BUR01035	Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 3/8" NPTF	£44.72	€ 50.53
BUR01030	Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 1/2" NPTF	£44.72	€ 50.53
BUR01029	Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 3/4" NPTF	£44.72	€ 50.53
BUR01014	Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 1" NPTF	£44.72	€ 50.53
BUR01017	Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 1-1/4" NPTF	£50.73	€ 57.32
BUR01016	Hydraulic adaptor NPTF male x NPTF male, 2" NPTF x 1-1/2" NPTF	£52.65	€ 59.49
BUR01033	Hydraulic adaptor NPTF male x NPTF male, 2-1/2" NPTF x 2" NPTF	£130.33	€ 147.27
BUR01037	Hydraulic adaptor NPTF male x NPTF male, 3" NPTF x 1-1/4" NPTF	£149.25	€ 168.65
BUR01036	Hydraulic adaptor NPTF male x NPTF male, 3" NPTF x 2" NPTF	£144.06	€ 162.79

## BSP FIXED FEMALE X BSP FIXED FEMALE

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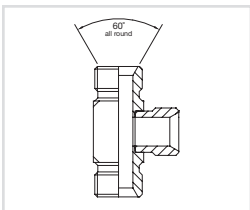
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09000	Hydraulic adaptor BSP fixed female x BSP fixed female, 1/8" BSP	£2.61	€ 2.95
BUR09002	Hydraulic adaptor BSP fixed female x BSP fixed female, 1/4" BSP	£1.96	€ 2.22
BUR09004	Hydraulic adaptor BSP fixed female x BSP fixed female, 3/8" BSP	£2.22	€ 2.50
BUR09005	Hydraulic adaptor BSP fixed female x BSP fixed female, 1/2" BSP	£2.34	€ 2.65
BUR09009	Hydraulic adaptor BSP fixed female x BSP fixed female, 5/8" BSP	£3.26	€ 3.68
BUR09010	Hydraulic adaptor BSP fixed female x BSP fixed female, 3/4" BSP	£4.73	€ 5.34
BUR09011	Hydraulic adaptor BSP fixed female x BSP fixed female, 1" BSP	£7.86	€ 8.89
BUR09012	Hydraulic adaptor BSP fixed female x BSP fixed female, 1-1/4" BSP	£15.11	€ 17.07
BUR09013	Hydraulic adaptor BSP fixed female x BSP fixed female, 1-1/2" BSP	£24.13	€ 27.27
BUR09014	Hydraulic adaptor BSP fixed female x BSP fixed female, 2" BSP	£39.54	€ 44.68
BUR09019	Hydraulic adaptor BSP fixed female x BSP fixed female, 2-1/2" BSP	£108.49	€ 122.59

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## TEES & CROSS ADAPTORS

### BSP MALE TEE CONE SEATING

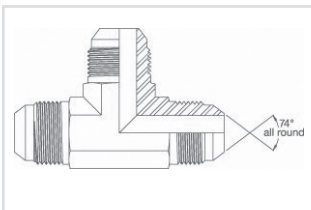
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01901	Hydraulic adaptor BSP male tee cone seating, 1/4" BSP	£5.15	€ 5.81
BUR01902	Hydraulic adaptor BSP male tee cone seating, 3/8" BSP	£7.43	€ 8.40
BUR01903	Hydraulic adaptor BSP male tee cone seating, 1/2" BSP	£8.59	€ 9.71
BUR01905	Hydraulic adaptor BSP male tee cone seating, 3/4" BSP	£10.15	€ 11.47
BUR01906	Hydraulic adaptor BSP male tee cone seating, 1" BSP	£22.06	€ 24.93
BUR01908	Hydraulic adaptor BSP male tee cone seating, 1-1/2" BSP	£61.51	€ 69.51
BUR01909	Hydraulic adaptor BSP male tee cone seating, 2" BSP	£116.89	€ 132.08

### BSP MALE FORGED TEE

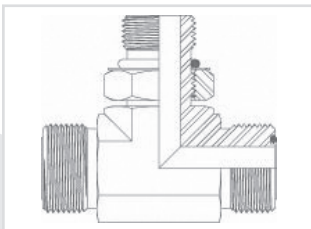
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01949FD	Hydraulic adaptor JIC male forged tee, 3/8 JIC	£9.80	€ 11.07
BUR01950FD	Hydraulic adaptor JIC male forged tee, 7/16 JIC	£14.95	€ 16.90
BUR01951	Hydraulic adaptor JIC male forged tee, 1/2 JIC	£15.11	€ 17.07
BUR01952	Hydraulic adaptor JIC male forged tee, 9/16 JIC	£15.97	€ 18.05
BUR01953FD	Hydraulic adaptor JIC male forged tee, 3/4 JIC	£19.94	€ 22.53
BUR01954FD	Hydraulic adaptor JIC male forged tee, 7/8 JIC	£26.50	€ 29.95
BUR01955FD	Hydraulic adaptor JIC male forged tee, 1-1/16 JIC	£32.68	€ 36.92

### ORFS MALE X ORFS MALE X UNF MALE POSITIONAL TEE

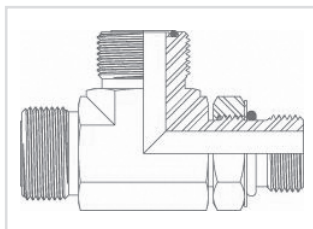
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR9715-04-04-04	Hydraulic ORFS male x ORFS male x UNF male positional tee, 9/16 ORFS X 9/16 ORFS X 7/16 UNF	£19.46	€ 21.99
BUR9715-06-06-06	Hydraulic ORFS male x ORFS male x UNF male positional tee, 11/16 ORFS X 11/16 ORFS X 9/16 UNF	£23.25	€ 26.27
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	£23.91	€ 27.02
BUR9715-10-10-10	Hydraulic ORFS male x ORFS male x UNF male positional tee, 1 ORFS X 1 ORFS X 7/8 UNF	£37.38	€ 42.24
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	£55.16	€ 62.33
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	£85.30	€ 96.39
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	£168.36	€ 190.24
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	£97.62	€ 110.31

## ORFS MALE X UNF MALE X ORFS MALE TEE

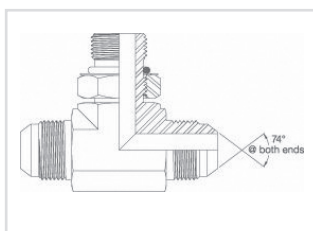
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR9716-04-04-04	Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 9/16 ORFS X 7/16 UNF X 9/16 ORFS	£19.11	€ 21.59
BUR9716-06-06-06	Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 11/16 ORFS X 9/16 UNF X 11/16 ORFS	£22.87	€ 25.84
BUR9716-08-08-08	Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 13/16 ORFS X 3/4 UNF X 13/16 ORFS	£25.07	€ 28.33
BUR9716-10-10-10	Hydraulic adaptor ORFS male x UNF male x ORFS male tee, 1 ORFS X 7/8 UNF X 1 ORFS	£37.36	€ 42.22
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	£58.20	€ 65.77
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	£84.91	€ 95.95
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	£172.43	€ 194.85
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	£97.62	€ 110.31

## JIC MALE X JIC MALE X UNF MALE POSITIONAL TEE

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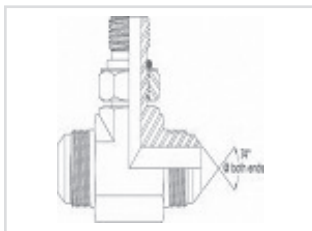
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR10715-04-04-04	Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 7/16 JIC X 7/16 JIC X 7/16 UNF	£18.65	€ 21.07
BUR10715-05-05-05	Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 1/2 JIC X 1/2 JIC X 1/2 UNF	£20.14	€ 22.76
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	£20.14	€ 22.76
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	£23.25	€ 26.27
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	£29.64	€ 33.49
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	£54.69	€ 61.80
BUR10715-14-14-14	Hydraulic adaptor JIC male X JIC male X UNF male positional tee, 1-3/16 JIC X 1-3/16 JIC X 1-3/16 UNF	£61.41	€ 69.40
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	£79.50	€ 89.83
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 1-5/8 UNF	£165.03	€ 186.48
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	£210.39	€ 237.74

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## JIC MALE X UNF POSITIONAL MALE X JIC MALE TEE

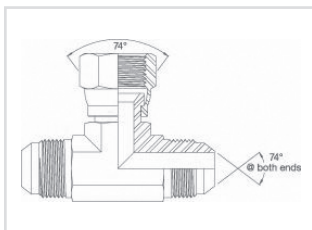
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR10716-04-04-04	Hydraulic adaptor JIC male x UNF positional male x JIC male, 7/16 JIC X 7/16 UNF X 7/16 JIC	£18.65	€ 21.07
BUR10716-05-05-05	Hydraulic adaptor JIC male x UNF positional male x JIC male, 1/2 JIC X 1/2 UNF X 1/2 JIC	£20.14	€ 22.76
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	£20.14	€ 22.76
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	£23.25	€ 26.27
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	£54.64	€ 61.75
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	£61.41	€ 69.40
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	£79.50	€ 89.83
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	£165.83	€ 187.38
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	£210.39	€ 237.74

## JIC MALE X JIC MALE X JIC SWIVEL FEMALE BRANCH FORGED TEE

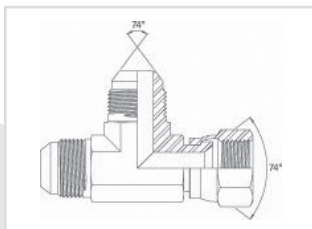
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR02053FD	Hydraulic adaptor JIC male x JIC male x JIC swivel female branch forged tee, 7/16 JIC	£18.56	€ 20.98
BUR02050FD	Hydraulic adaptor JIC male x JIC male x JIC swivel female branch forged tee, 9/16 JIC	£18.56	€ 20.98
BUR02051FD	Hydraulic adaptor JIC male x JIC male x JIC swivel female branch forged tee, 3/4 JIC	£23.76	€ 26.85
BUR02054FD	Hydraulic adaptor JIC male x JIC male x JIC swivel female branch forged tee, 1-1/16 JIC	£54.56	€ 61.65

## JIC MALE X JIC SWIVEL FEMALE X JIC MALE BRANCH FORGED TEE

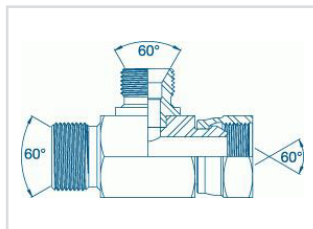
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR12040FD	Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 7/16 JIC	£18.56	€ 20.98
BUR12042FD	Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 9/16 JIC	£18.56	€ 20.98
BUR12043FD	Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 3/4 JIC	£23.02	€ 26.01
BUR12044FD	Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 7/8 JIC	£29.47	€ 33.31
BUR12045FD	Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 1-1/16 JIC	£55.51	€ 62.73
BUR12046FD	Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 1-5/16 JIC	£73.47	€ 83.02
BUR12047FD	Hydraulic adaptor JIC male x JIC swivel female x JIC male brach forged tee, 1-5/8 JIC	£164.93	€ 186.38

## BSP MALE X BSP SWIVEL FEMALE X BSP MALE BRANCH TEE REDUCING ON BRANCH

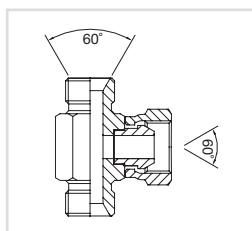
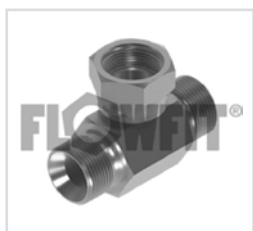
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR02035	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 3/8" BSP X 3/8" BSP X 1/4" BSP	£21.88	€ 24.73
BUR02036	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 3/8" BSP X 1/2" BSP X 1/2" BSP	£26.58	€ 30.03
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	£26.70	€ 30.17
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	£26.70	€ 30.17
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	£43.35	€ 48.99
BUR02037	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 3/4" BSP X 3/4" BSP X 1/2" BSP	£43.35	€ 48.99
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	£43.35	€ 48.99
BUR02023	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee-reducing on branch, 1" BSP X 1" BSP X 1/4" BSP	£52.84	€ 59.70
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 X 3/8" BSP	£21.48	€ 24.28
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	£59.06	€ 66.74
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	£52.83	€ 59.69
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	£46.74	€ 52.81
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	£46.74	€ 52.81

## BSP MALE X BSP MALE X BSP SWIVEL FEMALE BRANCH TEE

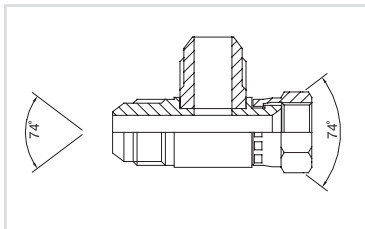
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR02000	Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1/8" BSP	£7.51	€ 8.48
BUR02001	Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1/4" BSP	£7.83	€ 8.85
BUR02002	Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 3/8" BSP	£8.74	€ 9.87
BUR02003	Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1/2" BSP	£10.27	€ 11.60
BUR02004	Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 5/8" BSP	£14.09	€ 15.92
BUR02005	Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 3/4" BSP	£16.24	€ 18.36
BUR02006	Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1" BSP	£22.22	€ 25.11
BUR02007	Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1-1/4" BSP	£54.87	€ 62.01
BUR02012	Hydraulic adaptor BSP male x BSP male x BSP swivel female branch tee, 1-1/2" BSP	£74.62	€ 84.32

## JIC MALE X JIC SWIVEL FEMALE X JIC MALE BRANCH TEE

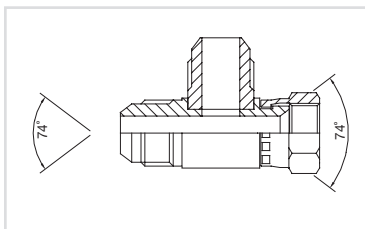
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR12040	Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 7/16" JIC	£9.43	€ 10.65
BUR12041	Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 1/2" JIC	£9.43	€ 10.65
BUR12042	Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 9/16" JIC	£9.43	€ 10.65
BUR12043	Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 3/4" JIC	£11.68	€ 13.19
BUR12044	Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 7/8" JIC	£14.99	€ 16.94
BUR12045	Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 1-1/16" JIC	£27.71	€ 31.31
BUR12046	Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 1-5/16" JIC	£40.29	€ 45.53
BUR12047	Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 1-5/8" JIC	£83.94	€ 94.85
BUR12048	Hydraulic adaptor JIC male x JIC swivel female x JIC male branch tee, 1-7/8" JIC	£108.89	€ 123.04

## ORFS MALE X ORFS SWIVEL FEMALE X ORFS MALE TEE

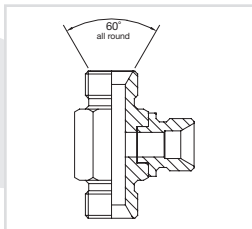
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR9706-04-04-04	Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 9/16 ORFS	£18.92	€ 21.38
BUR9706-06-06-06	Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 11/16 ORFS	£23.36	€ 26.40
BUR9706-08-08-08	Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 13/16 ORFS	£28.41	€ 32.11
BUR9706-10-10-10	Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 1 ORFS	£41.90	€ 47.34
BUR9706-12-12-12	Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 1-3/16 ORFS	£54.74	€ 61.85
BUR9706-16-16-16	Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 1-7/16 ORFS	£80.68	€ 91.17
BUR9706-20-20-20	Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 1-11/16 ORFS	£113.09	€ 127.79
BUR9706-24-24-24	Hydraulic adaptor ORFS male x ORFS swivel female x ORFS male, 2 ORFS	£194.65	€ 219.95

## BSP MALE TEE FOR BONDED SEAL

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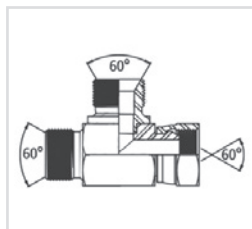
PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01932	Hydraulic adaptor BSP male tee for bonded seal, 1/8" BSP	£6.97	€ 7.88
BUR01925	Hydraulic adaptor BSP male tee for bonded seal, 1/4" BSP	£6.15	€ 6.95
BUR01926	Hydraulic adaptor BSP male tee for bonded seal, 3/8" BSP	£7.98	€ 9.02

Continued on next page

PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01929	Hydraulic adaptor BSP male tee for bonded seal, 3/4" BSP	£13.76	€ 15.54
BUR01930	Hydraulic adaptor BSP male tee for bonded seal, 1" BSP	£23.97	€ 27.09
BUR01931	Hydraulic adaptor BSP male tee for bonded seal, 1-1/4" BSP	£51.61	€ 58.32
BUR01938	Hydraulic adaptor BSP male tee for bonded seal, 1-1/2" BSP	£149.37	€ 168.79
BUR01939	Hydraulic adaptor BSP male tee for bonded seal, 2" BSP	£200.75	€ 226.85

## BSP MALE X BSP SWIVEL FEMALE X BSP MALE BRANCH TEE

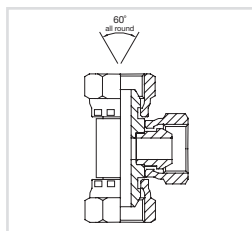
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR02033	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1/8" BSP	£9.88	€ 11.16
BUR02025	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1/4" BSP	£9.79	€ 11.06
BUR02026	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 3/8" BSP	£10.86	€ 12.27
BUR02027	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1/2" BSP	£13.24	€ 14.96
BUR02028	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 5/8" BSP	£19.83	€ 22.41
BUR02029	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 3/4" BSP	£21.64	€ 24.45
BUR02030	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1" BSP	£26.36	€ 29.78
BUR02034	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1-1/4" BSP	£54.87	€ 62.01
BUR02020	Hydraulic adaptor BSP male x BSP swivel female x BSP male branch tee, 1-1/2" BSP	£93.73	€ 105.92

## BSP SWIVEL FEMALE TEE

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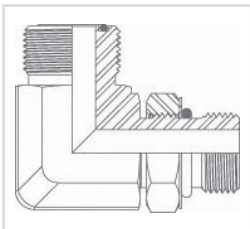


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR01975	Hydraulic adaptor BSP swivel female, 1/8" BSP	£7.43	€ 8.40
BUR01976	Hydraulic adaptor BSP swivel female, 1/4" BSP	£7.83	€ 8.85
BUR01977	Hydraulic adaptor BSP swivel female, 3/8" BSP	£8.74	€ 9.87
BUR01978	Hydraulic adaptor BSP swivel female, 1/2" BSP	£10.37	€ 11.72
BUR01979	Hydraulic adaptor BSP swivel female, 5/8" BSP	£14.41	€ 16.28
BUR01980	Hydraulic adaptor BSP swivel female, 3/4" BSP	£16.43	€ 18.57
BUR01981	Hydraulic adaptor BSP swivel female, 1" BSP	£22.44	€ 25.36
BUR01982	Hydraulic adaptor BSP swivel female, 1-1/4" BSP	£61.68	€ 69.70
BUR01983	Hydraulic adaptor BSP swivel female, 1-1/2" BSP	£107.69	€ 121.69
BUR01984	Hydraulic adaptor BSP swivel female, 2" BSP	£139.65	€ 157.80

## ELBOW ADAPTORS

### ORFS MALE X BSP MALE 90° POSITIONAL FORGED ELBOW

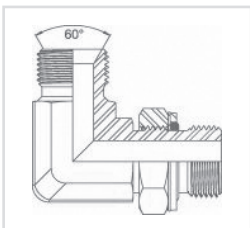
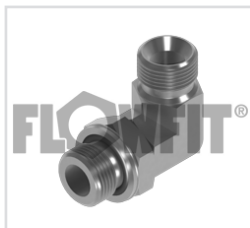
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR9515-04-04B	Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 9/16 ORFS X 1/4" BSP	£18.76	€ 21.20
BUR9515-06-06B	Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 11/16 ORFS X 3/8" BSP	£22.68	€ 25.63
BUR9515-08-06B	Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 13/16 ORFS X 3/8" BSP	£24.33	€ 27.49
BUR9515-08-08B	Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 13/16 ORFS X 1/2" BSP	£26.58	€ 30.03
BUR9515-10-08B	Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 1 ORFS X 1/2" BSP	£28.50	€ 32.20
BUR9515-10-10B	Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 1 ORFS X 5/8" BSP	£29.78	€ 33.65
BUR9515-12-08B	Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 1-3/16 ORFS X 1/2" BSP	£36.62	€ 41.39
BUR9515-12-12B	Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 1-3/16 ORFS X 3/4" BSP	£36.62	€ 41.39
BUR9515-16-16B	Hydraulic adaptors ORFS male x BSP male 90° positional forged elbow, 1-7/16 ORFS X 1" BSP	£52.41	€ 59.22

### BSP MALE X BSP MALE 90° POSITIONAL FORGED ELBOW

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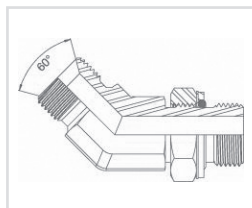
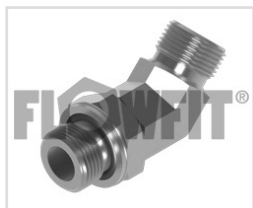


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR03051FDPOS	Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 1/4" BSP	£20.44	€ 23.10
BUR03053FDPOS	Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 3/8" BSP	£24.74	€ 27.95
BUR03054FDPOS	Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 1/2" BSP	£29.33	€ 33.14
BUR03056FDPOS	Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 3/4" BSP	£39.32	€ 44.43
BUR03057FDPOS	Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 1" BSP	£52.59	€ 59.43
BUR03058FDPOS	Hydraulic adaptor BSP male x BSP male 90° positional forged elbow, 1-1/4" BSP	£85.30	€ 96.39



## BSP MALE X BSP MALE 45° POSITIONAL FORGED ELBOW

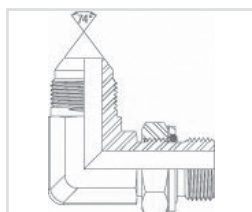
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR03051FDPOS-45	Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 1/4" BSP	£20.45	€ 23.11
BUR03053FDPOS-45	Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 3/8" BSP	£24.74	€ 27.95
BUR03054FDPOS-45	Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 1/2" BSP	£29.31	€ 33.12
BUR03056FDPOS-45	Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 3/4" BSP	£39.33	€ 44.45
BUR03057FDPOS-45	Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 1" BSP	£49.52	€ 55.96
BUR03058FDPOS-45	Hydraulic adaptor BSP male x BSP male 45° positional forged elbow, 1-1/4" BSP	£85.23	€ 96.31

## JIC MALE X UNF MALE 90° POSITIONAL FORGED ELBOW

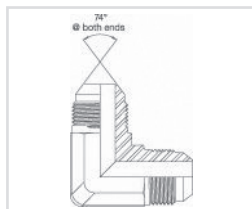
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR03085FDPOS	Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 7/16 JIC X 7/16 UNF	£14.65	€ 16.55
BUR03085-06FDPOS	Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 7/16 JIC X 9/16 UNF	£16.38	€ 18.51
BUR03086FDPOS	Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 1/2 JIC X 1/2 UNF	£14.65	€ 16.55
BUR03087-04FDPOS	Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 9/16 JIC X 7/16 UNF	£17.61	€ 19.90
BUR03087FDPOS	Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 9/16 JIC X 9/16 UNF	£14.65	€ 16.55
BUR03088FDPOS	Hydraulic adaptor JIC male x UNF male 90° positional forged elbow, 3/4 JIC X 3/4 UNF	£21.41	€ 24.19

## JIC MALE X JIC MALE 90° FORGED COMPACT ELBOW

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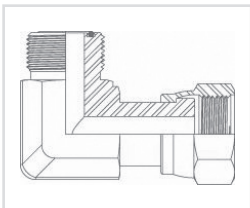


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR03085FD	Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 7/16 JIC X 7/16 JIC	£10.57	€ 11.95
BUR03086FD	Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1/2 JIC X 1/2 JIC	£10.58	€ 11.96
BUR03087FD	Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 9/16 JIC X 9/16 JIC	£11.67	€ 13.18
BUR03088FD	Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 3/4 JIC X 3/4 JIC	£16.22	€ 18.33
BUR03089FD	Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 7/8 JIC X 7/8 JIC	£17.17	€ 19.40
BUR03090FD	Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1-1/16 JIC X 1-1/16 JIC	£20.14	€ 22.76
BUR03091FD	Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1-3/16 JIC X 1-3/16 JIC	£39.77	€ 44.94
BUR03092FD	Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1-5/16 JIC X 1-5/16 JIC	£39.77	€ 44.94
BUR03094FD	Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1-5/8 JIC X 1-5/8 JIC	£78.95	€ 89.21
BUR03093FD	Hydraulic adaptor JIC male x JIC male 90° forged compact elbow, 1-7/8 JIC X 1-7/8 JIC	£125.88	€ 142.25



## ORFS MALE X ORFS SWIVEL FEMALE 90° FORGED COMPACT ELBOW

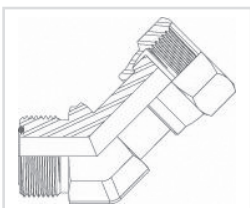
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR9506-04-04	Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 9/16 ORFS	£16.29	€ 18.40
BUR9506-06-06	Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 11/16 ORFS	£21.17	€ 23.92
BUR9506-08-08	Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 13/16 ORFS	£26.70	€ 30.17
BUR9506-10-10	Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 1 ORFS	£31.35	€ 35.43
BUR9506-12-12	Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 1-3/16 ORFS	£47.18	€ 53.31
BUR9506-16-16	Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 1-7/16 ORFS	£62.97	€ 71.15
BUR9506-20-20	Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 1-11/16 ORFS	£83.22	€ 94.04
BUR9506-24-24	Hydraulic adaptor ORFS male x ORFS swivel female 90° forged compact elbow, 2 ORFS	£139.92	€ 158.11

## ORFS MALE X ORFS SWIVEL FEMALE 45° FORGED COMPACT ELBOW

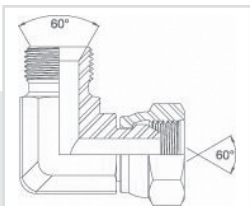
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR9356-04-04	Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 9/16 ORFS	£16.29	€ 18.40
BUR9356-06-06	Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 11/16 ORFS	£20.50	€ 23.16
BUR9356-08-08	Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 13/16 ORFS	£26.66	€ 30.13
BUR9356-10-10	Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 1 ORFS	£31.36	€ 35.44
BUR9356-12-12	Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 1-3/16 ORFS	£47.18	€ 53.31
BUR9356-16-16	Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 1-7/16 ORFS	£62.97	€ 71.15
BUR9356-20-20	Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 1-11/16 ORFS	£82.25	€ 92.94
BUR9356-24-24	Hydraulic adaptor ORFS male x ORFS swivel female 45° forged compact elbow, 2 ORFS	£61.90	€ 69.94

## BSP MALE X BSP SWIVEL FEMALE 90° FORGED COMPACT ELBOW

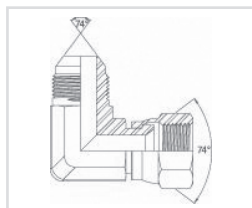
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR05000FD	Hydraulic adaptor BSP male x BSP swivel female 90° forged compact elbow, 1/4" BSP X 1/4" BSP	£11.69	€ 13.21
BUR05001FD	Hydraulic adaptor BSP male x BSP swivel female 90° forged compact elbow, 3/8" BSP X 3/8" BSP	£13.91	€ 15.72
BUR05002FD	Hydraulic adaptor BSP male x BSP swivel female 90° forged compact elbow, 1/2" BSP X 1/2" BSP	£9.58	€ 10.82
BUR05004FD	Hydraulic adaptor BSP male x BSP swivel female 90° forged compact elbow, 3/4" BSP X 3/4" BSP	£26.53	€ 29.98
BUR05005FD	Hydraulic adaptor BSP male x BSP swivel female 90° forged compact elbow, 1" BSP X 1" BSP	£41.13	€ 46.48

## JIC MALE X JIC SWIVEL FEMALE 90° FORGED COMPACT ELBOW

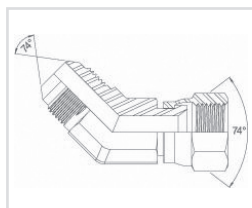
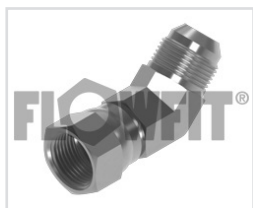
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR05050FD	Hydraulic adaptor JIC male x JIC swivel female 90° forged compact elbow, 7/16 JIC X 7/16 JIC	£14.56	€ 16.46
BUR05051FD	Hydraulic adaptor JIC male x JIC swivel female 90° forged compact elbow, 1/2 JIC X 1/2 JIC	£15.35	€ 17.35
BUR05052FD	Hydraulic adaptor JIC male x JIC swivel female 90° forged compact elbow, 9/16 JIC X 9/16 JIC	£15.96	€ 18.03
BUR05053FD	Hydraulic adaptor JIC male x JIC swivel female 90° forged compact elbow, 3/4 JIC X 3/4 JIC	£20.14	€ 22.76
BUR05054FD	Hydraulic adaptor JIC male x JIC swivel female 90° forged compact elbow, 7/8 JIC X 7/8 JIC	£26.18	€ 29.58
BUR05055FD	Hydraulic adaptor JIC male x JIC swivel female 90° forged compact elbow, 1-1/16 JIC X 1-1/16 JIC	£34.22	€ 38.67
BUR05057FD	Hydraulic adaptor JIC male x JIC swivel female 90° forged compact elbow, 1-3/16 JIC X 1-3/16 JIC	£51.94	€ 58.70
BUR05056FD	Hydraulic adaptor JIC male x JIC swivel female 90° forged compact elbow, 1-5/16 JIC X 1-5/16 JIC	£62.65	€ 70.80
BUR05059FD	Hydraulic adaptor JIC male x JIC swivel female 90° forged compact elbow, 1-7/8 JIC X 1-7/8 JIC	£176.54	€ 199.49

## JIC MALE X JIC SWIVEL FEMALE 45° FORGED COMPACT ELBOW

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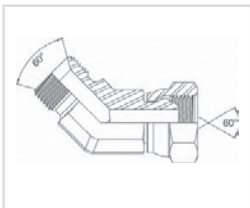


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR05050/45FD	Hydraulic JIC male x JIC swivel female 45° forged compact elbow, 7/16 JIC X 7/16 JIC	£15.03	€ 16.98
BUR05051/45FD	Hydraulic JIC male x JIC swivel female 45° forged compact elbow, 1/2 JIC X 1/2 JIC	£15.35	€ 17.35
BUR05052/45FD	Hydraulic JIC male x JIC swivel female 45° forged compact elbow, 9/16 JIC X 9/16 JIC	£16.71	€ 18.88
BUR05053/45FD	Hydraulic JIC male x JIC swivel female 45° forged compact elbow, 3/4 JIC X 3/4 JIC	£20.69	€ 23.37
BUR05054/45FD	Hydraulic JIC male x JIC swivel female 45° forged compact elbow, 7/8 JIC X 7/8 JIC	£27.20	€ 30.73
BUR05055/45FD	Hydraulic JIC male x JIC swivel female 45° forged compact elbow, 1-1/16 JIC X 1-1/16 JIC	£34.92	€ 39.46
BUR05056/45FD	Hydraulic JIC male x JIC swivel female 45° forged compact elbow, 1-5/16 JIC X 1-5/16 JIC	£62.65	€ 70.80
BUR05058/45FD	Hydraulic JIC male x JIC swivel female 45° forged compact elbow, 1-5/8 JIC X 1-5/8 JIC	£103.61	€ 117.08
BUR05059/45FD	Hydraulic JIC male x JIC swivel female 45° forged compact elbow, 1-7/8 JIC X 1-7/8 JIC	£176.86	€ 199.85



## BSP MALE X BSP SWIVEL FEMALE 45° FORGED COMPACT ELBOW

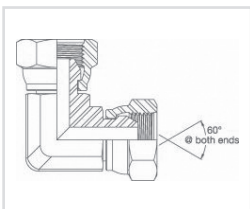
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR05000/45FD	Hydraulic adaptor BSP male x BSP swivel female 45° forged compact elbow, 1/4" BSP X 1/4" BSP	£10.97	€ 12.40
BUR5001/45FD	Hydraulic adaptor BSP male x BSP swivel female 45° forged compact elbow, 3/8 BSP X 3/8 BSP	£13.41	€ 15.15
BUR05002/45FD	Hydraulic adaptor BSP male x BSP swivel female 45° forged compact elbow, 1/2 BSP X 1/2 BSP	£16.71	€ 18.88
BUR05004/45FD	Hydraulic adaptor BSP male x BSP swivel female 45° forged compact elbow, 3/4 BSP X 3/4 BSP	£27.20	€ 30.73
BUR05005/45FD	Hydraulic adaptor BSP male x BSP swivel female 45° forged compact elbow, 1 BSP X 1 BSP	£39.24	€ 44.34

## BSP SWIVEL FEMALE X BSP SWIVEL FEMALE 90° FORGED COMPACT ELBOW

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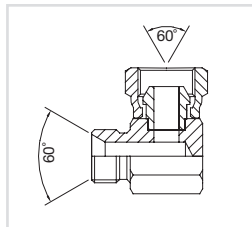


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR05026FD	Hydraulic adaptor BSP swivel female x BSP swivel female 90° forged compact elbow, 1/4" BSP X 1/4" BSP	£14.73	€ 16.65
BUR05027FD	Hydraulic adaptor BSP swivel female x BSP swivel female 90° forged compact elbow, 3/8" BSP X 3/8" BSP	£15.19	€ 17.17
BUR05028FD	Hydraulic adaptor BSP swivel female x BSP swivel female 90° forged compact elbow, 1/2" BSP X 1/2" BSP	£20.14	€ 22.76
BUR05030FD	Hydraulic adaptor BSP swivel female x BSP swivel female 90° forged compact elbow, 3/4" BSP X 3/4" BSP	£29.40	€ 33.22
BUR05031FD	Hydraulic adaptor BSP swivel female x BSP swivel female 90° forged compact elbow, 1" BSP X 1" BSP	£36.42	€ 41.16

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## BSP MALE FOR BONDED SEAL X BSP SWIVEL FEMALE 90° COMPACT ELBOW

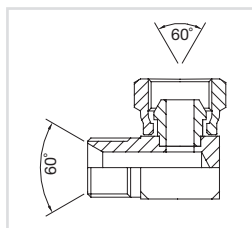
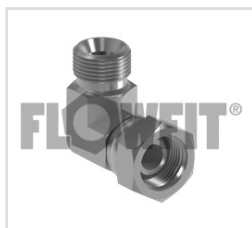
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**HA01**



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	£5.53	€ 6.25
BUR04014	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/4" BSP x 1/4" BSP	£5.53	€ 6.25
BUR04013	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 3/8" BSP x 1/4" BSP	£7.86	€ 8.89
BUR04015	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 3/8" BSP x 3/8" BSP	£7.86	€ 8.89
BUR04021	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/2" BSP x 3/8" BSP	£8.44	€ 9.54
BUR04016	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/2" BSP x 1/2" BSP	£8.44	€ 9.54
BUR04024	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/2" BSP x 5/8" BSP	£12.34	€ 13.94
BUR04011	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1/2" BSP x 3/4" BSP	£12.13	€ 13.70
BUR04020	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 5/8" BSP x 5/8" BSP	£11.15	€ 12.60
BUR04022	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 3/4" BSP x 1/2" BSP	£13.88	€ 15.69
BUR04017	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 3/4" BSP x 3/4" BSP	£13.99	€ 15.80
BUR04018	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1" BSP x 1" BSP	£22.79	€ 25.75
BUR04019	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1-1/4" BSP x 1-1/4" BSP	£39.07	€ 44.15
BUR04025	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 1-1/2" BSP x 1-1/2" BSP	£77.21	€ 87.24
BUR04023	Hydraulic adaptor BSP male bonded seal x BSP swivel female 90° compact elbow, 2" BSP x 2" BSP	£108.72	€ 122.85

## BSP MALE CONE SEAT X BSP SWIVEL FEMALE 90° COMPACT ELBOW

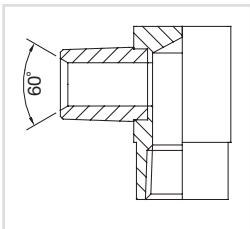
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR05013	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/4" BSP x 1/8" BSP	£5.53	€ 6.25
BUR05000	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/4" BSP x 1/4" BSP	£5.53	€ 6.25
BUR05006	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/4" BSP x 3/8" BSP	£7.86	€ 8.89
BUR05014	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 3/8" BSP x 1/4" BSP	£7.86	€ 8.89
BUR05001	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 3/8" BSP x 3/8" BSP	£6.80	€ 7.69
BUR05011	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 3/8" BSP x 1/2" BSP	£8.44	€ 9.54
BUR05015	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/2" BSP x 3/8" BSP	£8.44	€ 9.54
BUR05002	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/2" BSP x 1/2" BSP	£8.44	€ 9.54
BUR05012	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/2" BSP x 3/4" BSP	£13.36	€ 15.09
BUR05017	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1/2" BSP x 1" BSP	£19.92	€ 22.51
BUR05004	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 3/4" BSP x 3/4" BSP	£12.82	€ 14.49
BUR05010	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 3/4" BSP x 1" BSP	£19.92	€ 22.51
BUR05009	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1" BSP x 3/4" BSP	£19.92	€ 22.51
BUR05005	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1" BSP x 1" BSP	£19.92	€ 22.51
BUR05007	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 1-1/2" BSP x 1-1/2" BSP	£75.00	€ 84.75
BUR05008	Hydraulic adaptors BSP male cone seat x BSP swivel female 90° compact elbow, 2" BSP x 2" BSP	£102.17	€ 115.45

# NPTF MALE X NPTF FIXED FEMALE 90° COMPACT ELBOW

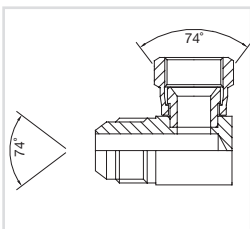
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR07050	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/8" NPTF x 1/8" NPTF	£12.72	€ 14.37
BUR07051	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/4" NPTF x 1/4" NPTF	£12.72	€ 14.37
BUR07047	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/4" NPTF x 3/8" NPTF	£14.67	€ 16.58
BUR07048	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 3/8" NPTF x 1/4" NPTF	£14.67	€ 16.58
BUR07052	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 3/8" NPTF x 3/8" NPTF	£14.67	€ 16.58
BUR07046	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/2" NPTF x 1/4" NPTF	£18.06	€ 20.41
BUR07049	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/2" NPTF x 1/4" NPTF	£18.06	€ 20.41
BUR07053	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1/2" NPTF x 1/2" NPTF	£18.06	€ 20.41
BUR07045	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 3/4" NPTF x 3/8" NPTF	£25.08	€ 28.35
BUR07054	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 3/4" NPTF x 3/4" NPTF	£25.08	€ 28.35
BUR07055	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1" NPTF x 1" NPTF	£39.78	€ 44.96
BUR07056	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1-1/4" NPTF x 1-1/4" NPTF	£63.69	€ 71.97
BUR07057	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 1-1/2" NPTF x 1-1/2" NPTF	£77.21	€ 87.24
BUR07058	Hydraulic adaptor NPTF male x NPTF fixed female 90° elbow, 2" NPTF x 2" NPTF	£134.93	€ 152.47

# JIC MALE X JIC SWIVEL FEMALE 90° COMPACT ELBOW

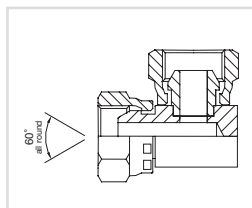
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR05050	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 7/16" JIC x 7/16" JIC	£7.39	€ 8.35
BUR05051	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1/2" JIC x 1/2" JIC	£7.83	€ 8.85
BUR05052	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 9/16" JIC x 9/16" JIC	£8.14	€ 9.20
BUR05053	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 3/4" JIC x 3/4" JIC	£10.21	€ 11.53
BUR05062	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 3/4" JIC x 7/8" JIC	£13.28	€ 15.01
BUR05061	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 7/8" JIC x 3/4" JIC	£13.28	€ 15.01
BUR05054	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 7/8" JIC x 7/8" JIC	£13.28	€ 15.01
BUR05055	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1-1/16" JIC x 1-1/16" JIC	£17.42	€ 19.68
BUR05057	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1-3/16" JIC x 1-3/16" JIC	£26.42	€ 29.85
BUR05056	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1-5/16" JIC x 1-5/16" JIC	£31.41	€ 35.49
BUR05058	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1-5/8" JIC x 1-5/8" JIC	£41.08	€ 46.42
BUR05059	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 1-7/8" JIC x 1-7/8" JIC	£90.21	€ 101.93
BUR05063	Hydraulic adaptor JIC male x JIC swivel female 90° compact elbow, 2-1/2" JIC x 2-1/2" JIC	£114.98	€ 129.92

## BSP SWIVEL FEMALE X BSP SWIVEL FEMALE 90° COMPACT ELBOW

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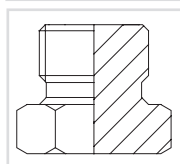


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR05025	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/8" BSP x 1/8" BSP	£7.31	€ 8.26
BUR05036	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/8" BSP x 1/4" BSP	£7.31	€ 8.26
BUR05026	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/4" BSP x 1/4" BSP	£7.31	€ 8.26
BUR05039	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/4" BSP x 3/8" BSP	£7.31	€ 8.26
BUR05037	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/4" BSP x 1/2" BSP	£10.00	€ 11.30
BUR05027	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 3/8" BSP x 3/8" BSP	£7.39	€ 8.35
BUR05035	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 3/8" BSP x 1/2" BSP	£10.00	€ 11.30
BUR05028	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/2" BSP x 1/2" BSP	£10.00	€ 11.30
BUR05040	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1/2" BSP x 3/4" BSP	£14.09	€ 15.92
BUR05029	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 5/8" BSP x 5/8" BSP	£12.34	€ 13.94
BUR05030	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 3/4" BSP x 3/4" BSP	£14.10	€ 15.93
BUR05038	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 3/4" BSP x 1" BSP	£17.42	€ 19.68
BUR05031	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1" BSP x 1" BSP	£17.42	€ 19.68
BUR05032	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1-1/4" BSP x 1-1/4" BSP	£40.29	€ 45.53
BUR05033	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 1-1/2" BSP x 1-1/2" BSP	£89.58	€ 101.22
BUR05034	Hydraulic adaptor BSP swivel female x BSP swivel female 90° compact elbow, 2" BSP x 2" BSP	£125.93	€ 142.30

## PLUGS, CAPS & CRIMP NUTS

### BSP SOLID PLUG

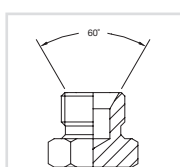
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09025	Hydraulic adaptor BSP solid plug, 1/8" BSP	£1.06	€ 1.20
BUR09026	Hydraulic adaptor BSP solid plug, 1/4" BSP	£1.10	€ 1.25
BUR09027	Hydraulic adaptor BSP solid plug, 3/8" BSP	£1.44	€ 1.63
BUR09028	Hydraulic adaptor BSP solid plug, 1/2" BSP	£1.59	€ 1.79
BUR09029	Hydraulic adaptor BSP solid plug, 5/8" BSP	£2.22	€ 2.50
BUR09030	Hydraulic adaptor BSP solid plug, 3/4" BSP	£2.49	€ 2.81
BUR09031	Hydraulic adaptor BSP solid plug, 1" BSP	£3.73	€ 4.21
BUR09032	Hydraulic adaptor BSP solid plug, 1-1/4" BSP	£8.44	€ 9.54
BUR09033	Hydraulic adaptor BSP solid plug, 1-1/2" BSP	£11.68	€ 13.19
BUR09034	Hydraulic adaptor BSP solid plug, 2" BSP	£18.28	€ 20.66

### BSP 60° CONED PLUG

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**HA01**

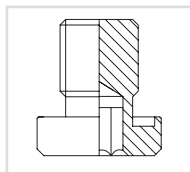


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09050	Hydraulic adaptor 60° BSP coned plug, 1/8" BSP	£1.06	€ 1.20
BUR09051	Hydraulic adaptor 60° BSP coned plug, 1/4" BSP	£1.10	€ 1.25
BUR09052	Hydraulic adaptor 60° BSP coned plug, 3/8" BSP	£1.44	€ 1.63
BUR09053	Hydraulic adaptor 60° BSP coned plug, 1/2" BSP	£1.62	€ 1.83
BUR09054	Hydraulic adaptor 60° BSP coned plug, 5/8" BSP	£2.30	€ 2.60
BUR09055	Hydraulic adaptor 60° BSP coned plug, 3/4" BSP	£2.61	€ 2.95
BUR09056	Hydraulic adaptor 60° BSP coned plug, 1" BSP	£3.90	€ 4.40
BUR09057	Hydraulic adaptor 60° BSP coned plug, 1-1/4" BSP	£8.59	€ 9.71
BUR09058	Hydraulic adaptor 60° BSP coned plug, 1-1/2" BSP	£12.10	€ 13.67
BUR09059	Hydraulic adaptor 60° BSP coned plug, 2" BSP	£18.61	€ 21.02
BUR09060	Hydraulic adaptor 60° BSP coned plug, 2-1/2" BSP	£50.12	€ 56.63
BUR09061	Hydraulic adaptor 60° BSP coned plug, 3" BSP	£71.98	€ 81.33



## BSP SOCKET HEADED PLUG WITH 3869 SEAL

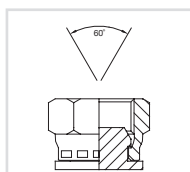
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR3869-02-SPG	Hydraulic adaptor BSP socket headed plug with 3869 seal, 1/8" BSP	£1.10	€ 1.25
BUR3869-04-SPG	Hydraulic adaptor BSP socket headed plug with 3869 seal, 1/4" BSP	£1.40	€ 1.58
BUR3869-06-SPG	Hydraulic adaptor BSP socket headed plug with 3869 seal, 3/8" BSP	£1.71	€ 1.93
BUR3869-08-SPG	Hydraulic adaptor BSP socket headed plug with 3869 seal, 1/2" BSP	£2.67	€ 3.01
BUR3869-12-SPG	Hydraulic adaptor BSP socket headed plug with 3869 seal, 3/4" BSP	£3.27	€ 3.69

## BSP SWIVEL BLANKING CAP

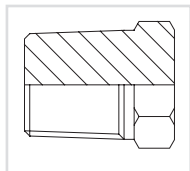
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09180	Hydraulic adaptor BSP swivel blanking cap, 1/8" BSP	£2.22	€ 2.50
BUR09181	Hydraulic adaptor BSP swivel blanking cap, 1/4" BSP	£2.02	€ 2.28
BUR09182	Hydraulic adaptor BSP swivel blanking cap, 3/8" BSP	£2.22	€ 2.50
BUR09183	Hydraulic adaptor BSP swivel blanking cap, 1/2" BSP	£2.46	€ 2.78
BUR09184	Hydraulic adaptor BSP swivel blanking cap, 5/8" BSP	£3.09	€ 3.49
BUR09185	Hydraulic adaptor BSP swivel blanking cap, 3/4" BSP	£3.94	€ 4.45
BUR09186	Hydraulic adaptor BSP swivel blanking cap, 1" BSP	£5.89	€ 6.66
BUR09187	Hydraulic adaptor BSP swivel blanking cap, 1-1/4" BSP	£9.79	€ 11.06
BUR09188	Hydraulic adaptor BSP swivel blanking cap, 1-1/2" BSP	£15.84	€ 17.90
BUR09189	Hydraulic adaptor BSP swivel blanking cap, 2" BSP	£31.96	€ 36.12

## NPTF SOLID PLUG

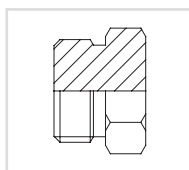
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TECH. DATA SHEET  
**HA01**



PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09100	Hydraulic adaptor NPTF solid plug 1/8" NPTF	£1.10	€ 1.25
BUR09101	Hydraulic adaptor NPTF solid plug, 1/4" NPTF	£1.10	€ 1.25
BUR09102	Hydraulic adaptor NPTF solid plug, 3/8" NPTF	£1.31	€ 1.48
BUR09103	Hydraulic adaptor NPTF solid plug, 1/2" NPTF	£1.77	€ 2.01
BUR09105	Hydraulic adaptor NPTF solid plug, 3/4" NPTF	£3.20	€ 3.62
BUR09106	Hydraulic adaptor NPTF solid plug, 1" NPTF	£5.22	€ 5.90
BUR09107	Hydraulic adaptor NPTF solid plug, 1-1/4" NPTF	£10.89	€ 12.30
BUR09108	Hydraulic adaptor NPTF solid plug, 1-1/2" NPTF	£15.11	€ 17.07
BUR09109	Hydraulic adaptor NPTF solid plug, 2" NPTF	£23.02	€ 26.01
BUR09110	Hydraulic adaptor NPTF solid plug, 2-1/2" NPTF	£88.41	€ 99.90
BUR09111	Hydraulic adaptor NPTF solid plug, 3" NPTF	£115.83	€ 130.88

## SAE O RING BOSS MALE SOLID PLUG

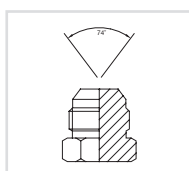
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**HA01**



PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09162	Hydraulic adaptor SAE O'ring boss male solid plug, 5/16" SORB	£1.96	€ 2.22
BUR09150	Hydraulic adaptor SAE O'ring boss male solid plug, 7/16" SORB	£1.62	€ 1.83
BUR09151	Hydraulic adaptor SAE O'ring boss male solid plug, 1/2" SORB	£1.77	€ 2.01
BUR09152	Hydraulic adaptor SAE O'ring boss male solid plug, 9/16" SORB	£1.96	€ 2.22
BUR09161	Hydraulic adaptor SAE O'ring boss male solid plug, 5/8" SORB	£2.12	€ 2.40
BUR09153	Hydraulic adaptor SAE O'ring boss male solid plug, 3/4" SORB	£2.22	€ 2.50
BUR09154	Hydraulic adaptor SAE O'ring boss male solid plug, 7/8" SORB	£2.61	€ 2.95
BUR09155	Hydraulic adaptor SAE O'ring boss male solid plug, 1-1/16" SORB	£3.94	€ 4.45
BUR09156	Hydraulic adaptor SAE O'ring boss male solid plug, 1-3/16" SORB	£4.73	€ 5.34
BUR09157	Hydraulic adaptor SAE O'ring boss male solid plug, 1-5/16" SORB	£6.43	€ 7.26
BUR09158	Hydraulic adaptor SAE O'ring boss male solid plug, 1-5/8" SORB	£12.10	€ 13.67
BUR09159	Hydraulic adaptor SAE O'ring boss male solid plug, 1-7/8" SORB	£16.24	€ 18.36
BUR09160	Hydraulic adaptor SAE O'ring boss male solid plug, 2-1/2" SORB	£23.97	€ 27.09

## JIC SOLID PLUG

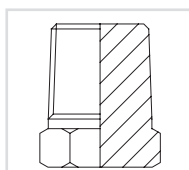
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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09120	Hydraulic adaptor JIC solid plug, 5/16" JIC	£1.96	€ 2.22
BUR09121	Hydraulic adaptor JIC solid plug, 7/16" JIC	£1.62	€ 1.83
BUR09122	Hydraulic adaptor JIC solid plug, 1/2" JIC	£1.71	€ 1.93
BUR09123	Hydraulic adaptor JIC solid plug, 9/16" JIC	£1.96	€ 2.22
BUR09124	Hydraulic adaptor JIC solid plug, 3/4" JIC	£2.02	€ 2.28
BUR09125	Hydraulic adaptor JIC solid plug, 7/8" JIC	£2.30	€ 2.60
BUR09126	Hydraulic adaptor JIC solid plug, 1-1/16" JIC	£3.34	€ 3.77
BUR09127	Hydraulic adaptor JIC solid plug, 1-3/16" JIC	£4.57	€ 5.16
BUR09130	Hydraulic adaptor JIC solid plug, 1-5/16" JIC	£6.73	€ 7.61
BUR09128	Hydraulic adaptor JIC solid plug, 1-5/8" JIC	£10.93	€ 12.35
BUR09129	Hydraulic adaptor JIC solid plug, 1-7/8" JIC	£14.19	€ 16.03
BUR09131	Hydraulic adaptor JIC solid plug, 2-1/2" JIC	£23.42	€ 26.46

## BSPT SOLID PLUG

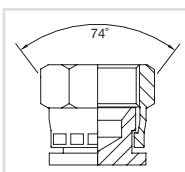
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**HA01**



PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09075	Hydraulic adaptor BSPT solid plug, 1/8" BSPT	£1.10	€ 1.25
BUR09076	Hydraulic adaptor BSPT solid plug, 1/4" BSPT	£1.24	€ 1.40
BUR09077	Hydraulic adaptor BSPT solid plug, 3/8" BSPT	£1.59	€ 1.79
BUR09078	Hydraulic adaptor BSPT solid plug, 1/2" BSPT	£1.62	€ 1.83
BUR09079	Hydraulic adaptor BSPT solid plug, 5/8" BSPT	£2.34	€ 2.65
BUR09080	Hydraulic adaptor BSPT solid plug, 3/4" BSPT	£2.67	€ 3.01
BUR09081	Hydraulic adaptor BSPT solid plug, 1" BSPT	£3.97	€ 4.48
BUR09082	Hydraulic adaptor BSPT solid plug, 1-1/4" BSPT	£8.99	€ 10.16
BUR09083	Hydraulic adaptor BSPT solid plug, 1-1/2" BSPT	£12.55	€ 14.18
BUR09084	Hydraulic adaptor BSPT solid plug, 2" BSPT	£20.90	€ 23.61
BUR09085	Hydraulic adaptor BSPT solid plug, 2-1/2" BSPT	£88.41	€ 99.90

## JIC SWIVEL BLANKING CAP

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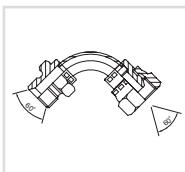


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09200	Hydraulic adaptor JIC swivel blanking cap, 7/16" JIC	£2.34	€ 2.65
BUR09201	Hydraulic adaptor JIC swivel blanking cap, 1/2" JIC	£2.46	€ 2.78
BUR09202	Hydraulic adaptor JIC swivel blanking cap, 9/16" JIC	£2.61	€ 2.95
BUR09203	Hydraulic adaptor JIC swivel blanking cap, 3/4" JIC	£3.09	€ 3.49
BUR09204	Hydraulic adaptor JIC swivel blanking cap, 7/8" JIC	£3.97	€ 4.48
BUR09205	Hydraulic adaptor JIC swivel blanking cap, 1-1/16" JIC	£5.73	€ 6.48
BUR09209	Hydraulic adaptor JIC swivel blanking cap, 1-3/16" JIC	£6.77	€ 7.65
BUR09206	Hydraulic adaptor JIC swivel blanking cap, 1-5/16" JIC	£7.43	€ 8.40
BUR09207	Hydraulic adaptor JIC swivel blanking cap, 1-5/8" JIC	£10.27	€ 11.60
BUR09208	Hydraulic adaptor JIC swivel blanking cap, 1-7/8" JIC	£16.05	€ 18.14
BUR09210	Hydraulic adaptor JIC swivel blanking cap, 2-1/2" JIC	£36.67	€ 41.43

## SWEPTS, PUSH-INS, HOSE-TAILS & FERRULES

### BSP MALE X BSP SWIVEL FEMALE 90° SWEPT ELBOW

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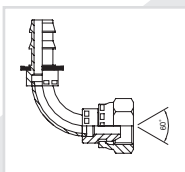


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR06020	Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 1/4" BSP	£5.73	€ 6.48
BUR06021	Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 3/8" BSP	£6.97	€ 7.88
BUR06022	Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 1/2" BSP	£8.44	€ 9.54
BUR06023	Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 5/8" BSP	£11.53	€ 13.03
BUR06024	Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 5/8" BSP	£13.20	€ 14.91
BUR06025	Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 1" BSP	£21.30	€ 24.07
BUR06026	Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 1-1/4" BSP	£33.48	€ 37.84
BUR06027	Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 1-1/2" BSP	£80.58	€ 91.05
BUR06028	Hydraulic adaptor BSP male x BSP swivel female 90° swept elbow, 2" BSP	£116.79	€ 131.97

### BSP SWIVEL FEMALE X PUSH-IN 90° SWEPT

ALL PUSH-INS NOT FOR USE WITH CLIPS OR FERRULES.

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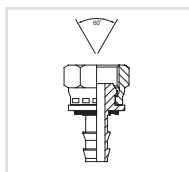


PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09280	Hydraulic adaptor BSP swivel female x push-in 90° swept, 1/4" BSP x 1/4" PI	£6.77	€ 7.65
BUR09281	Hydraulic adaptor BSP swivel female x push-in 90° swept, 3/8" BSP x 3/8" PI	£7.86	€ 8.89
BUR09282	Hydraulic adaptor BSP swivel female x push-in 90° swept, 1/2" BSP x 1/2" PI	£9.51	€ 10.75
BUR09283	Hydraulic adaptor BSP swivel female x push-in 90° swept, 5/8" BSP x 5/8" PI	£12.95	€ 14.63
BUR09284	Hydraulic adaptor BSP swivel female x push-in 90° swept, 3/4" BSP x 3/4" PI	£14.19	€ 16.03
BUR09285	Hydraulic adaptor BSP swivel female x push-in 90° swept, 1" BSP x 1" PI	£27.09	€ 30.61

## BSP SWIVEL FEMALE X PUSH-IN STRAIGHT

ALL PUSH-INS NOT FOR USE WITH CLIPS OR FERRULES.

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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR09240	Hydraulic adaptor BSP swivel female x push-in straight, 1/4" BSP x 1/4" PI	£1.77	€ 2.01
BUR09246	Hydraulic adaptor BSP swivel female x push-in straight, 1/4" BSP x 3/8" PI	£6.80	€ 7.69
BUR09241	Hydraulic adaptor BSP swivel female x push-in straight, 3/8" BSP x 3/8" PI	£2.34	€ 2.65
BUR09242	Hydraulic adaptor BSP swivel female x push-in straight, 1/2" BSP x 1/2" PI	£3.09	€ 3.49
BUR09243	Hydraulic adaptor BSP swivel female x push-in straight, 5/8" BSP x 5/8" PI	£4.10	€ 4.63
BUR09244	Hydraulic adaptor BSP swivel female x push-in straight, 3/4" BSP x 3/4" PI	£5.53	€ 6.25
BUR09245	Hydraulic adaptor BSP swivel female x push-in straight, 1" BSP x 1" PI	£8.57	€ 9.68

## R2A FERRULES

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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR19939	Hydraulic ferrule, 1/8 R2A	£3.11	€ 3.51
BUR19940	Hydraulic ferrule, 1/4 R2A	£3.11	€ 3.51
BUR19941	Hydraulic ferrule, 3/8 R2A	£3.92	€ 4.43
BUR19942	Hydraulic ferrule, 1/2 R2A	£3.92	€ 4.43
BUR19943	Hydraulic ferrule, 5/8 R2A	£7.71	€ 8.71
BUR19944	Hydraulic ferrule, 3/4 R2A	£7.71	€ 8.71
BUR19945	Hydraulic ferrule, 1 R2A	£14.62	€ 16.52

## R2T FERRULES FOR NON-SKIVED R2T HOSE

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PART NUMBER	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
BUR19950	Hydraulic R2 ferrule, 1/4 R2T	£2.80	€ 3.17
BUR19951	Hydraulic R2 ferrule, 3/8 R2T	£3.61	€ 4.08
BUR19956	Hydraulic R2 ferrule, 1/2 R2T	£4.95	€ 5.59
BUR19953	Hydraulic R2 ferrule, 5/8 R2T	£7.36	€ 8.32
BUR19954	Hydraulic R2 ferrule, 3/4 R2T	£9.50	€ 10.74
BUR19955	Hydraulic R2 ferrule, 1 R2T	£15.35	€ 17.35



## BONDED SEALS

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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 quantities 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	£1.86	€ 2.10
BS1825	Pack of 25 bonded seals 1/8" BSP	£4.70	€ 5.32
BS1850	Pack of 50 bonded seals 1/8" BSP	£9.36	€ 10.57
BS18100	Pack of 100 bonded seals 1/8" BSP	£18.76	€ 21.20
BS14100	Pack of 100 bonded seals 1/4" BSP	£18.76	€ 21.20
BS1425	Pack of 25 bonded seals 1/4" BSP	£4.70	€ 5.32
BS1450	Pack of 50 bonded seals 1/4" BSP	£9.36	€ 10.57
BS1410	Pack of 10 bonded seals 1/4" BSP	£1.86	€ 2.10
BS3810	Pack of 10 bonded seals 3/8" BSP	£2.07	€ 2.34
BS3825	Pack of 25 bonded seals 3/8" BSP	£5.15	€ 5.81
BS3850	Pack of 50 bonded seals 3/8" BSP	£10.32	€ 11.66
BS38100	Pack of 100 bonded seals 3/8" BSP	£20.64	€ 23.33
BS1210	Pack of 10 bonded seals 1/2" BSP	£2.27	€ 2.56
BS1225	Pack of 25 bonded seals 1/2" BSP	£5.61	€ 6.34
BS1250	Pack of 50 bonded seals 1/2" BSP	£11.27	€ 12.73
BS12100	Pack of 100 bonded seals 1/2" BSP	£22.51	€ 25.44
BS5810	Pack of 10 bonded seals 5/8" BSP	£2.84	€ 3.20
BS5825	Pack of 25 bonded seals 5/8" BSP	£7.04	€ 7.95
BS5850	Pack of 50 bonded seals 5/8" BSP	£14.08	€ 15.91
BS58100	Pack of 100 bonded seals 5/8" BSP	£28.12	€ 31.77
BS3410	Pack of 10 bonded seals 3/4" BSP	£2.84	€ 3.20
BS3425	Pack of 25 bonded seals 3/4" BSP	£7.04	€ 7.95
BS3450	Pack of 50 bonded seals 3/4" BSP	£14.08	€ 15.91
BS34100	Pack of 100 bonded seals 3/4" BSP	£28.12	€ 31.77
BS7810	Pack of 10 bonded seals 7/8" BSP	£4.70	€ 5.32
BS7825	Pack of 25 bonded seals 7/8" BSP	£11.69	€ 13.21
BS7850	Pack of 50 bonded seals 7/8" BSP	£23.42	€ 26.46
BS78100	Pack of 100 bonded seals 7/8" BSP	£46.88	€ 52.98
BS110	Pack of 10 bonded seals 1" BSP	£4.70	€ 5.32
BS125	Pack of 25 bonded seals 1" BSP	£11.69	€ 13.21
BS150	Pack of 50 bonded seals 1" BSP	£23.42	€ 26.46
BS1100	Pack of 100 bonded seals 1" BSP	£46.88	€ 52.98
BS11410	Pack of 10 bonded seals 1 1/4" BSP	£8.24	€ 9.31
BS11425	Pack of 25 bonded seals 1 1/4" BSP	£20.64	€ 23.33
BS11450	Pack of 50 bonded seals 1 1/4" BSP	£41.23	€ 46.59
BS114100	Pack of 100 bonded seals 1 1/4" BSP	£82.51	€ 93.24
BS11210	Pack of 10 bonded seals 1 1/2" BSP	£9.77	€ 11.03
BS11225	Pack of 25 bonded seals 1 1/2" BSP	£24.37	€ 27.54
BS11250	Pack of 50 bonded seals 1 1/2" BSP	£48.76	€ 55.10
BS112100	Pack of 100 bonded seals 1 1/2" BSP	£97.51	€ 110.19
BS210	Pack of 10 bonded seals 2" BSP	£14.63	€ 16.53
BS225	Pack of 25 bonded seals 2" BSP	£36.58	€ 41.34
BS250	Pack of 50 bonded seals 2" BSP	£73.15	€ 82.66
BS2100	Pack of 100 bonded seals 2" BSP	£146.23	€ 165.24

# HYDRAULIC HOSE, FITTINGS & MACHINERY

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**QUALITY PRODUCTS**



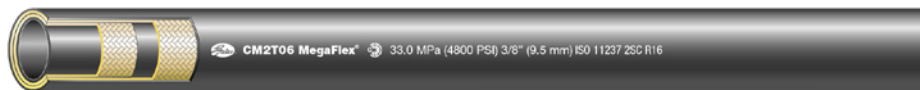
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*If the part  
number needed  
is not listed  
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the Flowfit  
Sales Team*



## CM2T

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### RECOMMENDED FOR

#### TUBE NBR

High pressure hydraulic applications. Easy to route and to install in tight areas.  
(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

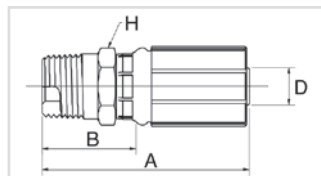


Please consult Gates Product Application Engineers for use of MegaTuff hose in reverse bending applications or for constant bending at minimum bend radius.





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	£8.45	€ 9.55
-6	10	3/8	0.7	17.7	4800	33	19200	132	65	42	CM2T06	£9.58	€ 10.82
-8	12	1/2	0.82	20.8	4000	27.5	16000	110	90	51	CM2T08	£10.73	€ 12.13
-10	16	5/8	0.97	24.6	3625	25	14500	100	100	70	CM2T10	£12.14	€ 13.72
-12	19	3/4	1.09	27.8	3100	21.5	12400	86	120	81	CM2T12	£13.73	€ 15.52
-16	25	1	1.41	35.8	2400	16.5	9600	66	150	115	CM2T16	£21.07	€ 23.81

## BSP MBSPT

Male BSP taper.

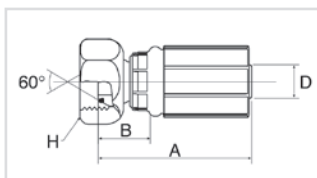


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D				A	B	H	REF.		
SIZE	DN	"		mm	mm	mm	G	NETT. PRICE	
								£ STERLING	€ EUROS
-4	6	1/4	R 1/4" - 19 BSP	47.9	24.8	14	4G4MBSPT	£4.76	€ 5.37
-4	6	1/4	R 3/8" - 19 BSP	49.1	26	19	4G6MBSPT	£7.06	€ 7.97
-5	8	5/16	R 3/8" - 19 BSP	50	26.1	19	5G6MBSPT	£7.35	€ 8.31
-6	10	3/8	R 3/8" - 19 BSP	49.5	26.1	19	6G6MBSPT	£4.61	€ 5.21
-6	10	3/8	R 1/2" - 14 BSP	54.3	30.9	22	6G8MBSPT	£9.18	€ 10.37
-8	12	1/2	R 3/8" -19 BSP	59.5	27	22	8G6MBSPT	£9.02	€ 10.19
-8	12	1/2	R 1/2" - 14 BSP	63.3	30.9	22	8G8MBSPT	£6.22	€ 7.02
-10	16	5/8	R 5/8" - 14 BSP	69.9	32.4	25	10G10MBSPT	£12.27	€ 13.87
-12	20	3/4	R 3/4" - 14 BSP	74.1	35.7	32	12G12MBSPT	£10.55	€ 11.92
-16	25	1	R 1" - 11 BSP	87.5	41.6	36	16G16MBSPT	£18.45	€ 20.85

# BSP FBSPORX

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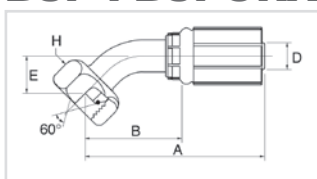


Female 1351-'O' ring swivel. 60° cone.

				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)	£6.09 € 6.88
-4	6	1/4	G 1/4" - 19 BSP	43	17	19	4G4FBSPORX	£2.61 € 2.95
-4	6	1/4	G 3/8" - 19 BSP	44	18	22	4G6FBSPORX	£2.61 € 2.95
-5	8	5/16	G 3/8" - 19 BSP	46	18	22	5G6FBSPORX	£3.70 € 4.18
-5	8	5/16	G 1/2" - 14 BSP	46	18	27	5G8FBSPORX	£4.59 € 5.19
-6	10	3/8	G 3/8" - 19 BSP	44.1	16.2	22	6G6FBSPORX	£2.77 € 3.13
-6	10	3/8	G 1/2" - 14 BSP	45.8	17.9	27	6G8FBSPORX	£3.00 € 3.39
-8	12	1/2	G 3/8" - 19 BSP	59.2	21.7	22	8G6FBSPORX	£5.07 € 5.73
-8	12	1/2	G 1/2" - 14 BSP	55.5	17.8	27	8G8FBSPORX	£3.37 € 3.81
-8	12	1/2	G 5/8" - 14 BSP	57.2	19.7	30	8G10FBSPORX	£7.29 € 8.23
-8	12	1/2	G 3/4" - 14 BSP	59	21.5	32	8G12FBSPORX	£11.58 € 13.09
-10	16	5/8	G 5/8" - 14 BSP	56.6	19.1	30	10G10FBSPORX	£5.03 € 5.68
-10	16	5/8	G 3/4" - 14 BSP	59	21.5	32	10G12FBSPORX	£6.24 € 7.05
-12	20	3/4	G 3/4" - 14 BSP	71	20	32	12G12FBSPORX	£6.54 € 7.39
-12	20	3/4	G 1" - 11 BSP	73.6	22.6	41	12G16FBSPORX	£11.99 € 13.55
-16	25	1	G 3/4" - 14 BSP	82.7	25.9	32	16G12FBSPORX	£27.54 € 31.12
-16	25	1	G 1" - 11 BSP	83.8	27	41	16G16FBSPORX	£10.06 € 11.37
-20	32	1.1/4	G 1.1/4" - 11 BSP	88.5	29.5	50	20G20FBSPORX	£29.78 € 33.65
-24	40	1.1/2	G 1.1/2" - 11 BSP	125	51.3	55	24GSP24FBSPORX	£24.28 € 27.43
-32	50	2	G 2" - 11 BSP	152	60	70	32GSP32FBSPORX	£33.69 € 38.07





# BSP FBSPORX45

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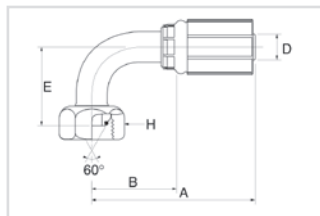


Female BSP 'O' ring swivel. 60° cone. 45° swept elbow.

Drop dimensions meet ISO 12151-6.

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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	£5.08	€ 5.74
-4	6	1/4	G 3/8" - 19 B513	63.2	37.1	17.7	22	4G6FBSPORX45	£6.38	€ 7.21
-5	8	5/16	G 3/8" - 19 B513	66.6	38.6	16.8	22	5G6FBSPORX45	£7.23	€ 8.17
-6	10	3/8	G 3/8" - 19 B513	66.9	39	15.2	22	6G6FBSPORX45	£5.02	€ 5.67
-6	10	3/8	G 1/2" - 14 B513	71	43	19.3	27	6G8FBSPORX45	£6.81	€ 7.70
-8	12	1/2	G 1/2" - 14 B513	81.3	43.9	17	27	8G8FBSPORX45	£6.05	€ 6.83
-8	12	1/2	G 5/8" - 14 B513	91	53.5	23	30	8G 10FB5 PORX45	£11.07	€ 12.51
-10	16	5/8	G 5/8" - 14 B513	89.6	52.1	21.3	30	10G 10FB5 PORX45	£8.32	€ 9.40
-10	16	5/8	G 3/4" - 14 B513	99.5	62	31.2	32	10G 12FBSPORX45	£13.89	€ 15.70
-12	20	3/4	G 3/4" - 14 B513	115.4	64.4	28.3	32	12G12FBSPORX45	£10.27	€ 11.60
-16	25	1	G 1" - 11 B513	135.6	78.8	30.9	41	16G 16FB5 PORX45	£16.99	€ 19.20
-20	32	1.1/4	G 1.1/4" - 11 B513	139.6	93.4	37.5	50	20G20FBSPORX45	£36.39	€ 41.12
-24	40	1.1/2	G 1.1/2" - 11 B513	214.5	140.8	49.7	55	24G51324FBSPORX45	£36.80	€ 41.59
-32	50	2	G 2" - 11 B513	276.1	184.1	62.3	70	32G51332FBSPORX45	£53.36	€ 60.30

## BSP FBSPORX90



Female BSP 'O' ring swivel. 60° cone. 90° swept elbow.  
Drop dimensions meet ISO 12151-6.

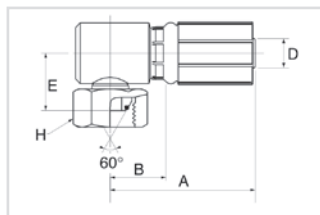
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D			A		B	E	H	REF.	NETT. PRICE	
SIZE	DN	"		mm	mm	mm	mm	G		
										£ STERLING € EUROS
-4	6	1/4	G 1/4" -19 B513	52.5	26.5	23.3	19	4G4FBSPORX90	£5.75	€ 6.50
-4	6	1/4	G 3/8" -19 B513	50.6	24.3	32	22	4G6FBSPORX90	£5.90	€ 6.67
-5	8	5/16	G 3/8" -19 B513	58	30	32	22	5G6FBSPORX90	£8.68	€ 9.81
-6	10	3/8	G 3/8" -19 B513	61.9	34	32	22	6G6FBSPORX90	£5.83	€ 6.59
-6	10	3/8	G 1/2" -14 B513	60.1	32.2	37.5	27	6G8FBSPORX90	£7.59	€ 8.58
-8	12	1/2	G 1/2" -14 B513	78	40.5	37.3	27	8G8FBSPORX90	£7.06	€ 7.97
-8	12	1/2	G 5/8" -14 B513	81.5	44	46	30	8G10FBSPORX90	£13.46	€ 15.21
-10	16	5/8	G 5/8" -14 B513	84.1	46.6	46	30	10G10FBSPORX90	£10.12	€ 11.44
-10	16	5/8	G 3/4" -14 B513	84.1	46.6	60	32	10G12FBSPORX90	£16.89	€ 19.09
-12	20	3/4	G 3/4" -14 B513	107	56	60	32	12G12FBSPORX90	£12.34	€ 13.94
-12	20	3/4	G 1" -11 B513	112.2	61.2	70	41	12G16FBSPORX90	£22.50	€ 25.43
-16	25	1	G 3/4" -14 B513	108.8	52	54.1	32	16G12FBSPORX90	£32.72	€ 36.97
-16	25	1	G 1" -11 B513	131.1	74.3	70	41	16G16FBSPORX90	£20.38	€ 23.03
-20	32	1.1/4	G 1.1/4" -11 B513	129.1	82.8	80	50	20G20FBSPORX90	£43.49	€ 49.14
-24	40	1.1/2	G 1.1/2" -11 B513	194.6	120.9	100	55	24G51324FBSPORX90	£44.02	€ 49.74
-32	50	2	G 2" -11 B513	254.7	162.7	129.1	70	32G51332FBSPORX90	£49.19	€ 55.59

## BSP FBSPORX90BL



Female BSP 'O' ring swivel. 60° cone. 90° block elbow.

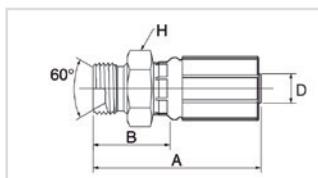
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D			A		B	E	H	REF.	NETT. PRICE	
SIZE	DN	"		mm	mm	mm	mm	G		
										£ STERLING € EUROS
-4	6	1/4	G 1/4" -19 B513	44.2	18.2	18	19	4G4FBSPORX90BL	£6.11	€ 6.91
-4	6	1/4	G 3/8" -19 B513	46	20	21.5	22	4G6FBSPORX90BL	£8.33	€ 9.41
-6	10	3/8	G 3/8" -19 B513	47.9	20	21.5	22	6G6FBSPORX90BL	£7.41	€ 8.38
-6	10	3/8	G 1/2" -14 B513	51.4	23.5	24	27	6G8FBSPORX90BL	£9.35	€ 10.56
-8	12	1/2	G 1/2" -14 B513	55.9	23.5	24	27	8G8FBSPORX90BL	£9.21	€ 10.41
-8	12	1/2	G 5/8" -14 B513	55.9	23.5	25.2	30	8G10FBSPORX90BL	£16.44	€ 18.58
-10	16	5/8	G 5/8" -14 B513	62.4	24.9	27.6	30	10G10FBSPORX90BL	£20.77	€ 23.47
-12	20	3/4	G 3/4" -14 B513	78	27	34.7	32	12G12FBSPORX90BL	£14.81	€ 16.73
-16	25	1	G 3/4" -14 B513	86.2	29.4	37.8	32	16G12FBSPORX90BL	£29.55	€ 33.39
-16	25	1	G 1" -11 B513	80.5	34.6	36.1	41	16G16FBSPORX90BL	£21.28	€ 24.05

## BSP MBSP

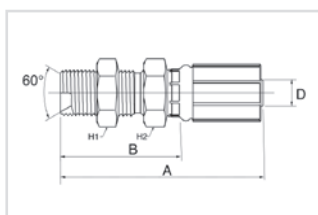


Male BSP parallel. 60° inverted cone.

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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	£3.48	€ 3.93
-4	6	1/4	G 3/8" -19 BSP	51.8	25.8	22	4G6MBSPP	£3.78	€ 4.27
-4	6	1/4	G 1/2" -14 BSP	59.5	33.5	27	4G8MBSPP	£5.07	€ 5.73
-5	8	5/16	G 1/4" -19 BSP	53.5	25.5	19	5G4MBSPP	£10.88	€ 12.29
-5	8	5/16	G 3/8" -19 BSP	53.8	25.8	22	5G6MBSPP	£6.05	€ 6.83
-6	10	3/8	G 1/4" -19 BSP	52	24.1	19	6G4MBSPP	£16.66	€ 18.83
-6	10	3/8	G 3/8" -19 BSP	55	27.1	22	6G6MBSPP	£3.01	€ 3.41
-6	10	3/8	G 1/2" -14 BSP	60	32.1	27	6G8MBSPP	£4.28	€ 4.84
-8	12	1/2	G 3/8" -19 BSP	63.5	26	22	8G6MBSPP	£5.50	€ 6.22
-8	12	1/2	G 1/2" -14 BSP	69	31.5	27	8G8MBSPP	£3.78	€ 4.27
-8	12	1/2	G 5/8" -14 BSP	71	33.5	30	8G10MBSPP	£12.60	€ 14.24
-10	16	5/8	G 5/8" -14 BSP	73.5	36	30	10G10MBSPP	£7.84	€ 8.86
-10	16	5/8	G 3/4" -14 BSP	71.5	34	32	10G12MBSPP	£7.52	€ 8.50
-12	20	3/4	G 3/4" -14 BSP	85	34	32	12G12MBSPP	£7.64	€ 8.64
-16	25	1	G 1" -11 BSP	101	44.2	41	16G16MBSPP	£11.80	€ 13.34
-20	32	1.1/4	G 1"- 11 BSP	104.5	45.5	46	20G16MBSPP	£33.87	€ 38.28
-20	32	1.1/4	G 1.1 AV - 11 BSP	110	51	50	20G20MBSPP	£40.50	€ 45.76
-24	40	1.1/2	G 1.1/2" - 11 BSP	130	56.4	55	24GSP24MBSPP	£32.10	€ 36.27
-32	50	2	G 2"- 11 BSP	148.8	56.8	70	32GSP32MBSPP	£106.88	€ 120.77

## BSP MBSPPBKHD



Male BSP parallel. 60° inverted cone (Bulkhead).

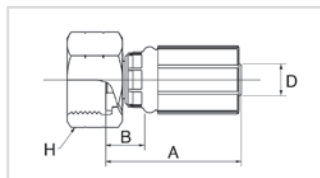
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D				A	B	H1	H2	REF.	
SIZE	DN	"		mm	mm	mm	mm	G	NETT. PRICE
									£ STERLING   € EUROS
-6	10	3/8	G 3/8" -19 BSP	74	46.1	22	22	6G6MBSPPBKHD	£17.57   € 19.85
-8	12	1/2	G 1/2" - 14 BSP	88.5	51	27	27	8G8MBSPPBKHD	£22.00   € 24.86
-10	16	5/8	G 5/8" -14 BSP	90.5	53	30	30	10G10MBSPPBKHD	£26.44   € 29.88
-12	20	3/4	G 3/4" - 14 BSP	104	53	32	32	12G12MBSPPBKHD	£28.75   € 32.49
-16	25	1	G 1" - 11 BSP	121.2	64.4	41	41	16G16MBSPPBKHD	£35.29   € 39.88

## BSP FBFFX

Female BSP flat face swivel.

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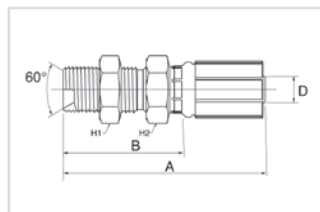


D			A B H				REF.	NETT. PRICE	
SIZE	DN	"		mm	mm	mm	G		
								£ STERLING	€ EUROS
-5	8	5/16	G 1/2" - 14 BSP	45.5	17.5	27	5G8FBFFX	£13.62	€ 15.39
-6	10	3/8	G 3/8" - 19 BSP	46	18.1	22	6G6FBFFX	£6.84	€ 7.72
-6	10	3/8	G 1/2" - 14 BSP	45.5	17.6	27	6G8FBFFX	£4.42	€ 5.00
-8	12	1/2	G 1/2" - 14 BSP	55.5	18	27	8G8FBFFX	£5.26	€ 5.94
-8	12	1/2	G 5/8" - 14 BSP	56	18.5	30	8G10FBFFX	£15.40	€ 17.41
-8	12	1/2	G 3/4" - 14 BSP	52.5	15	32	8G12FBFFX	£12.99	€ 14.68
-10	16	5/8	G 3/4" - 14 BSP	52.5	15	32	10G12FBFFX	£8.41	€ 9.50
-12	20	3/4	G 3/4" - 14 BSP	68.5	17.5	32	12G12FBFFX	£8.99	€ 10.16

## JIC 37° FJX

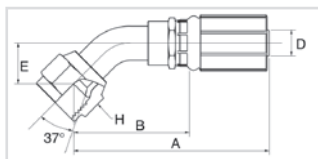
Female JIC swivel. 37° inverted cone.

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D			A B H1 H2				REF.	NETT. PRICE	
SIZE	DN	"		mm	mm	mm	mm	G	
									£ STERLING € EUROS
-4	6	1/4	7/16" - 20 UNF	69.7	43.7	10	14	4G4FJX455	£5.73 € 6.48
-4	6	1/4	1/2" - 20 UNF	65.8	39.7	11	17	4G5FJX45-011	£7.84 € 8.86
-4	6	1/4	9/16" - 18 UNF	77.8	51.8	11	19	4G6FJX455	£4.91 € 5.55
-5	8	5/16	1/2" - 20 UNF	68.3	40.3	11	17	5G5FJX45-011	£15.08 € 17.04
-5	8	5/16	9/16" - 18 UNF	72.4	44.4	11	19	5G6FJX455	£6.63 € 7.49
-6	10	3/8	7/16" - 20 UNF	72.7	44.8	10	14	6G4FJX455	£6.22 € 7.02
-6	10	3/8	9/16" - 18 UNF	77.5	49.6	11	19	6G6FJX455	£4.83 € 5.46
-6	10	3/8	3/4" - 16 UNF	89.1	61.6	15	24	6G8FJX455	£6.22 € 7.02
-8	12	1/2	3/4" - 16 UNF	86.9	49.5	15	24	8G8FJX455	£6.30 € 7.12
-8	12	1/2	7/8" - 14 UNF	96.8	59.4	16	27	8G10FJX455	£7.91 € 8.93
-10	16	5/8	7/8" - 14 UNF	96.4	59	16	27	10G10FJX455	£7.22 € 8.16
-10	16	5/8	1.1/16" - 12 UN	116	78.5	21	32	10G12FJX455	£9.71 € 10.98
-12	20	3/4	7/8" - 14 UNF	116.3	65.3	19	27	12G10FJX455	£39.17 € 44.26
-12	20	3/4	1.1/16" - 12 UN	129.2	78.2	21	32	12G12FJX455	£10.86 € 12.27
-12	20	3/4	1.5/16" - 12 UN	133.1	82.1	24	41	12G16FJX455	£24.86 € 28.10
-16	25	1	1.5/16" - 12 UN	144.3	87.5	24	41	16G16FJX455	£17.78 € 20.09





## JIC 37° FJX45S



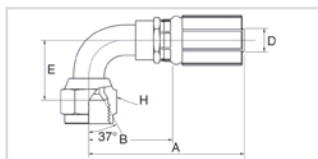
Female JIC swivel. 37° inverted cone.

45° swept elbow. Short drop (-4 to -16 drop dimensions meet ISO 12151-5).

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TECH. DATA SHEET  
**GH01**

   									
SIZE	DN	"		A	B	E	H	REF.	NETT. PRICE
				mm	mm	mm	mm	G	
								£ STERLING € EUROS	
-4	6	1/4	7/16" - 20 UNF	70.	44.	10.0	14.0	4G4FJX455	£5.73 € 6.48
-4	6	1/4	1/2" - 20 UNF	66.	40.	11.0	17.0	4G5FJX45-011	£7.84 € 8.86
-4	6	1/4	9/16" - 18 UNF	78.	52.	11.0	19.0	4G6FJX455	£4.91 € 5.55
-5	8	5/16	1/2" - 20 UNF	68.	40.	11.0	17.0	5G5FJX45-011	£15.07 € 17.03
-5	8	5/16	9/16" - 18 UNF	72.	44.	11.0	19.0	5G6FJX455	£6.62 € 7.47
-6	10	3/8	7/16" - 20 UNF	73.	45.	10.0	14.0	6G4FJX455	£6.22 € 7.02
-6	10	3/8	9/16" - 18 UNF	78.	50.	11.0	19.0	6G6FJX455	£4.84 € 5.47
-6	10	3/8	3/4" - 16 UNF	89.	62.	15.0	24.0	6G8FJX455	£6.22 € 7.02
-8	12	1/2	3/4" - 16 UNF	87.	50.	15.0	24.0	8G8FJX455	£6.30 € 7.12
-8	12	1/2	7/8" - 14 UNF	97.	59.	16.0	27.0	8G10FJX455	£7.91 € 8.93
-10	16	5/8	7/8" - 14 UNF	96.	59.0	16.0	27.0	10G10FJX455	£7.23 € 8.17
-10	16	5/8	1.1/16" - 12 UN	116.0	79.	21.0	32.0	10G12FJX455	£9.71 € 10.98
-12	20	3/4	7/8" - 14 UNF	116.	65.	19.0	27.0	12G10FJX455	£39.17 € 44.26
-12	20	3/4	1.1/16" - 12 UN	129.	78.	21.0	32.0	12G12FJX455	£10.86 € 12.27
-12	20	3/4	1.5/16" - 12 UN	133.	82.	24.0	41.0	12G16FJX455	£24.86 € 28.10
-16	25	1	1.5/16" - 12 UN	144.	88.	24.0	41.0	16G16FJX455	£17.78 € 20.09
-20	32	1.1/4	1.5/8" - 12 UN	169.0	110.0	35.0	51.	20G20FJX45	£41.84 € 47.28





## JIC 37° FJX90S



Female JIC swivel. 37° inverted cone. 90° swept elbow.

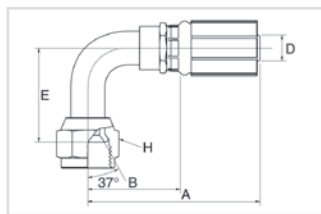
Short drop (-4 to -16 drop dimensions meet ISO 12151-5).

www.flowfitonline.com  
TECH. DATA SHEET  
**GH01**

   									
SIZE	DN	"		A	B	E	H	REF.	NETT. PRICE
				mm	mm	mm	mm	G	
								£ STERLING € EUROS	
-4	6	1/4	7/16" - 20 UNF	63.1	37.1	21	14	4G4FJX905	£5.57 € 6.29
-4	6	1/4	1/2" - 20 UNF	62.2	36.2	23	17	4G5FJX90-023	£7.53 € 8.51
-4	6	1/4	9/16" - 18 UNF	70.5	44.4	23	19	4G6FJX905	£5.13 € 5.80
-5	8	5/16	9/16" - 18 UNF	75.2	47.2	23	19	5G6FJX905	£22.26 € 25.15
-6	10	3/8	7/16" - 20 UNF	66.1	38.2	21	14	6G4FJX905	£6.22 € 7.02
-6	10	3/8	9/16" - 18 UNF	74.2	46.3	23	19	6G6FJX905	£4.81 € 5.43
-6	10	3/8	3/4" - 16 UNF	82.6	54.7	29	24	6G8FJX905	£6.00 € 6.77
-8	12	1/2	9/16" - 18 UNF	77.3	39.9	41	24	8G6FJX905	£6.92 € 7.82
-8	12	1/2	3/4" - 16 UNF	81	43.5	29	24	8G8FJX905	£5.69 € 6.43
-8	12	1/2	7/8" - 14 UNF	93.3	55.8	32	27	8G10FJ X905	£7.81 € 8.83
-8	12	1/2	1.1/16" - 12 UN	107.5	70	48	32	8G12FJ X905	£19.27 € 21.77
-10	16	5/8	7/8" - 14 UNF	89	51.5	36	27	10G10FJX90-036	£7.90 € 8.92
-10	16	5/8	1.1/16" - 12 UN	106.1	68.6	48	32	10G12FJ X905	£9.71 € 10.98
-12	20	3/4	1.1/16" - 12 UN	122.4	71.4	48	32	12G12FJ X905	£10.24 € 11.57
-12	20	3/4	1.3/16" - 12 UN	124	73	54	36	12G14FJX90-054	£16.79 € 18.97
-12	20	3/4	1.5/16" - 12 UN	132.7	81.7	56	41	12G16FJ X905	£28.90 € 32.65
-16	25	1	1.5/16" - 12 UN	145.6	88.8	56	41	16G16FJX905	£17.17 € 19.40
-16	25	1	1.5/8" - 12 UN	167	110.2	75	50.8	16G20FJX905	£34.57 € 39.06



## JIC 37° FJX90M



Female JIC swivel. 37° inverted cone. 90° swept elbow.  
Medium drop (-4 to -20 drop dimensions meet ISO 12151-5).

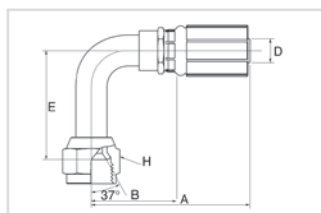
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TECH. DATA SHEET

**GH01**

				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	4G4FJX90M	£5.73 € 6.48
-4	6	1/4	1/2" - 20 UNF	57.	31.	32.0	17.0	4G5FJX90M	£6.93 € 7.83
-4	6	1/4	9/16" - 18 UNF	65.	39.	38.0	19.0	4G6FJX90M	£6.51 € 7.36
-5	8	5/16	1/2" - 20 UNF	56.0	28.0	29.	16.	5G5FJX90M	£9.06 € 10.24
-5	8	5/16	9/16" - 18 UNF	76.0	48.0	38.0	19.0	5G6FJX90M	£6.76 € 7.64
-6	10	3/8	9/16" - 18 UNF	74.	46.	38.0	19.0	6G6FJX90M	£4.95 € 5.59
-6	10	3/8	3/4" - 16 UNF	84.	56.	41.0	24.0	6G8FJX90M	£6.16 € 6.96
-6	10	3/8	7/8" - 14 UNF	83.	55.	47.0	27.0	6G10FJX90M	£23.69 € 26.77
-8	12	1/2	3/4" - 16 UNF	77.	40.	41.0	24.0	8G8FJX90M	£5.87 € 6.63
-8	12	1/2	7/8" - 14 UNF	93.	56.	47.0	27.0	8G10FJX90M	£9.02 € 10.19
-10	16	5/8	7/8" - 14 UNF	93.	56.	47.0	27.0	10G10FJX90M	£8.14 € 9.20
-10	16	5/8	1.1/16" - 12 UN	102.	64.	58.0	32.0	10G12FJX90M	£11.21 € 12.67
-12	20	3/4	7/8" - 14 UNF	114.	63.	47.0	27.0	12G10FJX90M	£31.91 € 36.06
-12	20	3/4	1.1/16" - 12 UN	122.	71.	58.0	32.0	12G12FJX90M	£10.56 € 11.94
-16	25	1	1.5/16" - 12 UN	120.0	63.	67.	38.	16G16FJX90M	£17.71 € 20.02
-20	32	1.1/4	1.5/8" - 12 UN	138.0	79.0	89.	51.	20G20FJX90M	£26.85 € 30.34
-24	40	1.1/2	1.7/8" - 12 UN	212.0	138.	89.0	60.0	24G51324FJX90-089	£40.99 € 46.32
-32	50	2	2.1/2" - 12 UN	272.0	180.	140.0	75.0	32G51332FJX90	£49.49 € 55.92

## JIC 37° FJX90L



Female JIC swivel. 37° inverted cone. 90° swept elbow.  
Long drop (-4 to -20 drop dimensions meet ISO 12151-5).

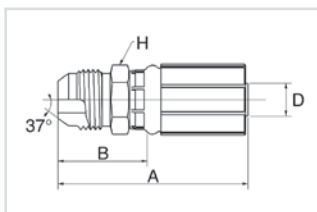
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TECH. DATA SHEET

**GH01**

				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	4G4FJX90L	£6.89 € 7.78
-4	6	1/4	1/2" - 20 UNF	57.2	31.2	46	17	4G5FJX90L	£7.32 € 8.27
-4	6	1/4	9/16" - 18 UNF	69.3	43.2	54	19	4G6FJX90L	£7.71 € 8.71
-6	10	3/8	7/16" - 20 UNF	60.2	32.3	46	14	6G4FJX90L	£7.86 € 8.89
-6	10	3/8	9/16" - 18 UNF	74.2	46.3	54	19	6G6FJX90L	£5.70 € 6.44
-6	10	3/8	3/4" - 16 UNF	84.5	56.6	64	24	6G8FJX90L	£10.86 € 12.27
-8	12	1/2	3/4" - 16 UNF	77.3	39.9	64	24	8G8FJX90L	£7.92 € 8.95
-8	12	1/2	7/8" - 14 UNF	93.3	55.8	70	27	8G10FJX90L	£9.28 € 10.49
-10	16	5/8	7/8" - 14 UNF	85.9	48.4	70	27	10G10FJX90L	£14.36 € 16.23
-10	16	5/8	1.1/16" - 12 UN	116.5	79	96	32	10G12FJX90L	£20.95 € 23.67
-12	20	3/4	1.1/16" - 12 UN	122.4	71.4	96	32	12G12FJX90L	£12.15 € 13.73
-12	20	3/4	1.3/16" - 12 UN	107.4	56.4	100	36	12G14FJX90-100	£21.29 € 24.06
-16	25	1	1.5/16" - 12 UN	114.9	58.1	110	38.1	16G16FJX90L	£18.17 € 20.53
-20	32	1.1/4	1.5/8" - 12 UN	158	99	129	50.8	20G20FJX90L	£31.47 € 35.56

# JIC 37° MJ

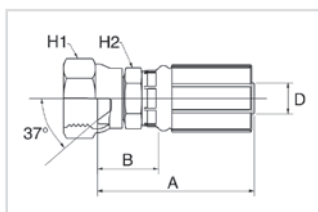


Male JIC parallel. 37° cone.

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TECH. DATA SHEET  
**GH01**

				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	£2.90	€ 3.27
-4	6	1/4	1/2" - 20 UNF	55.5	29.5	14	4G5MJ	£4.13	€ 4.66
-4	6	1/4	9/16" - 18 UNF	56.5	30.5	17	4G6MJ	£5.13	€ 5.80
-5	8	5/16	1/2" - 20 UNF	57.5	29.5	17	5G5MJ	£4.61	€ 5.21
-5	8	5/16	9/16" - 18 UNF	57.5	29.5	17	5G6MJ	£4.06	€ 4.59
-6	10	3/8	9/16" - 18 UNF	58.5	30.6	17	6G6MJ	£2.98	€ 3.37
-6	10	3/8	3/4" - 16 UNF	63	35.1	19	6G8MJ	£3.53	€ 3.99
-6	10	3/8	7/8" - 14 UNF	67	39.1	24	6G10MJ	£5.49	€ 6.21
-8	12	1/2	3/4" - 16 UNF	71.5	34	22	8G8MJ	£3.83	€ 4.33
-8	12	1/2	7/8" - 14 UNF	74	36.5	24	8G10MJ	£4.39	€ 4.96
-8	12	1/2	1.1/16" - 12 UN	81	43.5	27	8G12MJ	£7.73	€ 8.73
-10	16	5/8	3/4" - 16 UNF	74.5	37	24	10G8MJ	£14.76	€ 16.68
-10	16	5/8	7/8" - 14 UNF	77	39.5	24	10G10MJ	£5.99	€ 6.76
-10	16	5/8	1.1/16" - 12 UN	81	43.5	27	10G12MJ	£8.17	€ 9.23
-12	20	3/4	1.1/16" - 12 UN	94.5	43.5	27	12G12MJ	£6.69	€ 7.56
-12	20	3/4	1.3/16" - 12 UN	95.5	44.5	32	12G14MJ	£11.36	€ 12.84
-12	20	3/4	1.5/16" - 12 UN	96	45	36	12G16MJ	£9.62	€ 10.87
-16	25	1	1.5/16" - 12 UN	104.5	47.7	36	16G16MJ	£9.78	€ 11.05
-16	25	1	1.5/8" - 12 UN	109	52.2	44.5	16G20MJ	£27.04	€ 30.55
-20	32	1.1/4	1.5/8" - 12 UN	112.5	53.5	44.5	20G20MJ	£37.97	€ 42.90
-24	40	1.1/2	1.7/8" - 12 UN	130	56.4	50	24GSP24MJ	£30.06	€ 33.97
-32	50	2	2.1/2" - 12 UN	161.1	69.1	65	32GSP32MJ	£40.66	€ 45.94

# JIS FJISX

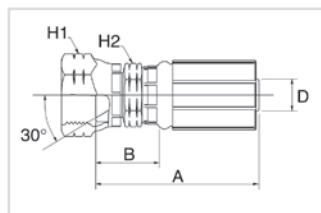


Female Japanese swivel. 30° inverted cone. BSP thread.

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TECH. DATA SHEET  
**GH01**

				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.	4G4FJISX	£7.19 € 8.13
-6	10	3/8	G 3/8" - 19 BSP	52.0	24.	22.0	17.0	6G6FJISX	£6.68 € 7.55
-8	12	1/2	G 1/2" - 14 BSP	68.	30.	27.0	22.0	8G8FJISX	£8.12 € 9.17
-12	20	3/4	G 3/4" - 14 BSP	81.	30.	36.0	30.0	12G12FJISX	£13.27 € 15.00
-16	25	1	G 1" - 11 BSP	94.0	37.	41.0	41.0	16G16FJISX	£17.89 € 20.22

## JIS FKK



Female Japanese swivel. 30° inverted cone. Metric thread.

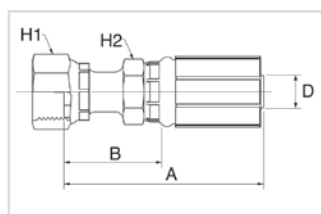
www.flowfitonline.com

TECH. DATA SHEET

**GH01**

D			A		B	H1	H2	REF.	NETT. PRICE	
SIZE	DN	"	mm	mm	mm	mm	mm	G	£ STERLING	€ EUROS
-4	6	1/4	M14 x 1.5	46.5	20.5	19.1	14.3	4G4FKX	£7.47	€ 8.44
-6	10	3/8	M18 x 1.5	52	24.1	22.2	17.5	6G6FKX	£7.51	€ 8.48
-8	12	1/2	M22 x 1.5	61.5	24	27	22	8G8FKX	£9.73	€ 11.00
-10	16	5/8	M24 x 1.5	63.5	26	32	24	10G10FKX	£9.73	€ 11.00
-12	20	3/4	M30 x 1.5	82.3	31.3	36	30	12G12FKX	£12.62	€ 14.26
-16	25	1	M33 x 1.5	92.5	35.7	41.3	34.9	16G16FKX	£18.30	€ 20.68
-20	32	1.1/4	M36 x 1.5	105	46	50.8	44.5	20G20FKX	£50.84	€ 57.45

## SAE FFORX



Female SAE flat face 'O' ring swivel.

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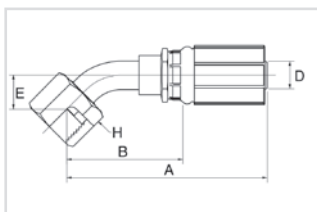
TECH. DATA SHEET

**GH01**





D			A		B	H1	H2	REF.	NETT. PRICE	
SIZE	DN	"	mm	mm	mm	mm	mm	G	£ STERLING	€ EUROS
-4	6	1/4	9/16" - 18 UNF	52.7	26.7	17.0	15.0	4G4FFORX	£3.75	€ 4.24
-4	6	1/4	11/16" - 16 UN	51.1	25.1	22.0	15.0	4G6FFORX	£5.43	€ 6.13
-4	6	1/4	13/16" - 16 UN	50.5	24.5	24.0	15.0	4G8FFORX	£12.11	€ 13.68
-5	8	5/16	11/16" - 16 UN	61.5	33.5	22.0	17.0	5G6FFORX	£6.25	€ 7.06
-6	10	3/8	9/16" - 18 UNF	78.3	50.3	17.0	17.0	6G4FFORX	£9.17	€ 10.36
-6	10	3/8	11/16" - 16 UN	58.	28.9	22.0	18.0	6G6FFORX	£4.64	€ 5.24
-6	10	3/8	13/16" - 16 UN	57.	28.6	24.0	18.0	6G8FFORX	£5.20	€ 5.87
-6	10	3/8	13/16" - 16 UN	55.	25.9	30.0	18.0	6G10FFORX	£23.60	€ 26.67
-8	12	1/2	11/16" - 16 UN	95.9	58.4	22.0	22.0	8G6FFORX	£9.30	€ 10.51
-8	12	1/2	13/16" - 16 UN	66.5	31.3	24.0	22.0	8G8FFORX	£5.39	€ 6.09
-8	12	1/2	1" - 14 UNS	70.0	34.8	30.0	22.0	8G10FFORX	£9.43	€ 10.65
-8	12	1/2	1.3/16" - 12 UN	71.5	36.3	36.0	22.0	8G12FFORX	£15.66	€ 17.69
-10	12	5/8	13/16" - 16 UN	97.2	59.7	24.0	24.0	10G8FFORX	£16.00	€ 18.08
-10	16	5/8	1" - 14 UNS	76.0	38.5	30.0	24.0	10G10FFORX	£6.87	€ 7.76
-10	16	5/8	1.3/16" - 12 UN	77.0	39.5	36.0	24.0	10G12FFORX	£16.00	€ 18.08
-12	20	3/4	1" - 14 UNS	95.	44.1	30.0	30.0	12G10FFORX	£19.74	€ 22.31
-12	20	3/4	1.3/16" - 12 UN	92.8	41.8	36.0	30.0	12G12FFORX	£10.13	€ 11.45
-12	20	3/4	1.7/16" - 12 UN	88.3	37.3	41.0	30.0	12G16FFORX	£12.62	€ 14.26
-16	25	1	1.7/16" - 12 UN	110.0	53.2	41.3	41.0	16G16FFORX	£14.93	€ 16.87
-16	25	1	1.11/16" - 12 UN	104.5	47.7	47.6	41.0	16G20FFORX	£39.50	€ 44.64
-20	32	1.1/4	1.11/16" - 12 UN	117.5	58.5	47.6	50.0	20G20FFORX	£41.84	€ 47.28
-24	40	1.1/2	2" - 12 UN	137.0	63.4	60.0	55.0	24G5P24FFORX	£40.99	€ 46.32

# SAE FFORX45S

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TECH. DATA SHEET  
**GH01**

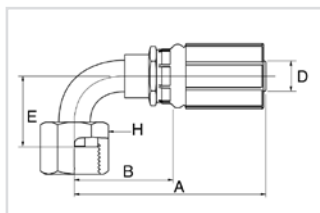


Female SAE flat face O'ring swivel. 45° swept elbow.  
Short drop (-4 to -20 drop dimensions meet ISO 12151-5).

   					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	£5.50	€ 6.22
-4	6	1/4	11/16" - 16 UN		68.5	42.5	11	22	4G6FFORX45S	£6.59	€ 7.45
-5	8	5/16	11/16" - 16 UN		69.4	41.4	11	22	5G6FFORX45S	£10.86	€ 12.27
-6	10	3/8	9/16" - 18 UNF		66.1	38.1	10	17	6G4FFORX45S	£14.40	€ 16.27
-6	10	3/8	11/16" - 16 UN		69.8	41.9	11	22	6G6FFORX45S	£6.10	€ 6.89
-6	10	3/8	13/16" - 16 UN		85.2	57.3	15	24	6G8FFORX45S	£7.58	€ 8.57
-8	12	1/2	11/16" - 16 UN		90.7	53.2	11	22	8G6FFORX45S	£14.40	€ 16.27
-8	12	1/2	13/16" - 16 UN		89	51.6	15	24	8G8FFORX45S	£7.67	€ 8.66
-8	12	1/2	1" - 14 UNS		101	63.5	16	30	8G10FFORX45S	£11.38	€ 12.86
-8	12	1/2	1.3/16" - 12 UN		110.3	72.8	21	36	8G12FFORX45S	£21.82	€ 24.66
-10	16	5/8	13/16" - 16 UN		96.8	59.3	15	24	10G8FFORX45S	£16.12	€ 18.21
-10	16	5/8	1" - 14 UNS		100.5	63	16	30	10G10FFORX45S	£13.05	€ 14.75
-10	16	5/8	1.3/16" - 12 UN		105.9	68.4	21	36	10G12FFORX45S	£13.95	€ 15.77
-12	20	3/4	1" - 14 UNS		113	62	16	30	12G10FFORX45S	£23.51	€ 26.57
-12	20	3/4	1.3/16" - 12 UN		118.4	67.4	21	36	12G12FFORX45S	£12.66	€ 14.31
-12	20	3/4	1.7/16" - 12 UN		122	71	24	41	12G16FFORX45S	£22.66	€ 25.60
-16	25	1	1.3/16" - 12 UN		132.5	75.7	21	36	16G12FFORX45S	£50.34	€ 56.88
-16	25	1	1.7/16" - 12 UN		146.9	90.1	24	41	16G16FFORX45S	£19.32	€ 21.83
-20	32	1.1/4	1.11/16" - 12 UN		158	99	25	50	20G20FFORX45S	£42.46	€ 47.98

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

## SAE FFORX905

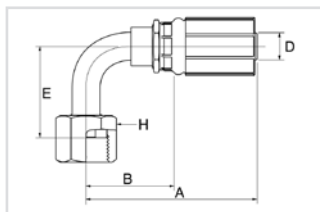


Female SAE flat face 'O' ring swivel. 90° swept elbow.  
Short drop (-4 to -20 drop dimensions meet ISO 12151-1).

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TECH. DATA SHEET  
**GH01**

				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	£7.33 € 8.28
-4	6	1/4	11/16" - 16 UN	63.4	37.4	23	22	4G6FFORX905	£6.41 € 7.24
-5	8	5/16	11/16" - 16 UN	72	44	23	22	5G6FFORX905	£11.07 € 12.51
-6	10	3/8	9/16" - 18 UNF	61.4	33.6	21	17	6G4FFORX905	£9.90 € 11.19
-6	10	3/8	11/16" - 16 UN	72.5	44.6	23	22	6G6FFORX905	£6.14 € 6.94
-6	10	3/8	13/16" - 16 UN	73	45.1	29	24	6G8FFORX905	£7.58 € 8.57
-8	12	1/2	11/16" - 16 UN	83.5	46	23	22	8G6FFORX905	£20.37 € 23.02
-8	12	1/2	13/16" - 16 UN	83.9	46.5	29	24	8G8FFORX905	£7.61 € 8.60
-8	12	1/2	1" - 14 UNS	92.9	55.4	32	30	8G10FFORX905	£8.63 € 9.75
-8	12	1/2	1.3/16" - 12 UN	102.9	65.4	48	36	8G12FFORX905	£21.82 € 24.66
-10	16	5/8	13/16" - 16 UN	92.4	54.9	29	24	10G8FFORX905	£16.12 € 18.21
-10	16	5/8	1" - 14 UNS	92.5	55	32	30	10G10FFORX905	£14.52 € 16.41
-10	16	5/8	1.3/16" - 12 UN	96.3	58.8	48	36	10G12FFORX905	£16.74 € 18.91
-12	20	3/4	1" - 14 UNS	104	53	32	30	12G10FFORX905	£38.57 € 43.58
-12	20	3/4	1.3/16" - 12 UN	109	58	48	36	12G12FFORX905	£12.52 € 14.14
-12	20	3/4	1.7/16" - 12 UN	128.5	77.5	56	41	12G16FFORX905	£29.13 € 32.91
-16	25	1	1.3/16" - 12 UN	129.4	72.6	48	36	16G12FFORX905	£49.19 € 55.59
-16	25	1	1.7/16" - 12 UN	129.9	73.1	56	41	16G16FFORX905	£19.70 € 22.26
-20	32	1.1/4	1.11/16" - 12 UN	150	91	64	50	20G20FFORX905	£33.89 € 38.30

## SAL FFORX90M

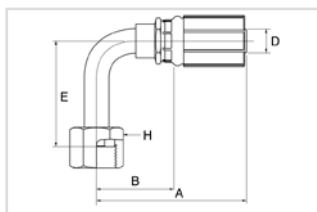


Female SAE flat face 'O' ring swivel. 90° swept elbow.  
Medium drop (-4 to -20 drop dimensions meet ISO 12151-1).

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TECH. DATA SHEET  
**GH01**





				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	4G4FFORX90M	£4.86 € 5.49
-4	6	1/4	11/16" - 16 UN	63.4	37.4	38	22	4G6FFORX90M	£6.59 € 7.45
-6	10	3/8	11/16" - 16 UN	63.6	35.7	38	22	6G6FFORX90M	£6.11 € 6.91
-6	10	3/8	13/16" - 16 UN	68.5	40.6	41	24	6G8FFORX90M	£7.58 € 8.57
-8	12	1/2	13/16" - 16 UN	83.9	46.5	41	24	8G8FFORX90M	£7.15 € 8.08
-8	12	1/2	1" - 14 UNS	93.2	55.7	47	30	8G10FFORX90M	£8.54 € 9.65
-10	16	5/8	1" - 14 UNS	92.8	55.3	47	30	10G10FFORX90M	£12.93 € 14.61
-12	20	3/4	1.3/16" - 12 UN	109	58	58	36	12G12FFORX90M	£12.90 € 14.58
-16	25	1	1.7/16" - 12 UN	129.9	73.1	71	41	16G16FFORX90M	£20.40 € 23.05
-16	25	1	1.11/16" - 12 UN	156	99.2	78	50	16G20FFORX90M	£46.07 € 52.06
-20	32	1.1/4	1.11/16" - 12 UN	140	81	78	50	20G20FFORX90M	£45.49 € 51.40

# SAE FFORX90L



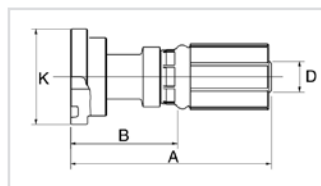
Female SAE flat face 'O' ring swivel. 90° swept elbow.  
Long drop (-4 to -20 drop dimensions meet ISO 12151-1).

www.flowfitonline.com  
TECH. DATA SHEET  
**GH01**

<div><div></div><div></div><div></div><div></div></div>										
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	4G4FFORX90L	£9.08	€ 10.26
-4	6	1/4	11/16" - 16 UN	61.6	35.6	54	22	4G6FFORX90L	£8.40	€ 9.49
-4	6	1/4	13/16" - 16 UN	67.1	41.1	64	24	4G8FFORX90L	£21.60	€ 24.41
-6	10	3/8	11/16" - 16 UN	69.3	41.4	54	22	6G6FFORX90L	£7.01	€ 7.93
-6	10	3/8	13/16" - 16 UN	69	41.1	64	24	6G8FFORX90L	£8.74	€ 9.87
-8	12	1/2	13/16" - 16 UN	83.9	46.5	64	24	8G8FFORX90L	£11.14	€ 12.59
-8	12	1/2	1" - 14 UNS	90.6	53.1	70	30	8G1OFFORX90L	£13.04	€ 14.74
-10	16	5/8	13/16" -16 UN	92.4	54.9	64	24	10G8FFORX90L	£16.12	€ 18.21
-10	16	5/8	1" -14 UNS	90.2	52.7	70	30	10G1OFFORX90L	£17.03	€ 19.25
-12	20	3/4	1.3/16" - 12 UN	118.2	67.2	96	36	12G12FFORX90L	£21.47	€ 24.26
-16	25	1	1.7/16" - 12 UN	129.9	73.1	114	41	16G16FFORX90L	£34.49	€ 38.98
-20	32	1.1/4	1.11/16" - 12 UN	140	81	129	50	20G2OFFORX90L	£46.07	€ 52.06



## SAE FL

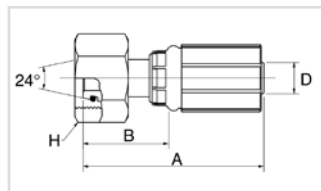


SAE 'O' ring flange. Code 61.

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TECH. DATA SHEET  
**GH01**





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	£9.14	€ 10.32
-8	12	1/2	3/4"	80	42.5	38.1	12 PA-FL	8G12FL	£21.19	€ 23.94
-10	16	5/8	3/4"	98	60.5	38.1	12 PA-FL	10G12FL	£23.38	€ 26.42
-12	20	3/4	3/4"	98	47	38.1	12 PA-FL	12G12FL	£10.34	€ 11.69
-12	20	3/4	1"	88.8	37.8	44.5	16 PA-FL	12G16FL	£14.52	€ 16.41
-16	25	1	1"	105	48.2	44.5	16 PA-FL	16G16FL	£13.73	€ 15.52
-16	25	1	1.1/4"	105	48.2	50.8	20 PA-FL	16G20FL	£23.63	€ 26.70
-16	25	1	1.1/2"	96	39.2	60.3	24 PA-FL	16G24FL	£25.14	€ 28.40
-20	32	1.1/4	1.1/4"	112.5	53.5	50.8	20 PA-FL	20G20FL	£40.92	€ 46.24
-20	32	1.1/4	1.1/2"	117.5	58.5	60.3	24 PA-FL	20G24FL	£41.54	€ 46.94
-24	40	1.1/2	1.1/2"	152.9	79.3	60.3	24PA-FL	24GSP24FL	£20.48	€ 23.14
-24	40	1.1/2	2"	152.9	79.3	71.4	32PA-FL	24GSP32FL	£39.67	€ 44.83
-32	50	2	2"	159.3	67.3	71.4	32PA-FL	32GSP32FL	£26.61	€ 30.07

## DIN 24° FDLORX



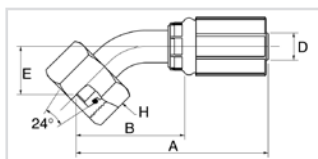
Female DIN 'CY' ring swivel. 24° cone. Light series.

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TECH. DATA SHEET  
**GH01**





									
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	£4.90	€ 5.54
-4	6	1/4	M14 x1.5	55.7	29.7	17	4G8FDLORX	£2.70	€ 3.05
-4	6	1/4	M16 x1.5	55.3	29.3	19	4G10FDLORX	£3.15	€ 3.56
-4	6	1/4	M18 x1.5	55.7	29.7	22	4G12FDLORX	£4.36	€ 4.92
-5	8	5/16	M14 x1.5	52	28.4	17	5G8FDLORX	£5.75	€ 6.50
-5	8	5/16	M16 x 1.5	53.9	29.7	19	5G10FDLORX	£3.26	€ 3.68
-5	8	5/16	M18 x 1.5	58.5	30	22	5G12FDLORX	£3.94	€ 4.45
-6	10	3/8	M16 x 1.5	57.1	29.2	19	6G10FDLORX	£3.76	€ 4.25
-6	10	3/8	M18 x 1.5	57.8	29.9	22	6G12FDLORX	£2.98	€ 3.37
-6	10	3/8	M20 x 1.5	60.4	32.5	24	6G14FDLORX	£4.80	€ 5.42
-6	10	3/8	M22 x 1.5	56.7	28.8	27	6G15FDLORX	£6.36	€ 7.19
-8	12	1/2	M18 x 1.5	70.2	32.7	22	8G12FDLORX	£6.84	€ 7.72
-8	12	1/2	M22 x 1.5	67	29.5	27	8G15FDLORX	£4.23	€ 4.78
-8	12	1/2	M26 x 1.5	67.9	30.4	32	8G18FDLORX	£10.26	€ 11.59
-10	16	5/8	M26 x 1.5	67.8	30.3	32	10G18FDLORX	£5.71	€ 6.45
-12	20	3/4	M26 x 1.5	83.8	32.8	32	12G18FDLORX	£16.31	€ 18.43
-12	20	3/4	M30 x 2.0	85.8	34.8	36	12G22FDLORX	£8.31	€ 9.39
-16	25	1	M36 x 2.0	81.6	36.7	41	16G28FDLORX	£13.21	€ 14.93
-20	32	1.1/4	M45 x 2.0	90.4	44.1	50	20G35FDLORX	£37.44	€ 42.31
-24	40	1.1/2	M52 x 2.0	135.7	62	60	24GSP42FDLORX	£33.33	€ 37.66

## DIN 24° FDLORX45

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TECH. DATA SHEET  
**GH01**

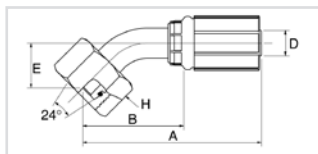


Female DIN 'O' ring swivel. 24° cone. Light series.  
45° swept elbow. Drop dimensions meet ISO 12151-2.





   									
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	£9.48 € 10.71
-4	6	1/4	M14 x 1.5	62.6	36.5	16.2	19	4G8FDLORX45	£5.08 € 5.74
-4	6	1/4	M16 x 1.5	64.4	38.3	17.9	19	4G10FDLORX45	£6.58 € 7.44
-4	6	1/4	M18 x 1.5	66.7	40.7	18.3	22	4G12FDLORX45	£7.37 € 8.33
-5	8	5/16	M14 x 1.5	67.1	39.1	16.9	17	5G8FDLORX45	£12.57 € 14.20
-5	8	5/16	M16 x 1.5	63.4	39.3	17.1	19	5G10FDLORX45	£5.26 € 5.94
-5	8	5/16	M18 x 1.5	67.7	39.7	18.9	22	5G12FDLORX45	£8.80 € 9.94
-6	10	3/8	M16 x 1.5	68.5	40.5	18.6	19	6G10FDLORX45	£6.59 € 7.45
-6	10	3/8	M18 x 1.5	68.8	40.9	18.9	22	6G12FDLORX45	£5.20 € 5.87
-6	10	3/8	M22 x 1.5	72.3	44.4	22.5	27	6G15FDLORX45	£7.88 € 8.90
-8	12	1/2	M18 x 1.5	92.9	55.4	29.7	22	8G12FDLORX45	£13.43 € 15.18
-8	12	1/2	M22 x 1.5	84.6	47.1	20.2	27	8G15FDLORX45	£6.57 € 7.43
-8	12	1/2	M26 x 1.5	94.9	57.2	26.9	32	8G18FDLORX45	£19.60 € 22.15
-10	16	5/8	M26 x 1.5	93.5	56	24.8	32	10G18FDLORX45	£9.61 € 10.86
-12	20	3/4	M30 x 2.0	104.6	66.1	29.8	36	12G22FDLORX45	£17.28 € 19.53
-16	25	1	M36 x 2.0	135.4	78.8	30.9	41	16G28FDLORX45	£31.03 € 35.06
-20	32	1.1/4	M45 x 2.0	152.4	93.4	37.5	50	20G35FDLORX45	£48.34 € 54.63
-24	40	1.1/2	M52 x 2.0	208.9	135.2	44	60	24G51342FDLORX45	£45.27 € 51.15

## DIN 24° FDLORX90

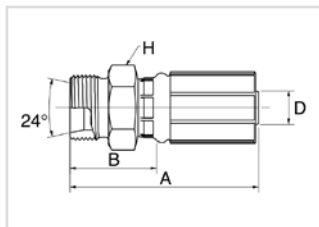
www.flowfitonline.com  
TECH. DATA SHEET  
**GH01**



Female DIN 'O' 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	£7.99 € 9.03
-4	6	1/4	M14 x 1.5	58.	32.	35.0	17.0	4G8FDLORX90	£5.08 € 5.74
-4	6	1/4	M16 x 1.5	58.	32.	37.	19.0	4G10FDLORX90	£5.85 € 6.61
-4	6	1/4	M18 x 1.5	60.	34.	37.0	22.0	4G12FDLORX90	£7.72 € 8.72
-5	8	5/16	M14 x 1.5	61.	33.	35.0	17.0	5G8FDLORX90	£8.49 € 9.60
-5	8	5/16	M16 x 1.5	63.	34.	37.	19.0	5G10FDLORX90	£5.67 € 6.41
-5	8	5/16	M15 x 1.5	59.0	31.0	37.0	22.0	5G12FDLORX90	£7.09 € 8.01
-6	10	3/8	M16 x 1.5	60.	32.	37.	19.0	6G10FDLORX90	£6.84 € 7.72
-6	10	3/8	M18 x 1.5	60.	32.	37.0	22.0	6G12FDLORX90	£5.57 € 6.29
-6	10	3/8	M22 x 1.5	60.	32.	42.0	27.0	6G15FDLORX90	£8.35 € 9.43
-8	12	1/2	M18 x 1.5	74.	37.	53.	22.0	8G12FDLORX90	£12.99 € 14.68
-8	12	1/2	M22 x 1.5	78.	40.	42.0	27.0	8G15FDLORX90	£6.98 € 7.89
-8	12	1/2	M26 x 1.5	82.	44.0	52.	32.0	8G18FDLORX90	£20.00 € 22.60
-10	16	5/8	M26 x 1.5	85.	48.	52.	32.0	10G18FDLORX90	£9.32 € 10.54
-12	20	3/4	M26 x 1.5	100.	49.	52.	32.0	12G18FDLORX90	£32.59 € 36.83
-12	20	3/4	M30 x 2.0	107.	56.	62.0	36.0	12G22FDLORX90	£12.24 € 13.83
-16	25	1	M36 x 2.0	131.	74.	70.0	41.0	16G28FDLORX90	£24.59 € 27.79
-20	32	1.1/4	M45 x 2.0	142.	83.	80.0	50.0	20G35FDLORX90	£48.34 € 54.63
-24	40	1.1/2	M52 x 2.0	195.	121.0	92.0	60.0	24G51342FDLORX90	£45.72 € 51.66

## DIN 24° MDL



Male DIN parallel. 24° inverted cone. Light series. 24°

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TECH. DATA SHEET

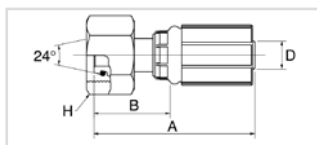
**GH01**

D			A			B			H		
SIZE	DN	"		mm	mm	mm	mm	mm	REF.	G	NETT. PRICE
										£ STERLING	€ EUROS
-4	6	1/4	M12 x 1.5	45.8	19.8	14	4G6MDL			£3.81	€ 4.31
-4	6	1/4	M14 x 1.5	46.8	20.8	17	4G8MDL			£4.28	€ 4.84
-4	6	1/4	M16 x 1.5	47.8	21.8	17	4G10MDL			£5.59	€ 6.31
-4	6	1/4	M18 x 1.5	50	24	19	4G12MDL			£6.64	€ 7.50
-5	8	5/16	M14 x 1.5	48.8	20.8	17	5G8MDL			£6.77	€ 7.65
-5	8	5/16	M16 x 1.5	49.8	21.8	17	5G10MDL			£6.66	€ 4.14
-5	8	5/16	M18 x 1.5	50.8	22.8	19	5G12MDL			£8.03	€ 9.08
-6	10	3/8	M16 x 1.5	49.8	21.9	17	6G10MDL			£3.82	€ 4.32
-6	10	3/8	M18 x 1.5	50.8	22.9	19	6G12MDL			£3.80	€ 4.30
-6	10	3/8	M22 x 1.5	51.8	23.9	24	6G15MDL			£4.76	€ 5.37
-8	12	1/2	M18 x 1.5	60.6	23.1	22	8G12MDL			£5.95	€ 6.73
-8	12	1/2	M22 x 1.5	61.5	24	24	8G15MDL			£4.13	€ 4.66
-8	12	1/2	M26 x 1.5	63	25.5	27	8G18MDL			£8.07	€ 9.12
-10	16	5/8	M26 x 1.5	62.5	25	27	10G18MDL			£6.42	€ 7.25
-12	20	3/4	M26 x 1.5	75.9	24.9	27	12G18MDL			£7.23	€ 8.17
-12	20	3/4	M30 x 2.0	78	27	32	12G22MDL			£8.73	€ 9.86
-16	25	1	M36 x 2.0	87.2	30.4	41	16G28MDL			£13.93	€ 15.74
-20	32	1.1/4	M45 x 2.0	94.1	35.1	46	20G35MDL			£33.96	€ 38.37
-24	40	1.1/2	M52 x 2.0	120	46.4	55	24G51342MDL			£31.91	€ 36.06





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## DIN 24° FDHORX

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TECH. DATA SHEET  
**GH01**

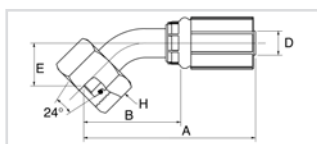


Female DIN 'CY' ring swivel. 24° cone. Heavy series.





									
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	£4.23	€ 4.78
-4	6	1/4	M16 x 1.5	54.4	28.4	19	4G8FDHORX	£3.35	€ 3.78
-4	6	1/4	M18 x 1.5	55.3	29.3	22	4G1 OFDHORX	£3.59	€ 4.06
-4	6	1/4	M20 x 1.5	55.7	29.7	24	4G12FDHORX	£3.92	€ 4.43
-5	8	5/16	M18 x 1.5	58	29.9	22	5G1OFDHORX	£4.00	€ 4.52
-5	8	5/16	M20 x 1.5	58	30	24	5G12FDHORX	£3.73	€ 4.21
-5	8	5/16	M22 x 1.5	58	30	27	5G14FDHORX	£21.29	€ 24.06
-6	10	3/8	M18 x 1.5	57.1	29.2	22	6G1 OFDHORX	£5.30	€ 5.99
-6	10	3/8	M20 x 1.5	57.8	29.9	24	6G12FDHORX	£3.65	€ 4.13
-6	10	3/8	M22 x 1.5	60.4	32.5	27	6G14FDHORX	£4.33	€ 4.89
-8	12	1/2	M20 x 1.5	70.2	32.7	24	8G12FDHORX	£5.87	€ 6.63
-8	12	1/2	M22 x 1.5	70	32.5	27	8G14FDHORX	£19.49	€ 22.02
-8	12	1/2	M24 x 1.5	71.1	33.6	30	8G16FDHORX	£4.91	€ 5.55
-8	12	1/2	M30 x 2.0	75.5	38	36	8G2OFDHORX	£16.54	€ 18.69
-10	16	5/8	M24 x 1.5	71.9	34.4	30	10G16FDHORX	£13.10	€ 14.81
-10	16	5/8	M30 x 2.0	75.7	38.2	36	10G2OFDHORX	£7.35	€ 8.31
-12	20	3/4	M30 x 2.0	91.7	40.7	36	12G2OFDHORX	£14.19	€ 16.03
-12	20	3/4	M36 x 2.0	96.1	45.1	46	12G25FDHORX	£10.77	€ 12.17
-16	25	1	M36 x 2.0	102.5	45.7	46	16G25FDHORX	£20.24	€ 22.88
-16	25	1	M42 x 2.0	106	49.2	50	16G3OFDHORX	£16.93	€ 19.13
-20	32	1.1/4	M52 x 2.0	116.8	57.8	60	20G38FDHORX	£39.89	€ 45.08
-24	40	1.1/2	M52 x 2.0	150	76.3	60	24GSP38FDHORX	£37.21	€ 42.05

## DIN 24° FDHORX45

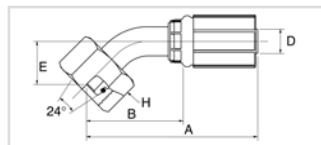
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Female DIN 'O' ring swivel. 24° cone. Heavy series.  
45° swept elbow. Drop dimensions meet ISO 12151-2.

									
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	£7.00    € 7.91
-4	6	1/4	M18 x 1.5	64.4	38.3	17.9	22	4G10FDHORX45	£6.42    € 7.25
-4	6	1/4	M20 x 1.5	66.7	40.7	18.3	24	4G12FDHORX45	£5.48    € 6.19
-5	8	5/16	M18 x 1.5	67.3	39.3	17.1	22	5G10FDHORX45	£9.29    € 10.50
-5	8	5/16	M20 x 1.5	67.7	39.7	18.9	24	5G12FDHORX45	£8.31    € 9.39
-6	10	3/8	M18 x 1.5	68.5	40.5	18.6	22	6G10FDHORX45	£10.12    € 11.44
-6	10	3/8	M20 x 1.5	68.8	40.9	18.9	24	6G12FDHORX45	£6.09    € 6.88
-6	10	3/8	M22 x 1.5	70.9	43	21	27	6G14FDHORX45	£16.68    € 18.85
-8	12	1/2	M22 x 1.5	91.5	54	27.1	27	8G14FDHORX45	£27.28    € 30.83
-8	12	1/2	M24 x 1.5	86	48.5	21.6	30	8G16FDHORX45	£8.32    € 9.40
-10	16	5/8	M30 x 2.0	93.1	55.7	24.9	36	10G20FDHORX45	£13.94    € 15.76
-12	20	3/4	M30 x 2.0	109.4	58.4	24.9	36	12G20FDHORX45	£25.40    € 28.70
-12	20	3/4	M36 x 2.0	118.6	67.6	31.2	46	12G25FDHORX45	£22.73    € 25.69
-16	25	1	M36 x 2.0	146.5	89.7	35.1	46	16G25FDHORX45	£30.02    € 33.92
-16	25	1	M42 x 2.0	139.8	83	35.1	50	16G30FDHORX45	£32.28    € 36.47
-20	32	1.1/4	M52 x 2.0	166.9	107.9	42.5	60	20G38FDHORX45	£52.26    € 59.05
-24	40	1.1/2	M52 x 2.0	208.9	135.2	44	60	24GSP38FDHORX45	£49.55    € 55.99

## DIN 24° FDHORX90



Female DIN 'O' ring swivel. 24° cone. Heavy series.  
90° swept elbow. Drop dimensions meet ISO 12151-2.

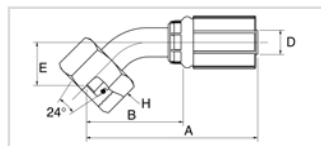
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TECH. DATA SHEET

GH01

				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	£6.69 € 7.56
-4	6	1/4	M16 x 1.5	57.5	31.5	35	19	4G8FDHORX90	£5.73 € 6.48
-4	6	1/4	M18x 1.5	57.6	31.5	36.5	22	4G10FDHORX90	£5.66 € 6.40
-4	6	1/4	M20x 1.5	59.6	33.5	37	24	4G12FDHORX90	£5.48 € 6.19
-5	8	5/16	M18x 1.5	62.5	34.4	36.5	22	5G10FDHORX90	£8.65 € 9.78
-5	8	5/16	M20x 1.5	59	31	37	24	5G12FDHORX90	£6.49 € 7.33
-5	8	5/16	M22 x 1.5	59	31	40	27	5G14FDHORX90	£23.38 € 26.42
-6	10	3/8	M18x 1.5	60.1	32.2	36.5	22	6G10FDHORX90	£9.57 € 10.81
-6	10	3/8	M20x 1.5	60.1	32.2	37	24	6G12FDHORX90	£6.10 € 6.89
-6	10	3/8	M22 x 1.5	60.1	32.2	40	27	6G14FDHORX90	£10.58 € 11.96
-8	12	1/2	M24 x 1.5	77.9	40.4	44	30	8G16FDHORX90	£8.32 € 9.40
-10	16	5/8	M30 x 2.0	84.1	46.6	51	36	10G20FDHORX90	£12.40 € 14.01
-12	20	3/4	M30 X 2.0	100.3	49.3	51	36	12G20FDHORX90	£25.40 € 28.70
-12	20	3/4	M36 x 2.0	107.3	56.3	64	46	12G25FDHORX90	£17.22 € 19.46
-16	25	1	M36 x 2.0	137.8	81	76	46	16G25FDHORX90	£30.02 € 33.92
-16	25	1	M42 x 2.0	131.1	74.3	76	50	16G30FDHORX90	£30.50 € 34.47
-20	32	1.1/4	M52 x 2.0	151.4	92.4	87	60	20G38FDHORX90	£58.59 € 66.21
-24	40	1.1/2	M52 x 2.0	194.6	121	92	60	24GSP38FDHORX90	£56.44 € 63.77

## DIN 24°



Male DIN parallel. 24° inverted cone. Heavy series. 24°

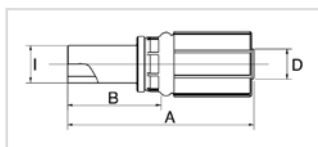
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GH01




				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	£6.27 € 7.08	
-4	6	1/4	M18 x 1.5	52.5	26.5	19	4G10MDH	£7.01 € 7.93	
-5	8	5/16	M18 x 1.5	53.8	25.8	19	5G10MDH	£6.76 € 7.64	
-5	8	5/16	M20 x 1.5	55.8	27.8	22	5G12MDH	£7.28 € 8.22	
-6	10	3/8	M18 x 1.5	55	27.1	19	6G10MDH	£5.24 € 5.92	
-6	10	3/8	M20 x 1.5	57.5	29.6	24	6G12MDH	£3.98 € 4.50	
-6	10	3/8	M22 x 1.5	59.5	31.6	24	6G14MDH	£4.55 € 5.14	
-8	12	1/2	M20 x 1.5	66.5	29	24	8G12MDH	£19.49 € 22.02	
-8	12	1/2	M24 x 1.5	69	31.5	27	8G16MDH	£5.30 € 5.99	
-10	16	5/8	M30 x 2.0	73.5	36	32	10G20MDH	£7.46 € 8.42	
-12	20	3/4	M30 x 2.0	84.9	33.9	32	12G20MDH	£12.52 € 14.14	
-12	20	3/4	M36 x 2.0	92	41	41	12G25MDH	£12.03 € 13.60	
-16	25	1	M36 x 2.0	97.2	40.4	41	16G25MDH	£33.08 € 37.37	
-16	25	1	M42 x 2.0	99.2	42.4	46	16G30MDH	£18.46 € 20.86	
-20	32	1.1/4	M52 X 2.0	108.1	49.1	55	20G38MDH	£41.36 € 46.74	

## METRIC MSP

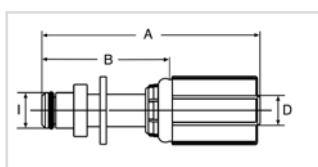


Metric standpipe.

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TECH. DATA SHEET  
**GH01**




							
SIZE	D		A	B	H	REF.	
	DN	"	mm	mm	mm	G	NETT. PRICE
							£ STERLING € EUROS
-4	6	1/4	L6	62.5	36.5	4G6MSP	£3.57 € 4.03
-4	6	1/4	L8	62.5	36.5	4G8MSP	£3.64 € 4.12
-4	6	1/4	L10	64.5	38.5	4G10MSP	£3.57 € 4.03
-5	8	5/16	L8	64.5	36.5	5G8MSP	£8.82 € 9.97
-5	8	5/16	L10	66.5	38.5	5G10MSP	£4.13 € 4.66
-5	8	5/16	L12	66.5	38.5	5G12MSP	£4.36 € 4.92
-6	10	3/8	L10	66.5	38.6	6G10MSP	£3.26 € 3.68
-6	10	3/8	L12	66.5	38.6	6G12MSP	£2.87 € 3.24
-8	12	1/2	L15	76.3	38.8	8G15MSP	£4.66 € 5.27
-10	16	5/8	L18	77.2	39.7	10G18MSP	£6.01 € 6.79
-12	20	3/4	L22	93.2	42.2	12G22MSP	£6.88 € 7.77

## POWERWASH PWSP



Male PowerWash standpipe with 'O' ring.

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TECH. DATA SHEET  
**GH01**

							
SIZE	D		A	B	H	REF.	
	DN	"	mm	mm	mm	G	NETT. PRICE
							£ STERLING € EUROS
-4	6	1/4	59.6	36.5	9.9	4G1 OPWSP	£14.30 € 16.16
-5	8	5/16	64.5	36.5	9.9	5G1 OPWSP	£4.17 € 4.71
-5	8	5/16	67.5	39.5	10.9	5G11PWSP	£4.17 € 4.71
-6	10	3/8	64.5	36.6	9.9	6G1 OPWSP	£8.75 € 9.88
-6	10	3/8	67.5	39.6	10.9	6G11PWSP	£8.75 € 9.88

## VINCKE HYDRAULIC HOSES

Vincke is a brand of hydraulic hoses, certainly recognised as a product of high quality and an excellent performance.

More than 40 years manufacturing and distributing hydraulic hoses around the world. The use of first quality raw materials, together with the sophisticated technology and controls throughout the production process, ensure the highest quality Level.

**Standard Hose** - Two Wire Braid Hydraulic Hose meets or exceeds DIN EN 853 2SN, SAE 100R2 AT and ISO 1436

**Smooth Hose** - Two Wire braid hydraulic Hose meets or exceeds EN857 2SC

### Construction

- Tube: seamless oil resistant synthetic rubber
- Reinforcement: 2 high tensile steel wire braid
- Wrapped cover: weather, abrasion and ozone, resistant synthetic rubber
- Fluid resistance: Hydraulic fluids on mineral, vegetable and synthetic oil, water based fluids
- Temp range, continuous service: -40°C + 100°C Max (max 120°C intermittent)

### Product Structure

- Provides superior oil resistance, heat resistance and aging resistance by using special synthetic rubber
- Provides high pressure resistance and superior impulse resistance.
- Provides superior kink resistance and fatigue resistance.
- Provides longer service life.

### Storage of hydraulic hoses

- Store cool, dry, away from dust and protect from direct sunshine and UV radiation.
- Shield from nearby heat sources. Do not allow hoses to come into contact with materials that could damage them.
- Maximum storage period in accordance with DIN 20066 recommendations: 4 years for hose material and 2 years for hose lines. So, Max. 6 years.



## VINCKE STANDARD HOSE



**Medium-High Pressure** - Two Wire Braid Hydraulic Hose meets or exceeds DIN EN 853 2SN, SAE 100R2 AT and ISO 1436

VINCKE HH-22

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TECH. DATA SHEET  
**VHS01**

2SN											
NOMINAL Ø		INSIDE Ø	BRAID Ø	OUTSIDE Ø	BURST PRESSURE		MAX. WORKING PRESSURE		MINIMUM BEND RADIUS	PER METRE	
PART NO.	INCH	DASH SIZE	MM	MM	MM	BAR	PSI	BAR	PSI	MM	NETT. PRICE
											£ STERLING € EUROS
HOSE-VNK-04	1/4"	04	6,4	12,8	15	1700	24650	400	5800	100	£2.48 € 2.80
HOSE-VNK-06	3/8"	06	9,5	16,7	18,9	1450	21025	330	4785	130	£3.29 € 3.71
HOSE-VNK-08	1/2"	08	12,7	19,8	22,2	1300	18850	275	3988	180	£3.96 € 4.47
HOSE-VNK-10	5/8"	10	16	22,9	25,2	1050	15225	250	3625	200	£5.38 € 6.07
HOSE-VNK-12	3/4"	12	19	26,9	29,2	960	13920	215	3118	240	£6.00 € 6.77
HOSE-VNK-16	1"	16	25,4	34,8	37,2	690	10005	165	2393	300	£7.51 € 8.48
HOSE-VNK-20	1 1/4"	20	31,8	44,3	47,3	500	7250	125	1813	420	£11.58 € 13.09
HOSE-VNK-24	1 1/2"	24	38,1	50,7	53,7	360	5220	90	1305	500	£13.23 € 14.95
HOSE-VNK-32	2"	32	50,8	63,5	66,7	320	4640	80	1160	630	£16.54 € 18.69

## VINCKE SMOOTH HOSE



**Medium-High Pressure** - Two Wire Braid Hydraulic Hose meets or exceeds EN857 2SC

VINCKE HH-24S

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TECH. DATA SHEET  
**VHS01**

2SN											
NOMINAL Ø		INSIDE Ø	BRAID Ø	OUTSIDE Ø	BURST PRESSURE		MAX. WORKING PRESSURE		MINIMUM BEND RADIUS	PER METRE	
PART NO.	INCH	DASH SIZE	MM	MM	MM	BAR	PSI	BAR	PSI	MM	NETT. PRICE
											£ STERLING € EUROS
HOSE-SMVNK-04	1/4"	04	6,4	11,1	13,3	1680	24360	420	6090	50	£3.68 € 4.15
HOSE-SMVNK-06	3/8"	06	9,5	15	17,1	1400	20300	350	5075	65	£4.73 € 5.34
HOSE-SMVNK-08	1/2"	08	12,7	18,6	20,7	1240	17980	310	4495	90	£5.78 € 6.53
HOSE-SMVNK-10	5/8"	10	16	21,7	23,8	1120	16240	280	4060	100	£5.51 € 6.23
HOSE-SMVNK-12	3/4"	12	19	25,6	27,7	1080	15660	270	3915	120	£6.04 € 6.82
HOSE-SMVNK-16	1"	16	25,4	33,3	35,5	740	10730	185	2683	150	£7.61 € 8.60



## FERRULE 1SN 2SN 2SC 2SNK / 1SN 2SN 2SC 2SNK

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**VHS01**

REF.	HOSE DIAMETER	NETT. PRICE	
		£ STERLING	€ EUROS
FH-FER-04	1/4"	£0.54	€ 0.61
FH-FER-06	3/8"	£0.64	€ 0.72
FH-FER-08	1/2"	£0.79	€ 0.89
FH-FER-10	5/8"	£1.12	€ 1.27
FH-FER-12	3/4"	£1.37	€ 1.54
FH-FER-16	1"	£2.69	€ 3.04
FH-FER-20	1" 1/4	£5.65	€ 6.38
FH-FER-24	1" 1/2	£7.36	€ 8.32
FH-FER-32	2"	£11.30	€ 12.77

## BSP FITTINGS



### BSPP STRAIGHT SWIVEL FEMALE

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**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
HF0204CF	1/4"	1/8" BSPP Straight	£2.10	€ 2.37
HF0404CF	1/4"	1/4" BSPP Straight	£0.82	€ 0.93
HF0604CF	1/4"	3/8" BSPP Straight	£1.37	€ 1.54
HF0406CF	3/8"	1/4" BSPP Straight	£1.66	€ 1.87
HF0606CF	3/8"	3/8" BSPP Straight	£1.27	€ 1.44
HF0806CF	3/8"	1/2" BSPP Straight	£1.63	€ 1.84
HF0608CF	1/2"	3/8" BSPP Straight	£1.96	€ 2.22
HF0808CF	1/2"	1/2" BSPP Straight	£1.63	€ 1.84
HF1008CF	1/2"	5/8" BSPP Straight	£3.31	€ 3.74
HF1208CF	1/2"	3/4" BSPP Straight	£3.75	€ 4.24
HF1010CF	5/8"	5/8" BSPP Straight	£3.31	€ 3.74
HF1210CF	5/8"	3/4" BSPP Straight	£4.17	€ 4.71
HF1212CF	3/4"	3/4" BSPP Straight	£2.87	€ 3.24
HF1612CF	3/4"	1" BSPP Straight	£3.97	€ 4.48
HF1616CF	1"	1" BSPP Straight	£3.97	€ 4.48
HF2016CF	1" 1	1.1/4" BSPP Straight	£9.92	€ 11.21
HF2020CF	1" 1/4	1" 1/4 BSPP Straight	£8.80	€ 9.94
HF2424CF	1" 1/2	1" 1/2 BSPP Straight	£11.33	€ 12.80
HF3232CF	2"	2" BSPP Straight	£25.71	€ 29.06



### BSPP 45° SWIVEL FEMALE

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TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
HF044504CF	1/4"	1/4" BSPP 45°	£1.04	€ 1.17
HF064504CF	1/4"	3/8" BSPP 45°	£1.77	€ 2.01
HF064506CF	3/8"	3/8" BSPP 45°	£1.48	€ 1.67
HF084506CF	3/8"	1/2" BSPP 45°	£1.48	€ 1.67
HF084508CF	1/2"	1/2" BSPP 45°	£2.29	€ 2.59
HF104508CF	1/2"	5/8" BSPP 45°	£3.97	€ 4.48
HF124508CF	1/2"	3/4" BSPP 45°	£6.42	€ 7.25
HF104510CF	5/8"	5/8" BSPP 45°	£5.19	€ 5.86
HF124510CF	5/8"	3/4" BSPP 45°	£5.51	€ 6.23
HF124512CF	3/4"	3/4" BSPP 45°	£3.64	€ 4.12
HF164516CF	1"	1" BSPP 45°	£6.48	€ 7.32
HF204520CF	1" 1/4	1" 1/4 BSPP 45°	£14.37	€ 16.24
HF244524CF	1" 1/2	1" 1/2 BSPP 45°	£28.67	€ 32.39
HF324532CF	2"	2" BSPP 45°	£63.97	€ 72.28



### BSPP COMPACT 90° SWIVEL FEMALE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
HF0490C04CF	1/4"	1/4" BSPP 90°	£3.31	€ 3.74
HF0690C06CF	3/8"	3/8" BSPP 90°	£4.41	€ 4.98
HF0890C08CF	1/2"	1/2" BSPP 90°	£5.51	€ 6.23
HF1290C12CF	3/4"	3/4" BSPP 90°	£7.72	€ 8.72



## BSPP SWEPT 90° SWIVEL FEMALE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
HF049004CF	1/4"	1/4" BSPP 90°	£1.04	€ 1.17
HF069004CF	1/4"	3/8" BSPP 90°	£1.66	€ 1.87
HF069006CF	3/8"	3/8" BSPP 90°	£1.54	€ 1.74
HF089006CF	3/8"	1/2" BSPP 90°	£2.23	€ 2.52
HF069008CF	1/2"	3/8" BSPP 90°	£2.54	€ 2.87
HF089008CF	1/2"	1/2" BSPP 90°	£2.18	€ 2.47
HF109008CF	1/2"	5/8" BSPP 90°	£6.57	€ 7.43
HF129008CF	1/2"	3/4" BSPP 90°	£3.93	€ 4.44
HF109010CF	5/8"	5/8" BSPP 90°	£3.97	€ 4.48
HF129010CF	5/8"	3/4" BSPP 90°	£3.97	€ 4.48
HF129012CF	3/4"	3/4" BSPP 90°	£3.57	€ 4.03
HF169012CF	3/4"	1" BSPP 90°	£6.51	€ 7.36
HF169016CF	1"	1" BSPP 90°	£6.51	€ 7.36
HF209016CF	1"	1.1/4" BSPP 90°	£13.45	€ 15.20
HF209020CF	1" 1/4	1" 1/4 BSPP 90°	£14.37	€ 16.24
HF249024CF	1" 1/2	1" 1/2 BSPP 90°	£19.62	€ 22.18
HF329032CF	2"	2" BSPP 90°	£63.97	€ 72.28



## BSPP STUD MALE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
HM0204CF	1/4"	1/8" BSPP STUD	£2.14	€ 2.42
HM0404CF	1/4"	1/4" BSPP STUD	£1.17	€ 1.32
HM0406CF	1/4"	3/8" BSPP STUD	£0.87	€ 0.98
HM0804CF	1/4"	1/2" BSPP STUD	£2.94	€ 3.32
HM0405CF	5/16"	1/4" BSPP STUD	£1.92	€ 2.17
HM0605CF	5/16"	3/8" BSPP STUD	£1.51	€ 1.71
HM0406CF	3/8"	1/4" BSPP STUD	£2.69	€ 3.04
HM0606CF	3/8"	3/8" BSPP STUD	£1.28	€ 1.45
HM0806CF	3/8"	1/2" BSPP STUD	£1.89	€ 2.14
HM0608CF	1/2"	3/8" BSPP STUD	£2.03	€ 2.29
HM0808CF	1/2"	1/2" BSPP STUD	£1.79	€ 2.02
HM1008CF	1/2"	5/8" BSPP STUD	£3.60	€ 4.07
HM1208CF	1/2"	3/4" BSPP STUD	£6.09	€ 6.88
HM0810CF	5/8"	1/2" BSPP STUD	£4.66	€ 5.27
HM1010CF	5/8"	5/8" BSPP STUD	£4.14	€ 4.67
HM1210CF	5/8"	3/4" BSPP STUD	£4.26	€ 4.82
HM1212CF	3/4"	3/4" BSPP STUD	£3.48	€ 3.93
HM1612CF	3/4"	1" BSPP STUD	£9.04	€ 10.22
HM1616CF	1"	1" BSPP STUD	£6.84	€ 7.72
HM2016CF	1"	1" 1/4 BSPP STUD	£22.29	€ 25.19
HM2020CF	1" 1/4	1" 1/4 BSPP STUD	£13.01	€ 14.70
HM2420CF	1" 1/4	1" 1/2 BSPP STUD	£44.59	€ 50.39
HM2424CF	1" 1/2	1" 1/2 BSPP STUD	£27.75	€ 31.36
HM3224CF	1" 1/2	2" BSPP STUD	£59.77	€ 67.54
HM3232CF	2"	2" BSPP STUD	£53.21	€ 60.13

## JIC FITTINGS



### JIC STRAIGHT SWIVEL FEMALE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
HJ-JF0404CF	1/4"	7/16" JIC Straight	£0.84	€ 0.95
HJ-JF0504CF	1/4"	1/2" JIC Straight	£1.19	€ 1.34
HJ-JF0604CF	1/4"	9/16" JIC Straight	£0.92	€ 1.04
HJ-JF0606CF	3/8"	9/16" JIC Straight	£0.92	€ 1.04
HJ-JF0806CF	3/8"	3/4" JIC Straight	£1.24	€ 1.40
HJ-JF1006CF	3/8"	7/8" JIC Straight	£1.76	€ 1.99
HJ-JF0808CF	1/2"	3/4" JIC Straight	£1.24	€ 1.40
HJ-JF1008CF	1/2"	7/8" JIC Straight	£1.68	€ 1.90
HJ-JF1208CF	1/2"	1.1/16" JIC Straight	£2.47	€ 2.79
HJ-JF1010CF	5/8"	7/8" JIC Straight	£2.82	€ 3.19
HJ-JF1210CF	5/8"	1.1/16" JIC Straight	£3.95	€ 4.46
HJ-JF1212CF	3/4"	1.1/16" JIC Straight	£2.23	€ 2.52
HJ-JF1412CF	3/4"	1.3/16" JIC Straight	£6.62	€ 7.47
HJ-JF1612CF	3/4"	1.5/16" JIC Straight	£4.41	€ 4.98
HJ-JF1616CF	1"	1.5/16" JIC Straight	£4.89	€ 5.53
HJ-JF2016CF	1"	1.5/8" JIC Straight	£9.70	€ 10.96
HJ-JF2020CF	1" 1/4	1.5/8" JIC Straight	£5.82	€ 6.57
HJ-JF2420CF	1" 1/4	1" 7/8 JIC Straight	£20.44	€ 23.10
HJ-JF2424CF	1" 1/2	1" 7/8 JIC Straight	£7.63	€ 8.63
HJ-JF3232CF	2"	2" 1/2 JIC Straight	£24.12	€ 27.25



### JIC 45° SWIVEL FEMALE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
HJ-JF054504CF	1/4"	1/2" JIC 45°	£1.70	€ 1.92
HJ-JF064504CF	1/4"	9/16" JIC 45°	£1.70	€ 1.92
HJ-JF064506CF	3/8"	9/16" JIC 45°	£1.70	€ 1.92
HJ-JF084506CF	3/8"	3/4" JIC 45°	£2.34	€ 2.65
HJ-JF104506CF	3/8"	7/8" JIC 45°	£3.00	€ 3.39
HJ-JF084508CF	1/2"	3/4" JIC 45°	£2.34	€ 2.65
HJ-JF124508CF	1/2"	7/8" JIC 45°	£2.87	€ 3.24
HJ-JF14508CF	1/2"	1.1/16" JIC 45	£3.69	€ 4.16
HJ-JF104510CF	5/8"	7/8" JIC 45°	£3.69	€ 4.16
HJ-JF124510CF	5/8"	1.1/16" JIC 45	£6.59	€ 7.45
HJ-JF124512CF	3/4"	1.1/16" JIC 45°	£3.75	€ 4.24
HJ-JF164512CF	3/4"	1.5/16" JIC 45°	£11.03	€ 12.46
HJ-JF164516CF	1"	1.5/16" JIC 45°	£7.30	€ 8.25
HJ-JF204516CF	1"	1.5/8" JIC 45°	£31.57	€ 35.68
HJ-JF204520CF	1" 1/4	1.5/8" JIC 45°	£26.90	€ 30.40
HJ-JF244524CF	1" 1/2	1" 7/8 JIC 45°	£54.46	€ 61.54



## JIC SWEPT 90° SWIVEL FEMALE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
HJ-JF049004CF	1/4"	7/16" JIC 90°	£1.17	€ 1.32
HJ-JF059004CF	1/4"	1/2" JIC 90°	£1.61	€ 1.82
HJ-JF069004CF	1/4"	9/16" JIC 90°	£1.61	€ 1.82
HJ-JF049004CF	1/4"	7/16" JIC 90°	£1.46	€ 1.65
HJ-JF069006CF	3/8"	9/16" JIC 90°	£1.61	€ 1.82
HJ-JF089006CF	3/8"	3/4" JIC 90°	£1.61	€ 1.82
HJ-JF109006CF	3/8"	7/8" JIC 90°	£3.00	€ 3.39
HJ-JF089008CF	1/2"	3/4" JIC 90°	£2.23	€ 2.52
HJ-JF109008CF	1/2"	7/8" JIC 90°	£2.87	€ 3.24
HJ-JF129008CF	1/2"	1.1/16" JIC 90	£3.69	€ 4.16
HJ-JF109010CF	5/8"	7/8" JIC 90°	£3.20	€ 3.62
HJ-JF129010CF	5/8"	1.1/16 JIC 90°	£4.05	€ 4.58
HJ-JF129012CF	3/4"	1.1/16" JIC 90	£4.11	€ 4.64
HJ-JF149012CF	3/4"	1.3/16" JIC 90	£9.92	€ 11.21
HJ-JF169012CF	3/4"	1.5/16" JIC 90	£7.61	€ 8.60
HJ-JF209016CF	1"	1.5/8" JIC 90°	£6.95	€ 7.85
HJ-JF209020CF	1" 1/4	1.5/8" JIC 90°	£11.49	€ 12.98
HJ-JF249024CF	1" 1/2	1" 7/8 JIC 90°	£14.33	€ 16.20
HJ-JF329032CF	2"	2" 1/2 JIC 90°	£85.16	€ 96.23



## JIC STUD MALE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
JM0404CF	1/4"	7/16" JIC STUD	£1.33	€ 1.51
JM0504CF	1/4"	1/2" JIC STUD	£1.75	€ 1.98
JM0604CF	1/4"	9/16" JIC STUD	£1.69	€ 1.91
JM0605CF	5/16"	9/16" JIC STUD	£1.69	€ 1.91
JM0606CF	3/8"	9/16" JIC STUD	£1.17	€ 1.32
JM0806CF	3/8"	3/4" JIC STUD	£1.49	€ 1.68
JM0808CF	3/8"	7/8" JIC STUD	£3.48	€ 3.93
JM1006CF	1/2"	3/4" JIC STUD	£1.67	€ 1.89
JM1008CF	1/2"	7/8" JIC STUD	£2.24	€ 2.53
JM1208CF	1/2"	1" 1/16 JIC STUD	£4.11	€ 4.64
JM1010CF	5/8"	7/8" JIC STUD	£2.67	€ 3.01
JM1210CF	5/8"	1" 1/16 JIC STUD	£3.18	€ 3.60
JM1212CF	3/4"	1" 1/16 JIC STUD	£3.15	€ 3.56
JM1412CF	3/4"	1" 3/16 JIC STUD	£5.70	€ 6.44
JM1612CF	3/4"	1" 5/16 JIC STUD	£5.27	€ 5.96
JM1616CF	1"	1" 5/16 JIC STUD	£6.17	€ 6.98
JM2020CF	1" 1/4	1" 5/8 JIC STUD	£15.72	€ 17.76
JM2424CF	1" 1/2	1" 7/8 JIC STUD	£31.48	€ 35.57
JM3232CF	2"	2" 1/2 JIC STUD	£33.45	€ 37.80

## METRIC FITTINGS



### METRIC STRAIGHT SWIVEL FEMALE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
MET-04-M12CF	1/4"	M12 x 1.5 METRIC STRAIGHT	£1.12	€ 1.27
MET-04-M12CF	1/4"	M14 x 1.5 METRIC STRAIGHT	£1.12	€ 1.27
MET-04-M16CF	1/4"	M16 x 1.5 METRIC STRAIGHT	£0.90	€ 1.02
MET-04-M18CF	1/4"	M18 x 1.5 METRIC STRAIGHT	£1.10	€ 1.25
MET-06-M16CF	3/8"	M16 x 1.5 METRIC STRAIGHT	£1.28	€ 1.45
MET-06-M18CF	3/8"	M18 x 1.5 METRIC STRAIGHT	£1.22	€ 1.38
MET-06-M22CF	3/8"	M22 x 1.5 METRIC STRAIGHT	£1.56	€ 1.77
MET-08-M22CF	1/2"	M22 x 1.5 METRIC STRAIGHT	£1.46	€ 1.65
MET-08-M26CF	1/2"	M26 x 1.5 METRIC STRAIGHT	£3.64	€ 4.12
MET-10-M26CF	5/8"	M26 x 1.5 METRIC STRAIGHT	£1.54	€ 1.74
MET-10-M30CF	5/8"	M30 x 1.5 METRIC STRAIGHT	£2.76	€ 3.12
MET-12-M30CF	3/4"	M30 x 2 METRIC STRAIGHT	£2.56	€ 2.90
MET-16-M36CF	1"	M36 x 2 METRIC STRAIGHT	£5.73	€ 6.48



### METRIC 45° SWIVEL FEMALE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
MET-0445-M12CF	1/4"	M12 x 1.5 METRIC 45°	£1.37	€ 1.54
MET-0445-M14CF	1/4"	M14 x 1.5 METRIC 45°	£1.56	€ 1.77
MET-0445-M16CF	1/4"	M16 x 1.5 METRIC 45°	£1.56	€ 1.77
MET-0645-M16CF	3/8"	M16 x 1.5 METRIC 45°	£1.83	€ 2.06
MET-0645-M18CF	3/8"	M18 x 1.5 METRIC 45°	£1.88	€ 2.12
MET-0845-M22CF	1/2"	M22 x 1.5 METRIC 45°	£2.40	€ 2.72
MET-1045-M26CF	5/8"	M26 x 1.5 METRIC 45°	£3.00	€ 3.39
MET-1245-M30CF	3/4"	M30 x 2 METRIC 45°	£4.75	€ 5.36
MET-1645-M36CF	1"	M36 x 2 METRIC 45°	£9.60	€ 10.84
MET-2045-M45CF	1" 1/4	M45 x 2 METRIC 45°	£15.63	€ 17.67
MET-2445-M52CF	1" 1/2	M52 x 2 METRIC 45°	£23.71	€ 26.79



### METRIC SWEPT 90° SWIVEL FEMALE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
MET-0490-M12CF	1/4"	M12 x 1.5 METRIC 90°	£1.28	€ 1.45
MET-0490-M14CF	1/4"	M14 x 1.5 METRIC 90°	£1.50	€ 1.70
MET-0490-M16CF	1/4"	M16 x 1.5 METRIC 90°	£1.50	€ 1.70
MET-0490-M18CF	1/4"	M18 x 1.5 METRIC 90°	£1.54	€ 1.74
MET-0690-M16CF	3/8"	M16 x 1.5 METRIC 90°	£1.81	€ 2.04
MET-0690-M18CF	3/8"	M18 x 1.5 METRIC 90°	£1.81	€ 2.04
MET-0890-M22CF	1/2"	M22 x 1.5 METRIC 90°	£2.29	€ 2.59
MET-1090-M26CF	5/8"	M26 x 1.5 METRIC 90°	£2.89	€ 3.26
MET-1290-M26CF	3/4"	M26 x 1.5 METRIC 90°	£7.74	€ 8.74
MET-1290-M30CF	3/4"	M30 x 2 METRIC 90°	£4.57	€ 5.16
MET-1690-M36CF	1"	M36 x 2 METRIC 90°	£8.76	€ 9.90
MET-2090-M45CF	1" 1/4	M45 x 2 METRIC 90°	£15.02	€ 16.97
MET-2490-M52CF	1" 1/2	M52 x 2 METRIC 90°	£22.77	€ 25.74





## METRIC STUD MALE

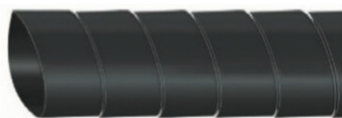
www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**

REF.	HOSE DIAMETER	THREAD SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
METM-04-M14CF	1/4"	M14 x 1.5 METRIC STUD	£1.11	€ 1.26
METM-04-M16CF	1/4"	M16 x 1.5 METRIC STUD	£1.80	€ 2.03
METM-05-M16CF	5/16"	M16 x 1.5 METRIC STUD	£1.48	€ 1.67
METM-05-M18CF	5/16"	M18 x 1.5 METRIC STUD	£2.21	€ 2.49
METM-06-M16CF	3/8"	M16 x 1.5 METRIC STUD	£1.63	€ 1.84
METM-06-M18CF	3/8"	M18 x 1.5 METRIC STUD	£1.31	€ 1.48
METM-06-M22CF	3/8"	M22 x 1.5 METRIC STUD	£2.69	€ 3.04
METM-08-M22CF	1/2"	M22 x 1.5 METRIC STUD	£1.94	€ 2.20
METM-08-M26CF	1/2"	M26 x 1.5 METRIC STUD	£3.95	€ 4.46
METM-10-M26CF	5/8"	M26 x 1.5 METRIC STUD	£4.00	€ 4.52
METM-12-M30CF	3/4"	M30 x 2 METRIC STUD	£4.39	€ 4.96
METM-16-M36CF	1"	M36 x 2 METRIC STUD	£7.26	€ 8.20
METM-20-M45CF	1" 1/4	M45 x 2 METRIC STUD	£12.35	€ 13.95
METM-24-M52CF	1" 1/2	M52 x 2 METRIC STUD	£18.35	€ 20.74

## HOSE PROTECTION

### PLASTIC SPIRAL HOSE SLEEVE

www.flowfitonline.com  
TECH. DATA SHEET  
**VHS01**



Provides high strength abrasion resistance for most types of hydraulic, pneumatic and industrial hose assemblies across a wide range of industries including: mining, forestry, drill rigs, plant and agricultural machinery, automotive, marine and offshore.

Exceptional anti-crushing performance, High abrasion resistance and good UV resistance.

Easy installation and routing, proven in arduous conditions.

Conveniently coiled and packed in cartons for easy storage.

Suitable for wrapping single hoses or multiple hose looms.

Working Temperature -40°C to +90°C

PART NO.			INSIDE	OUTSIDE	THICKNESS	SPIRAL PITCH	BOX	PER METRE NETT. PRICE	
	2SN	2SC	MM	MM	MM	MM		£ STERLING	€ EUROS
PLASTICSPIRAL013	1/4"	1/4"	13	16	1.6	12	20	£1.38	€ 1.55
PLASTICSPIRAL017	3/8"	3/8"	17	20	1.9	16	20	£1.66	€ 1.87
PLASTICSPIRAL021	1/2"	1/2"	21	25	2.9	20	20	£1.93	€ 2.18
PLASTICSPIRAL027	5/8", 3/4"	5/8", 3/4"	27	32	2.3	22	20	£3.03	€ 3.43
PLASTICSPIRAL035	1"	1"	35	40	2.7	24	20	£3.31	€ 3.74
PLASTIC SPIRAL045	1 1/4", 1 1/2"	---	45	50	3	30	20	£3.86	€ 4.37
PLASTIC SPIRAL069	2"	---	69	75	3.8	42	20	£7.99	€ 9.03

## HAND HOSE CRIMPERS

### FFH16

#### Portable Hand Hose Crimping Machine – Max hose size 1" (DN25, -16)

Light portable hand crimper for on-site hose repairs.

The FFH16 crimper is the ideal tool for ON-SITE hydraulic hose repair jobs.

Typically used in agriculture, forestry, road works either loaded at the back of the mobile van or in a workshop as the emergency hose repair tool.

The machine is equipped with a resistant and robust pump, and a simple adjustment vernier.

The double speed hand pump limits the number of pump strokes needed to achieve a crimp.

The end of the crimp is indicated thanks to a colored rod coming out of the vernier when the desired crimp OD is reached.

The head of the machine is also internally protected against debris or dust that could damage the inside of the cylinder and the seals.



#### PRODUCT FEATURES

- LIGHT WEIGHT 28 KGS
- ROBUST TECHNOLOGY
- COMPACT AND BALANCED WEIGHT
- EASY TO USE

#### TECHNICAL SPECIFICATION

Capacity : For hydraulic hose crimping and intermittent use	2-SN: 1" (DN25; -16) 4-SP: 1/2" (DN13; -10) Limit for assembly with 2 x 90° elbows: max 1/2" (DN13)
Hand Pump	Double Speed Pump with handle, delivered with oil HV32 Max. 350 bar
Radial Crimp force	80 tons
Die opening	Ø Die. + 20mm
Opening without dies	59 mm
Length of master die shoe	56 mm
Dimensions of machine	Width: 300mm Depth: 220mm Height: 400mm
Net weight (with oil, without dies)	28 kgs
Packing details (for transport purposes)	Each Machine is packed in a wood crate suitable for long haul freight, conform to NIMP15 norms Dimension of packing : 26x41x48cms Gross weight (with 6 sets of dies) : 35 kgs

#### PRICE FOR MACHINE

**£1,359.79 +VAT**

1" DIE PART OF CRIMPER

SELECT ADDITIONAL DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF60DIES-10	10	*BY MAN	£156.14	€ 176.43
FF61DIES-12	12	*BY MAN	£156.14	€ 176.43
FF62DIES-15	15	*BY MAN	£156.14	€ 176.43
FF63DIES-18	18	**1/4"	£156.14	€ 176.43
FF64DIES-21	21	**3/8"	£156.14	€ 176.43
FF65DIES-24	24	**1/2"	£156.14	€ 176.43
FF66DIES-27	27	**5/8"	£156.14	€ 176.43
FF67DIES-30	30	**3/4"	£156.14	€ 176.43
FF67DIES-30	30	3/4"	£156.14	€ 176.43

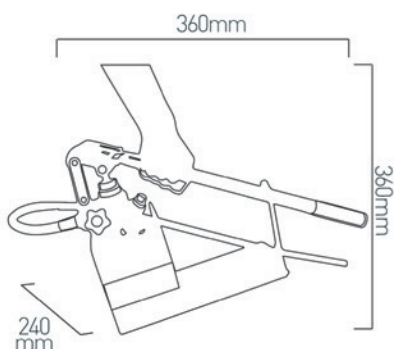
\*\*The hose sizes stating hose size in table above are for use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose manufacturers crimping data- Please check with YOUR hose supplier!

## FFS16/80T

### Portable Hose Crimping Machine Max 1" 2-SN (DN25, -16)

The FFS16/80T is ideal for on-site hose repairs as it will help to repair hoses with uneasy access. The magnetic head of the FFS16/80T also allows you to position the head at an ideal height or safely position the head onto the boom of a machine where a hose needs to be repaired.



**Crimps  
up to 1"  
Hose**



**OPTION AIR PUMP  
AND DC PUMP**



### PRODUCT FEATURES

- SPLITTED HEAD AND PUMP CONCEPT
- HEAD WITH MAGNET
- IDEAL FOR ON SITE HOSE REPAIRS

### TECHNICAL SPECIFICATION

Capacity : For hydraulic hose crimping and intermittent use	2-SN: 1" (DN25; -16) 4-SP: 1/2" (DN13; -10) Limit for assembly with 2 x 90° elbows: max 1/2" (DN13)
Hand Pump	Double Stage 25cm3 + 5cm3, Max 320 Bar
Radial Crimp force	80 tons
Die opening	Ø Die. + 20mm
Opening without dies	56 mm
Head Dimensions	Width: 240mm Depth: 130mm Height: 240mm
Pump Dimensions	Width: 360mm Depth: 130mm Height: 360mm
Net weight (with oil, without dies)	20 Kg for one magnetic head (NKS16.1) 9 Kg for hand pump support with drawer (NKS16-HP1)
Packing details (for transport purposes)	Wooden crate conform to ISPM15 Crate size: 26x41x48cms Gross weight (with 6 sets of dies): 35 Kgs

### PRICE FOR MACHINE

**£1,832.62 +VAT**

1" DIE PART OF CRIMPER

SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF60DIES-10	10	*BY MAN	£156.14	€ 176.43
FF61DIES-12	12	*BY MAN	£156.14	€ 176.43
FF62DIES-15	15	*BY MAN	£156.14	€ 176.43
FF63DIES-18	18	**1/4"	£156.14	€ 176.43
FF64DIES-21	21	**3/8"	£156.14	€ 176.43
FF65DIES-24	24	**1/2"	£156.14	€ 176.43
FF66DIES-27	27	**5/8"	£156.14	€ 176.43
FF67DIES-30	30	**3/4"	£156.14	€ 176.43
FF67DIES-30	30	3/4"	£156.14	€ 176.43

\*\*The hose sizes stating hose size in table above are for use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose manufacturers crimping data- Please check with YOUR hose supplier!

## FFH25

### Hose Crimper Operated with Double Stage Hand Pump, Max Hose Size 1 1/2" 2-SN (DN38, -24)

Compact, Precise, Simple and Easy to use  
hose crimping machine with Aluminium head

Reliable and precise hand hose crimping machine with perfect geometry results. This machine is compact, reliable, robust and easy to use and handle thanks to its low weight aluminium head (40KG's).

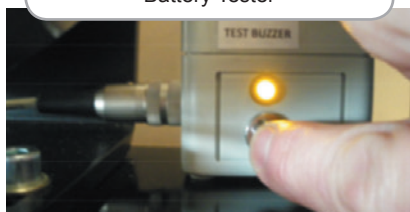
The use of this machine is ideally recommended for service hose assembly up to 1" 4-Wire spiral and 1 1/2" 2-Wire and can also be used to crimp small tubes and cables.

Picture : FFH25 with Double Speed Pump

**Crimps  
up to  
1 1/2" Hose**



High Precision Vernier  
Sound Signal box with  
Battery Tester



#### PRODUCT FEATURES

- COMPACT MACHINE
- EASY TO USE - 40 KGS
- DOUBLE SPEED HAND PUMP
- HIGH PRECISION VERNIER WITH SOUND SIGNAL

#### TECHNICAL SPECIFICATION

Maximum capacity : For an intermittent use in high pressure hose assembling	2-SN: 1 1/2" (DN38, -24) 4-SP: 1 1/4" (DN32, -20) 6-SP or Interlock: 1" (DN25, -16)
Hand Pump	Max. 340 bar Double stage pump with 1st stage = Fast approach (25 cm3/ stroke, max. 50b) + 2nd Stage = Crimp approach (5 cm3/stroke, max. 320b)
Radial Crimp force	135 Tons (340 bar)
Die opening	Ø Die + 18mm
Opening without dies	90mm
Dimensions of machine	Width: 500mm Depth: 300mm Height: 550mm
Net weight (with oil, without dies)	40 kgs (with oil, w/o dies)
Packing details (for transport purposes)	Each machine on wood crate (NIMP15 conform) Packing dimensions : 55x70x75cms, 55 kgs

#### PRICE FOR MACHINE

**£2,491.60 +VAT**

NO DIE INCLUDED

SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF25-DIE-06	6	*BY MAN	£254.73	€ 287.84
FF25-DIE-08	8	*BY MAN	£254.73	€ 287.84
FF25-DIE-10	10	*BY MAN	£194.13	€ 219.37
FF25-DIE-12	12	*BY MAN	£194.13	€ 219.37
FF25-DIE-15	15	*BY MAN	£194.13	€ 219.37
FF25-DIE-18	18	**1/4"	£194.13	€ 219.37
FF25-DIE-21	21	**3/8"	£194.13	€ 219.37
FF25-DIE-24	24	**1/2"	£194.13	€ 219.37
FF25-DIE-27	27	**5/8"	£194.13	€ 219.37
FF25-DIE-30	30	**3/4"	£194.13	€ 219.37
FF25-DIE-33	33	*BY MAN	£194.13	€ 219.37
FF25-DIE-39	39	**1"	£194.13	€ 219.37
FF25-DIE-48	48	*BY MAN	£194.13	€ 219.37
FF25-DIE-51	51	**1 1/4"	£194.13	€ 219.37
FF25-DIE-57	57	1 1/2"	£254.73	€ 287.84

\*\*The hose sizes stating hose size in table above are for  
use with Flowfit's Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose  
manufacturers crimping data- Please check with YOUR hose supplier!

## WORKSHOP HOSE CRIMPERS

### FF25

#### Compact, Precise, Simple and easy to use hose crimping machine.

Simple and economy hose crimping machine with high precision and perfect geometry results. This machine is compact, reliable, robust and easy to use and handle thanks to its low weight (65 kgs).

The use of this machine is ideally recommended for service hose assembly up to 1" 4-Wire spiral and 1 1/2" 2-Wire and can also be used to crimp small tubes and cables.

We recommend the use of this machine for an intermittent use of approximately 30 to 50 hose assemblies per day

Crimps up to 1 1/2" Hose



Optional

#### PRODUCT FEATURES

- COMPACT & LIGHT, EASY TO HANDLE
- SIMPLE TO USE
- FRONT RACKINGS FOR DIE
- HIGH PRECISION

#### TECHNICAL SPECIFICATION

Maximum Capacity For an intermittent use in high pressure hose assembling	2-SN: 1 1/2" (DN32; -20) 4-SP: 1" (DN25, -20) 6-SP ou Interlock: 3/4" (DN19, -12)
Motor	2.2 kW 400V 3-PH 50hz (NK25E.1) 2.2 kW 230V 3-PH 50Hz (NK25E.2) Other electric voltages available : 230V 3-PH 60Hz, 230V 1-PH 60Hz, 110V 1-PH 60Hz
Radial Press Force	120 Tons
Opening with Dies	Ø Die + 18mm
Opening without Dies	59 mm
Length of master die shoe	65mm
Net Weight	62 KGs (with oil, w/o dies)
Transport Packing Details	Each machine on wood crate (NIMP15 conform) Packing dimensions : 58x70x75cms, 85 KGs

#### PRICE FOR MACHINE

**£3,212.12 +VAT**

NO DIE INCLUDED

SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF25-DIE-06*	6	*BY MAN	£254.73	€ 287.84
FF25-DIE-08*	8	*BY MAN	£254.73	€ 287.84
FF25-DIE-10	10	*BY MAN	£194.13	€ 219.37
FF25-DIE-12	12	*BY MAN	£194.13	€ 219.37
FF25-DIE-15	15	*BY MAN	£194.13	€ 219.37
FF25-DIE-18	18	**1/4"	£194.13	€ 219.37
FF25-DIE-21	21	**3/8"	£194.13	€ 219.37
FF25-DIE-24	24	**1/2"	£194.13	€ 219.37
FF25-DIE-27	27	**5/8"	£194.13	€ 219.37
FF25-DIE-30	30	**3/4"	£194.13	€ 219.37
FF25-DIE-33	33	*BY MAN	£194.13	€ 219.37
FF25-DIE-39	39	**1"	£194.13	€ 219.37
FF25-DIE-45	45	*BY MAN	£194.13	€ 219.37
FF25-DIE-48*	48	*BY MAN	£194.13	€ 219.37
FF25-DIE-51*	51	**1 1/4"	£194.13	€ 219.37
FF25-DIE-57*	57	**1 1/2"	£254.73	€ 287.84

\*Available upon request

\*\*The hose sizes stating hose size in table above are for use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose manufacturers crimping data- Please check with YOUR hose supplier!



## FF-30

### Electric Hose Crimping Machine Max 1 1/2" 2-SN (DN38, -24)

Enlarged opening for elbows, Minimum space requirement.

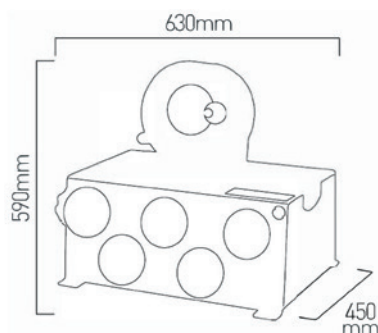
Head protected by foam inserts.

This machine is compact, reliable, robust and easy to use and handle thanks to its low weight (65 kgs).

Included : 2 x Side Protection Panels

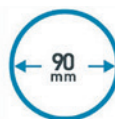
Optional : Front Die Holders (PDR)

Quick Change Tool (QCT), Support Bench (ST)



Optional

Crimps  
up to  
1 1/2" Hose



#### PRODUCT FEATURES

- COMPACT, EASY TO USE
- ECONOMICAL HOSE CRIMPER
- FRONT RACKINGS FOR DIE
- HIGH PRECISION

#### TECHNICAL SPECIFICATION

Indicative Hose Capacity	2-SN: 1 1/2" [DN38; -24] 4-SP: 1 1/4" [DN32; -20] R13/R15/Interlock: 1" [DN25; -16] Max. size for assembly with 2 x 90° elbows: max. 3/4" [ON 19]
Motor/Electrics	2.2 kW - 400V3-PH + Earth+ Neutral 50Hz 2.2 kW - 230V 1-PH 50Hz 1.5 kW - 11 0V 1-PH 60Hz 2 kW-12 VDC [NK30-DC12]
Radial Press Force	130 Tons
Opening	Ø Die + 28mm [Press Path + 12mm]
Opening without dies	98mm
Master Die Shoe Length	75mm
Nett Weight	68 KG
Packing	Wooden crate conform to ISPM15 Crate size : 58x70x75cms Gross weight [with 5 sets of dies]: 105 kgs
Noise Level	< 70 dB[A]

#### PRICE FOR MACHINE

**£3,497.57 +VAT**

NO DIE INCLUDED

SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF25-DIE-06	6	*BY MAN	£254.73	€ 287.84
FF25-DIE-08	8	*BY MAN	£254.73	€ 287.84
FF25-DIE-10	10	*BY MAN	£194.13	€ 219.37
FF25-DIE-12	12	*BY MAN	£194.13	€ 219.37
FF25-DIE-15	15	*BY MAN	£194.13	€ 219.37
FF25-DIE-18	18	**1/4"	£194.13	€ 219.37
FF25-DIE-21	21	**3/8"	£194.13	€ 219.37
FF25-DIE-24	24	**1/2"	£194.13	€ 219.37
FF25-DIE-27	27	**5/8"	£194.13	€ 219.37
FF25-DIE-30	30	**3/4"	£194.13	€ 219.37
FF25-DIE-33	33	*BY MAN	£194.13	€ 219.37
FF25-DIE-39	39	**1"	£194.13	€ 219.37
FF25-DIE-48	48	*BY MAN	£194.13	€ 219.37
FF25-DIE-51	51	**1 1/4"	£194.13	€ 219.37
FF25-DIE-57	57	**1 1/2"	£254.73	€ 287.84

\*\*The hose sizes stating hose size in table above are for use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose manufacturers crimping data- Please check with YOUR hose supplier!



## FF30-PRO

### Service Workshop Hose Crimper, Max 1 1/2" 2-SN (DN38, -24)

Multipurpose and Universal Workshop crimper

The use of this machine is ideally recommended for service hose assembly up to 1 1/2" 2-Wire spiral.

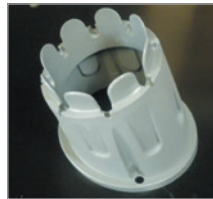
The capacity of this machine covers the most widely used hoses on the market and thanks to its large opening you can pass 2 x 90 deg. elbows with BSP nut up to 1 1/4".

We recommend the use of this machine for an intermittent use of approximately 50 to 100 hose assemblies per day

Crimps  
up to  
1 1/2" Hose



Option : QCT-NLS



Option : PDR-1



Option : WP-12PDR

### TECHNICAL SPECIFICATION

Maximum capacity : For an intermittent use in high pressure hose assembling	2-SN: 1 1/2" (DN32; -20) 4-SP: 1 1/4" (DN32, -20) 6-SP or Interlock: 1" (DN25, -16)
Motor	3KW 400V 50HZ 3-PH 2.2KW 230V 50HZ 1-PH
Radial Press Force	135 Tons
Opening with Dies	Ø Die + 28mm (Press path : +12mm)
Opening without Dies	98mm
Length of Master Die Shoes	75mm
Dimensions of the Machine	Width : 800mm x Depth : 440mm x Height : 670mm
Options Available	<ul style="list-style-type: none"> <li>Quick Change Tool (QCT-NLS)</li> <li>Individual Die Storage Rack (PDR-1)</li> <li>Die Storage Panel (WP-12PDR)</li> <li>Foot Switch (FS)</li> </ul>
Net Weight	70 kgs (with oil, w/o dies)
Transport Packing Details	Each machine on wood crate (NIMP15 conform) Packing dimensions : 58x70x75cms, 105 kgs (with 8 sets of dies)

### PRICE FOR MACHINE

**£4,361.35 +VAT**

NO DIE INCLUDED

SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF25-DIE-06	6	*BY MAN	£254.73	€ 287.84
FF25-DIE-08	8	*BY MAN	£254.73	€ 287.84
FF25-DIE-10	10	*BY MAN	£194.13	€ 219.37
FF25-DIE-12	12	*BY MAN	£194.13	€ 219.37
FF25-DIE-15	15	*BY MAN	£194.13	€ 219.37
FF25-DIE-18	18	**1/4"	£194.13	€ 219.37
FF25-DIE-21	21	**3/8"	£194.13	€ 219.37
FF25-DIE-24	24	**1/2"	£194.13	€ 219.37
FF25-DIE-27	27	**5/8"	£194.13	€ 219.37
FF25-DIE-30	30	**3/4"	£194.13	€ 219.37
FF25-DIE-33	33	*BY MAN	£194.13	€ 219.37
FF25-DIE-39	39	**1"	£194.13	€ 219.37
FF25-DIE-45	45	*BY MAN	£194.13	€ 219.37
FF25-DIE-48	48	*BY MAN	£194.13	€ 219.37
FF25-DIE-51	51	**1 1/4"	£194.13	€ 219.37
FF25-DIE-57	57	**1 1/2"	£254.73	€ 287.84

\*\*The hose sizes stating hose size in table above are for use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose manufacturers crimping data- Please check with YOUR hose supplier!

## FF40-PRO

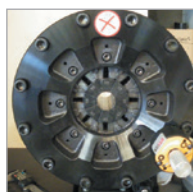
### Electric hose crimping machine for hoses up to 2" (DN50)

Compact, Precise, Simple and easy to use hose crimping machine.

Simple and economy hose crimping machine with high precision, large opening and perfect geometry results. Crimp force 240 tons, Universal hose crimper. Radial movement of dies, Head protected by foam inserts. Professional ergonomomy

#### PRODUCT FEATURES

- **INTERLOCK ASSEMBLIES UP TO 1 1/4" (DN32)**
- **ERGONOMIC WORKING SPACE**
- **IDEAL FOR LONG DROP ELBOWS**
- **EASY GREASING SYSTEM**



Large die opening = no need to remove dies  
Radial die travel = easy positioning of fitting



Front flange cuts allow long drop elbows

#### TECHNICAL SPECIFICATION

Maximum capacity : For an intermittent use in high pressure hose assembling	2-SN: 2" (DN50; -32) 4-SP/R12: 2" (DN50, -32) R13/R15/4-SH/Interlock: 1 1/4" (DN32, -20) Limit with 2 x 90 Elbows: Max. 1 1/4" (DN32) Max. Crimp Diameter: 77mm (with Sp. Dies N° 70)
Motor	4 KW 400V 50 HZ 3-PH
Radial Press Force	240 Tons
Opening with Dies	Ø Die + 38mm
Opening without Dies	118mm
Length of Master Die Shoes	100mm
Dimensions of the Machine	Width : 800mm x Depth : 440mm x Height : 800mm
Net Weight	185 kgs (with oil, w/o dies)
Transport Packing Details	Wood Crate conform to NIMP15 conform regulation Packing dimensions : 110x78x110cms Gross Weight 235 kgs (with 10 sets of dies)
Noise Level	< 70 dB(A)

Crimps up to 2" Hose



#### PRICE FOR MACHINE

**£6,552.64 +VAT**

NO DIE INCLUDED

#### SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF40-DIE-06	6	*BY MAN	£254.73	€ 287.84
FF40-DIE-08	8	*BY MAN	£254.73	€ 287.84
FF40-DIE-10	10	*BY MAN	£194.13	€ 219.37
FF40-DIE-12	12	*BY MAN	£194.13	€ 219.37
FF40-DIE-15	15	*BY MAN	£194.13	€ 219.37
FF40-DIE-18	18	**1/4"	£194.13	€ 219.37
FF40-DIE-21	21	**3/8"	£194.13	€ 219.37
FF40-DIE-24	24	**1/2"	£194.13	€ 219.37
FF40-DIE-27	27	**5/8"	£194.13	€ 219.37
FF40-DIE-30	30	**3/4"	£194.13	€ 219.37
FF40-DIE-33	33	*BY MAN	£194.13	€ 219.37
FF40-DIE-36	36	*BY MAN	£254.73	€ 287.84
FF40-DIE-39	39	**1"	£194.13	€ 219.37
FF40-DIE-42	42	*BY MAN	£254.73	€ 287.84
FF40-DIE-45	45	*BY MAN	£194.13	€ 219.37
FF40-DIE-48	48	*BY MAN	£194.13	€ 219.37
FF40-DIE-51	51	**1 1/4"	£194.13	€ 219.37
FF40-DIE-54	54	*BY MAN	£254.73	€ 287.84
FF40-DIE-57	57	**1 1/2"	£194.13	€ 219.37
FF40-DIE-62	62	*BY MAN	£254.73	€ 287.84
FF40-DIE-66	66	**2"	£194.13	€ 219.37
FF40-DIE-70	70	*BY MAN	£341.78	€ 386.21

\*\*The hose sizes stating hose size in table above are for use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose manufacturers crimping data- Please check with YOUR hose supplier!

## FF40/200T

### Electric Hose Crimping Machine, Max 2" (DN50-32)

Compact, Precise, Simple and easy to use hose crimping machine.

Simple and economy hose crimping machine with high precision, large opening and perfect geometry results.

Crimp force 200 tons, Universal hose crimper. Radial movement of dies, Head protected by foam inserts. Professional ergonomoy

Crimps up to 2" Hose



#### PRODUCT FEATURES

- INTERLOCK AND R15 ASSEMBLIES UP TO 1 1/4" (DN32)
- ERGONOMIC WORKING SPACE
- IDEAL FOR LONG DROP ELBOWS
- EASY GREASING SYSTEM

#### TECHNICAL SPECIFICATION

Indicative Hose Capacity	2-SN: 2" [DN50; -32] 4-SP: 1 1/2" .. [DN38, -24] R13/R15/Interlock: 1 1/4" [DN32; -20] Max. size for assembly with 2 x 90° elbows: max. 3/4" [DN 19]
Motor/Electrics	3 KW -230/400V 3-PH 3 KW - 230V 1-PH (20A) 2 KW (12V DC) FF30-DC 2 kW-12 VDC [NK30-DC12]
Radial Press Force	270 Tons
Opening	Ø Die + 38mm [Press Path + 14mm]
Opening without Dies	118mm
Master Die Shoe Length	100mm
Dimensions	Width : 800mm Depth : 440mm Height : 700mm
Net Weight (with full oil tank, w/o dies)	180 KG
Packing	Wooden crate conform to ISPM15 Crate size : 110x78x110cms Gross weight [with 5 sets of dies]: 230 kgs
Noise Level	< 70 dB[A] with standard hydraulic mounting

#### PRICE FOR MACHINE

**£6,213.06 +VAT**

NO DIE INCLUDED

SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF40-DIE-06	6	*BY MAN	£254.73	€ 287.84
FF40-DIE-08	8	*BY MAN	£254.73	€ 287.84
FF40-DIE-10	10	*BY MAN	£194.13	€ 219.37
FF40-DIE-12	12	*BY MAN	£194.13	€ 219.37
FF40-DIE-15	15	*BY MAN	£194.13	€ 219.37
FF40-DIE-18	18	**1/4"	£194.13	€ 219.37
FF40-DIE-21	21	**3/8"	£194.13	€ 219.37
FF40-DIE-24	24	**1/2"	£194.13	€ 219.37
FF40-DIE-27	27	**5/8"	£194.13	€ 219.37
FF40-DIE-30	30	**3/4"	£194.13	€ 219.37
FF40-DIE-33	33	*BY MAN	£194.13	€ 219.37
FF40-DIE-36	36	*BY MAN	£254.73	€ 287.84
FF40-DIE-39	39	**1"	£194.13	€ 219.37
FF40-DIE-42	42	*BY MAN	£254.73	€ 287.84
FF40-DIE-45	45	*BY MAN	£194.13	€ 219.37
FF40-DIE-48	48	*BY MAN	£194.13	€ 219.37
FF40-DIE-51	51	**1 1/4"	£194.13	€ 219.37
FF40-DIE-54	54	*BY MAN	£254.73	€ 287.84
FF40-DIE-57	57	**1 1/2"	£194.13	€ 219.37
FF40-DIE-62	62	*BY MAN	£254.73	€ 287.84
FF40-DIE-66	66	**2"	£194.13	€ 219.37
FF40-DIE-70	70	*BY MAN	£341.78	€ 386.21

\*\*The hose sizes stating hose size in table above are for use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose manufacturers crimping data- Please check with YOUR hose supplier!

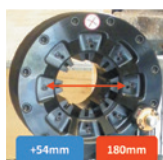
## FF60

### Electric Hose Crimping Machine for hoses up to 2" 4-SH & 4" Industrial

The FF60 is a versatile hose crimping machine with a robust head design, combining a high crimp force and a large opening in order to press multi-spiral hoses up to 2" and industrial hoses up to 4". The radial movement of the dies makes it a comfortable machine to use for a professional hose workshop.

#### PRODUCT FEATURES

- **INDUSTRIAL AND 2-SN HOSES UP TO 4" WITH CAM & GROOVE**
- **ERGONOMIC WORKING SPACE**
- **HEAD PROTECTED THANKS TO PROTECTION BETWEEN DIES**
- **EASY GREASING SYSTEM**



Large die opening = 180mm  
Radial die travel = + 54mm



Easy positioning  
of fitting thanks to  
radial die movement



Front flange  
cuts allow long  
drop elbows

#### TECHNICAL SPECIFICATION

Max. Capacities : For intermittent use of high pressure hose assembling	2-SN et LP Industrial: 4" (DN100; -64) 2-SN and Industrial: 4" (DN100, -64) 4-SH/R13: Max. 2" (DN50, -32) R15: Max. 1 1/2" (DN38, -24) Limit with 2 x 90 elbows: max: 3" (DN63) Max crimp diameter ... 145mm (with Dies N° 136)
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Motor / Electricity 4 KW 400V 50 HZ 3-PH

Radial Crimp force 350 tons

Opening with dies Ø Die + 54mm (Press path + 15mm)

Opening without dies 180mm

Length of master dies 120mm

Machine Dimensions (mm) Width: 800 x Depth: 440 x Height: 800

Net Weight (with oil HV32,  
no dies) 235 kgs

Standard Packing  
(for transport) Wood crate conform to NIMP15 regulation  
Crate dimensions: 110x78x110cms,  
Gross Weight (with standard die package 11  
sets): 300 kgs

Noise Level < 70 dB(A)

**DIES INCLUDED IN STANDARD DIE PACKAGE  
11 SETS FOR HOSES 1/4" - 2"**

Crimps up  
to 2" Hose or  
4" Industrial  
Hose



#### PRICE FOR MACHINE

**£10,919.31 +VAT**

NO DIE INCLUDED

SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF60-DIE-06	6	*BY MAN	£254.73	€ 287.84
FF60-DIE-08	8	*BY MAN	£254.73	€ 287.84
FF60-DIE-10	10	*BY MAN	£194.13	€ 219.37
FF60-DIE-12	12	*BY MAN	£194.13	€ 219.37
FF60-DIE-15	15	*BY MAN	£194.13	€ 219.37
FF60-DIE-18	18	**1/4"	£194.13	€ 219.37
FF60-DIE-21	21	**3/8"	£194.13	€ 219.37
FF60-DIE-24	24	**1/2"	£194.13	€ 219.37
FF60-DIE-27	27	**5/8"	£194.13	€ 219.37
FF60-DIE-30	30	**3/4"	£194.13	€ 219.37
FF60-DIE-33	33	*BY MAN	£194.13	€ 219.37
FF60-DIE-36	36	*BY MAN	£254.73	€ 287.84
FF60-DIE-39	39	**1"	£194.13	€ 219.37
FF60-DIE-42	42	*BY MAN	£254.73	€ 287.84
FF60-DIE-45	45	*BY MAN	£194.13	€ 219.37
FF60-DIE-48	48	*BY MAN	£194.13	€ 219.37
FF60-DIE-51	51	**1 1/4"	£194.13	€ 219.37
FF60-DIE-54	54	*BY MAN	£254.73	€ 287.84
FF60-DIE-57	57	**1 1/2"	£194.13	€ 219.37
FF60-DIE-62	62	*BY MAN	£254.73	€ 287.84
FF60-DIE-66	66	**2"	£194.13	€ 219.37
FF60-DIE-70	70	*BY MAN	£341.78	€ 386.21
FF60-DIE-73	73	*BY MAN	£555.48	€ 627.69
FF60-DIE-80	80	*BY MAN	£555.48	€ 627.69
FF60-DIE-86	86	*BY MAN	£555.48	€ 627.69
FF60-DIE-90	90	*BY MAN	£555.48	€ 627.69
FF60-DIE-95	95	*BY MAN	£555.48	€ 627.69
FF60-DIE-122	122	*BY MAN	£555.48	€ 627.69
FF60-DIE-130	130	*BY MAN	£555.48	€ 627.69
FF60-DIE-136	136	*BY MAN	£555.48	€ 627.69

\*\*The hose sizes stating hose size in table above are for  
use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose  
manufacturers crimping data- Please check with YOUR hose supplier!



## ACCESSORIES FOR HOSE CRIMPERS

### FF-994



#### Support Bench with 12 Die Storage & 2 Shelves, Suitable for Electric Hose Crimpers FF30, 40, 40-DC and 60

An ergonomic support bench suitable for the following Hose Crimper machines : FF 30, 40, 40-DC & FF60° The design of this Storage bench provides the operator with both an ideal working height and an ideal location of its die selection. Includes a 12 die storage holder and 2 shelves, which can be practical to store lubricant, tools, first aid kit, user manual or special dies.

Price does not include Hose Crimper.

PRICE

**£584.70 +VAT**

### FF-1338



#### STORAGE

The Die Storage Panel is a practical and economic solution to store up to 12 sets of dies. The panel has 4 holes in each corner so that it can easily be fixed on a wall or on an existing bench nearby the hose crimping machine. The Storage panel will also bring additional die storage capacity when the die holders of your Support Bench (FF-994) are already full.

Dimensions: 600x550x200mm  
Net Weight: 7,5 kg

PRICE

**£206.92 +VAT**

### FF-1174



#### QUICK CHANGE

Magnetic gun shape tool for extraction and insertion of dies on Flowfit hose crimpers. The Quick Die Change Tool is a robust aluminium magnetic tool allowing quick die change on all our hose crimping machines. The gun shape makes this tool easy to handle, and the system makes the die change process safe without any risk to break die pins. In order to store your sets of dies, the QCT is to be used either with Individual Die Racks, or with a Wall Panel Die Rack (FF-1338) or with a Storage Bench (FF-994).

PRICE

**£423.40 +VAT**

## MOBILE VAN SOLUTIONS

### FF30-DC / 130T

#### Crimping Machine for Mobile Van for hoses up to 1 1/2" (DN38, -24)

Compact, ultra-light, Simple and easy to use hose crimping machine.

Simple and economy hose crimping machine with high precision, large opening and perfect geometry results. Crimp force 130 tons, Universal hose crimper.



#### PRODUCT FEATURES

- COMPACT & LIGHT WEIGHT BECAUSE OF ALUMINIUM HEAD
- EASY MAINTENANCE AND SERVICING
- CAPACITY UP TO 4-SP - 1 1/4"

#### TECHNICAL SPECIFICATION

Max Capacity	2-SN: 1 1/2" (DN38, -24) 4-SP/R12: 1 1/4" [DN32, -20] R13/R15/4-SH/Interlock: 1" [DN25; -16] Max. size for assembly with 2 x 90° elbows: max. 3/4" [DN 19] Max Crimp Range: (70mm with Dies No. 66)
Motor/Electrics	2000W – 12V DC Must be Connected to 12V DC Battery 250 Amp/ Hour. Battery is not supplied with machine
Radial Press Force	130 Tons
Opening	Ø Die + 28mm
Press Path	Ø Die + 12mm
Opening without Dies	98mm
Master Die Shoe Length	75mm
Dimensions	Width : 630mm Depth : 450mm Height : 590mm
Net Weight (with full oil tank, w/o dies)	60 KG
Packing	Wooden crate conform to ISPM15 Crate size : 58x70x75cms Gross weight [with 5 sets of dies]: 95 kgs
Noise Level	< 70 dB[A]

#### PRICE FOR MACHINE

**£3,774.53 +VAT**

NO DIE INCLUDED

SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF25-DIE-06	6	*BY MAN	£254.73	€ 287.84
FF25-DIE-08	8	*BY MAN	£254.73	€ 287.84
FF25-DIE-10	10	*BY MAN	£194.13	€ 219.37
FF25-DIE-12	12	*BY MAN	£194.13	€ 219.37
FF25-DIE-15	15	*BY MAN	£194.13	€ 219.37
FF25-DIE-18	18	**1/4"	£194.13	€ 219.37
FF25-DIE-21	21	**3/8"	£194.13	€ 219.37
FF25-DIE-24	24	**1/2"	£194.13	€ 219.37
FF25-DIE-27	27	**5/8"	£194.13	€ 219.37
FF25-DIE-30	30	**3/4"	£194.13	€ 219.37
FF25-DIE-33	33	*BY MAN	£194.13	€ 219.37
FF25-DIE-36	36	*BY MAN	£254.73	€ 287.84
FF25-DIE-39	39	**1"	£194.13	€ 219.37
FF25-DIE-42	42	*BY MAN	£254.73	€ 287.84
FF25-DIE-45	45	*BY MAN	£194.13	€ 219.37
FF25-DIE-48	48	*BY MAN	£194.13	€ 219.37
FF25-DIE-51	51	**1 1/4"	£194.13	€ 219.37
FF25-DIE-57	57	**1 1/2"	£254.73	€ 287.84

\*\*The hose sizes stating hose size in table above are for use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose manufacturers crimping data- Please check with YOUR hose supplier!

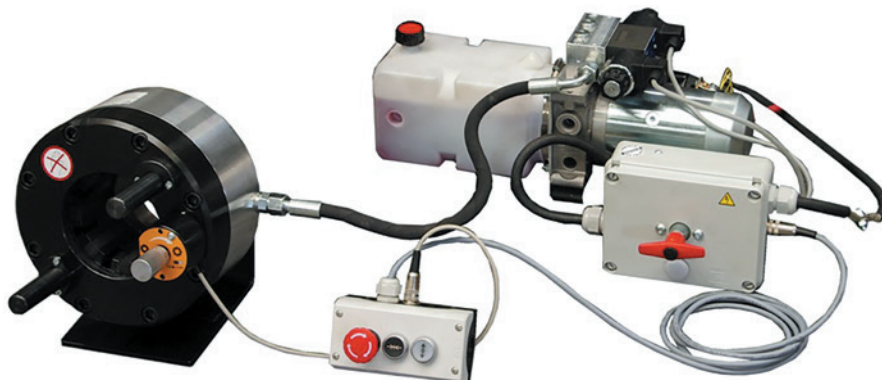


## FFS30-DC

### Hose Crimping Kit with Splitter Head, 12V Power Pack and Remote Control Box

This crimper kit is ideal for a mobile van with it being light weight and compact.

The crimp head, power pack and remote control box are all splitted in order to optimise the setup of the van to balance the weights in the vehicle.



**Crimps  
up to  
1 1/2" Hose**

#### PRODUCT FEATURES

- CAPACITY UPTO 1 1/2"
- ULTRA COMPACT AND LIGHT WEIGHT HEAD AND POWER PACK ON
- EASY TO FIX SUPPORTS

#### TECHNICAL SPECIFICATION

Hose Capacity	2-SN: 1 1/2" (DN38, -24) 4-SP/4-SH/R12: 1 1/4" .. [DN32, -20] R13/R15/Interlock: 1" [DN25, -16] Limit with 2 x 90° elbows: max. 1" [DN25] Max Crimp Range: (70mm with Dies No. 66)
Motor/Electrics	2000W – 12V DC Connect to battery 250 AMP/Hour, Battery is not included
Crimp Force	135 Tons
Opening	Ø Die + 28mm
Press Path	Ø Die + 12mm
Opening without Dies	98mm
Master Die Shoe Length	75mm
Dimensions	Head only on bracket: Ø 260, H = 290, P = 330 Power Pack + Electrical Panel: 500 x 280 x 300 Remote Control Box: 160 x 85 x 90
Net Weight (with full oil tank, w/o dies)	58 KG
Packing	Wooden crate conform to ISPM15 Crate size : 58x70x75cms Gross weight [with 5 sets of dies]: 90 kgs
Noise Level	< 80 dB[A]

#### PRICE FOR MACHINE

**£3,774.53 +VAT**

NO DIE INCLUDED

SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF25-DIE-06	6	*BY MAN	£254.73	€ 287.84
FF25-DIE-08	8	*BY MAN	£254.73	€ 287.84
FF25-DIE-10	10	*BY MAN	£194.13	€ 219.37
FF25-DIE-12	12	*BY MAN	£194.13	€ 219.37
FF25-DIE-15	15	*BY MAN	£194.13	€ 219.37
FF25-DIE-18	18	**1/4"	£194.13	€ 219.37
FF25-DIE-21	21	**3/8"	£194.13	€ 219.37
FF25-DIE-24	24	**1/2"	£194.13	€ 219.37
FF25-DIE-27	27	**5/8"	£194.13	€ 219.37
FF25-DIE-30	30	**3/4"	£194.13	€ 219.37
FF25-DIE-33	33	*BY MAN	£194.13	€ 219.37
FF25-DIE-36	36	*BY MAN	£254.73	€ 287.84
FF25-DIE-39	39	**1"	£194.13	€ 219.37
FF25-DIE-42	42	*BY MAN	£254.73	€ 287.84
FF25-DIE-45	45	*BY MAN	£194.13	€ 219.37
FF25-DIE-48	48	*BY MAN	£194.13	€ 219.37
FF25-DIE-51	51	**1 1/4"	£194.13	€ 219.37
FF25-DIE-57	57	**1 1/2"	£254.73	€ 287.84

\*\*The hose sizes stating hose size in table above are for use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose manufacturers crimping data- Please check with YOUR hose supplier!

## FFC30-DC

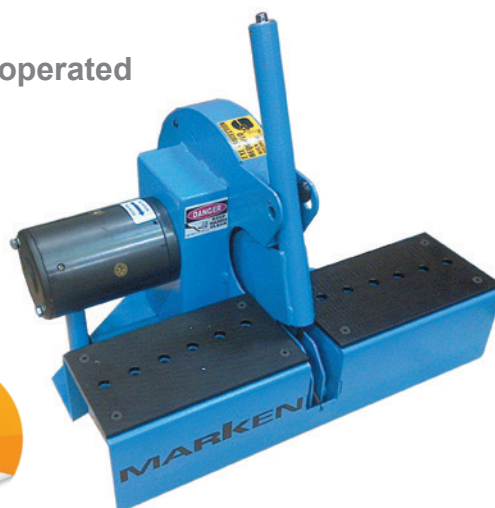
### Hydraulic Hose Cutter - Max 2" 1 & 2-SN

#### Intermittent use in Mobile Vans, 12V DC operated

This cutter was especially designed for use in Hose Repair vans using 12V DC power supply.

Simple, Compact, Stable, Light, equipped with a slotted disc, it is the ideal machine for hose cutting in mobile vans. The 'Delrin' cutting bed surface allows the hose to move nicely to the blade without binding.

Easy to use with the start button on the handle.



Cuts up  
to 2"  
Hose

#### PRICE

**£1,920.43 +VAT**

### TECHNICAL SPECIFICATION

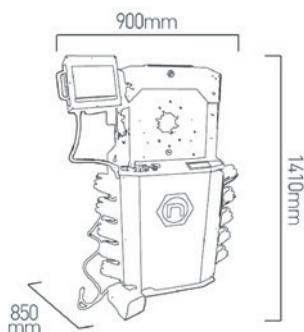
Max Hose Size:	1 & 2-SN: 2" (DN50) 4-SP or 4-SH: 1 1/4" (DN32) 6-SP/R13/R15: 1" (DN25)
Max hose OD:	Ø 65mm
Cutting Disc Details:	Ø 250 x 25 x 3mm (Slotted disc is standard, on option we can supply smooth bore cutting discs)
Motor:	2000W – 12V DC To be connected to auxiliary 12V DC battery with 250 Amp fuse in line and 25mm <sup>2</sup> electric cable. Battery, fuse and cables are not supplied with machine.
Dimensions:	Width: 500 x Depth 500 x Height 400mm
Net weight:	35 Kg

## PRODUCTION HOSE CRIMPERS

### FFKP-150

#### Production Hose Crimper Max. 2" (DN50)

Compact, silent and fast production hose crimping machine for companies making serial hose assemblies. The large opening and slim frame allow easier access for elbows, long drops or complex bent fittings. The machine is equipped with an electronic touch screen interface and silent hydraulics.



#### PRODUCT FEATURES

- FAST CYCLE
- SLIM FRAME
- LARGE OPENING AND SILENT HYDRAULICS

#### OPTIONAL

- PRESSURE MONITORING
- OIL COOLING
- DATA RECORD AND TRANSFER



#### TECHNICAL SPECIFICATION

Indicative Hose capacity:	2-SN & industrial: 2" (DN50) 4-SP/R12: 1 1/4" (DN32) R13/R15/4-SH or Interlock: 1" (DN25) Max. hose Diameter Ø76mm 1" (with die N°70)
Motor/Electrics	5.5KW - 230/400V 3-PH 50Hz
Radial Press Force	140 tons
Opening	Ø Die size+ 45mm
Opening without dies	125mm
Master die shoe length:	80mm
Controls:	Touch screen HMI Intuitive crimp software with semi auto mode, memory of crimp parameters, automatic die selection, quick change, cycle counter.
Speed:	Closing speed: 22mm/s Crimp speed: 3.7mm/s Opening speed: 66mm/s Number of cycles/hour: 2000 (in semi-auto mode, die Ø+10mm)
Dimensions:	Width: 630mm / Depth: 450mm / Height: 590mm
Net weight (with full oil tank):	720 kg (180L)
Packing:	Crate size: 90x85x141cms / Gross weight: 830 kgs
Noise level:	< 64 dB(A)

#### PRICE FOR MACHINE

**£21,842.08 +VAT**

NO DIE INCLUDED

SELECT DIES FROM TABLE BELOW

PART NO.	DIE SIZE Ø	HOSE SIZE	NETT. PRICE	
			£ STERLING	€ EUROS
FF25-DIE-06	6	*BY MAN	£254.73	€ 287.84
FF25-DIE-08	8	*BY MAN	£254.73	€ 287.84
FF25-DIE-10	10	*BY MAN	£194.13	€ 219.37
FF25-DIE-12	12	*BY MAN	£194.13	€ 219.37
FF25-DIE-15	15	*BY MAN	£194.13	€ 219.37
FF25-DIE-18	18	**1/4"	£194.13	€ 219.37
FF25-DIE-21	21	**3/8"	£194.13	€ 219.37
FF25-DIE-24	24	**1/2"	£194.13	€ 219.37
FF25-DIE-27	27	**5/8"	£194.13	€ 219.37
FF25-DIE-30	30	**3/4"	£194.13	€ 219.37
FF25-DIE-33	33	*BY MAN	£194.13	€ 219.37
FF25-DIE-39	39	**1"	£194.13	€ 219.37
FF25-DIE-48	48	*BY MAN	£194.13	€ 219.37
FF25-DIE-51	51	**1 1/4"	£194.13	€ 219.37
FF25-DIE-57	57	**1 1/2"	£254.73	€ 287.84
FF25-DIE-66	66	**2"	£254.73	€ 287.84

\*\*The hose sizes stating hose size in table above are for use with Flowfits Vincke Hydraulic Hose!

\*BY MAN = By Manufacturer, Hose size determined by hose manufacturers crimping data- Please check with YOUR hose supplier!

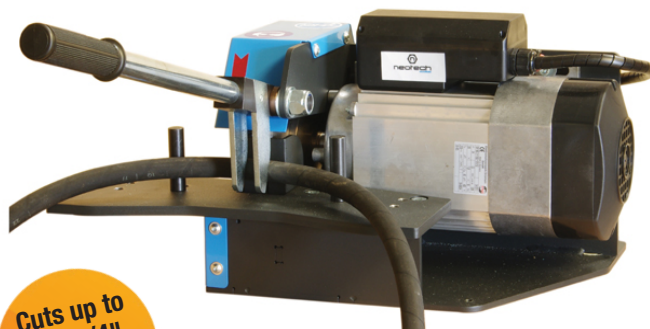
## HOSE CUTTERS

### FFC-25

#### Hose Cutting Machine Max. 1" 4-SP (DN25,16)

High quality, compact and silent hose cutter with brake motor and HSS steel cutting disc. Ideal for Agri machine workshops. The machine can be connected to an optional suction kit.

Additionally, a bench support, measuring cutting rails and de-coilers are also available in our range of accessories for hose cutters.



Cuts up to  
to 1 1/4"  
Hose

#### PRICE

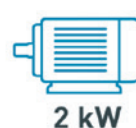
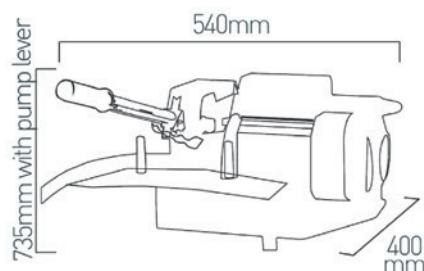
**£1,209.72 +VAT**

#### PRODUCT FEATURES

- 220V COMPACT & SILENT HOSE CUTTER
- INCLUDES BRAKE MOTOR FOR OPTIMAL SAFETY

#### OPTIONAL

- SMOKE SUCTION KIT
- BENCH SUPPORT



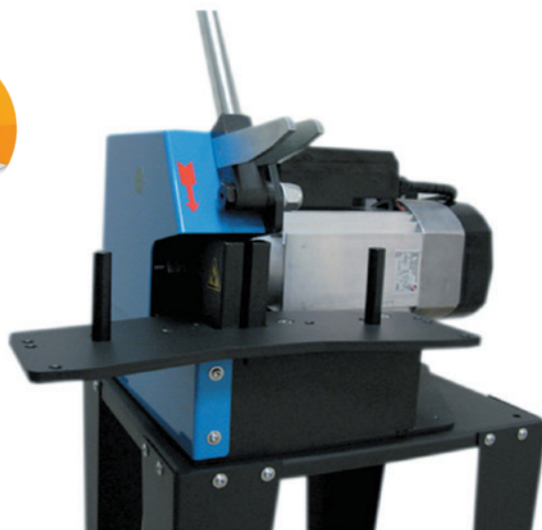
### TECHNICAL SPECIFICATION

Hose capacity: (Intermittent use)	Hoses 1-SN & 2-SN: 1 1/4" (DN32) Hoses 4-SP & 4-SH: 1" (DN25)
Max hose OD:	Ø 50mm
Cutting disc size:	Ø 210mm (Smooth edge, HSS steel)
Rotation speed:	2,820 rpm
Net weight:	37 Kg
Motor:	2KW-230V 50Hz 1-PH with Brake available in 110V 1-PH 60Hz on request
Dimensions:	Width: 540mm Depth: 400mm Height: 735mm
Suction connection:	Ø 50mm
Packing:	Wooden crate conform to ISPM15 Crate size: 60x80x50cms Gross weight: 50kgs

## FFC-30

### Hose Cutting Machine Max. 2" 2-SN (DN50,32)

Versatile and compact benchtop hose cutter equipped with a powerful brake motor and a HSS steel slotted blade. It is ideal for construction machinery or Agri machinery workshops as it will cut multi-spiral hoses up to 1 1/2". Optionally the machine can be connected to a simple smoke suction unit.



#### PRODUCT FEATURES

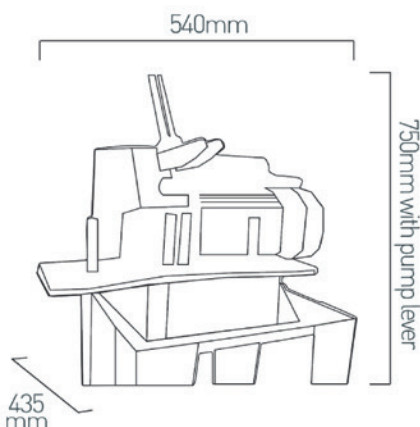
- COMPACT HOSE CUTTER WITH BRAKE MOTOR
- HSS STEEL DISC FOR MULTISPIRAL HOSE MAX. DN38

#### OPTIONAL

- SMOKE SUCTION KIT
- BENCH SUPPORT

#### PRICE

**£2,383.04 +VAT**



#### TECHNICAL SPECIFICATION

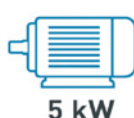
Hose capacity: (Intermittent use)	Hoses 2-SN: 2" (DN50) Hoses 4-SP & 4-SH: 1 1/2" (DN38) R13/R15/6 - Multispirals: 1 1/4" (DN32)
Max hose OD:	Ø 65mm
Cutting disc size:	Ø 275mm (Slotted edge, HSS steel disc)
Rotation speed:	2,720 rpm
Net weight:	45 Kg
Motor:	3.8KW-400V 50Hz 3-PH + N with motor brake available in 230V 1-PH or 230V 3-PH on request
Dimensions:	Width: 540mm Depth: 435mm Height: 350mm -Height with pump lever: 750mm
Suction connection:	Ø 50mm
Packing:	Crate size: 60x80x50cms Gross weight: 55kgs

## FFC-40

### Hydraulic Hose Cutting Machine Max.2" Multispiral

Powerful hose cutter for easy cutting of R15 hoses up to 1 1/2" and multi-spiral hoses up to 2". A special force multiplier hand lever makes the cutting action easier for the operator.

It will cut a R15 1 1/2" hose in less than 5 seconds. The machine comes with a powerful 5KW brake motor and a 350mm HSS Steel Slotted Blade. Optionally the machine can be connected to a simple smoke suction unit.



Cuts  
up to 2 1/2"  
Hose



#### PRODUCT FEATURES

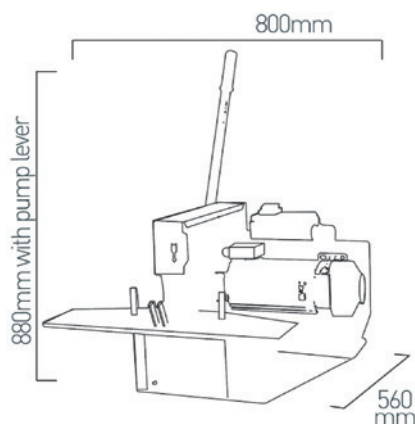
- POWERFUL HOSE CUTTER WITH BRAKE MOTOR AND EFFORTLESS PUSHER

#### OPTIONAL

- SMOKE SUCTION KIT + SPARK BARRIER
- BENCH SUPPORT
- CUTTING RAIL
- MEASURING DEVICE

#### PRICE

**£3,608.99 +VAT**



#### TECHNICAL SPECIFICATION

Hose capacity: (Intermittent use)	Hoses 2-SN: 2 1/2" (DN63) Hoses 4-SP & 4-SH: 2" (DN50) R13/R15: 1 1/2" (DN38)
Max hose OD:	Ø 95mm
Cutting disc size:	Ø 350mm (Slotted edge, HSS steel disc)
Rotation speed:	2,820 rpm
Net weight:	70 Kg
Motor:	5KW-400V 50Hz 3-PH with brake available in 230V 3-PH on request
Dimensions:	Width: 800mm Depth: 560mm Height with pump lever: 880mm
Packing:	Crate size: 120x60x100cms Gross weight: 90kgs



## HOSE SKIVING

### FFSK1

#### Hand Skiving Set Capacity: 1 1/4" (Set 6/32) or 2" (Set 6/50)

Simple Hand Skiving Set, to be loaded in a vice. Different versions are available up to 1 1/4" with or without internal skivers and also up to 2" with or without internal skivers. It is ideal for mobile workshops.


**FFSK1 - 6/32 EI PRICE**
**£919.39 +VAT**
**FFSK1 - 6/50 EI PRICE**
**£1,150.59 +VAT**

#### HAND SKIVING FOR EXTERNAL AND INTERNAL HOSE SKIVING

- SET DELIVERED IN A SUITCASE
- CRANK TO BE USED WITH A VICE (VICE NOT INCLUDED)
- IDEAL FOR MOBILE HOSE VANS OR BEGINNERS

### TECHNICAL SPECIFICATION

	FFSK1 - 6/32 EI	FFSK1 - 6/50 EI
Capacity:	1SN-2SN-3TE: 1 1/4" (DN32) 4-SP: 1 1/4" (DN32) R13/R15/4-SH: 1 1/4" (DN32)	1SN-2SN-3TE: 2" (DN50) 4-SP: 2" (DN50) R13/R15/4-SH: 2" (DN50)
Use:	Crank to be used in a vice	
Packing:	Suitcase 450x350x110mm (8.5 kg)	Suitcase 450x350x110mm + 2 boxes (12 Kgs) Possibility to order a 2nd suitcase to store the 5 internal skivers
Composition of the set	FFSK1-6/32-EI (for hoses up to 1. 1/4"): 1 x External Knife Holder ESK6-32 + 8 mandrels 3 x internal skivers ISK19,25,32	FFSK1 - 6/50- EI (for hoses up to 2") 2 x External knife holders ESK6-32 + ESK38- 50 + 10 mandrels 5 x internal skivers: ISK19,25,32,38,50
	Available without internal skivers: FFSK1-6/32-E	Available without internal skivers: FFSK1-6/50 E
Gross Weight	8,5 kgs (with 3 internal skivers)	12 kgs (with 5 internal skivers)

## FFSK50 2"

### Skiving machine for rubber hoses up to 2" 6- Spiral

Compact Electric Hose skiving machine with clear plexiglass guard and safety features.

The machine is equipped with a switch to change the direction of the rotation and a foot switch. External skiving is done with pre-adjustable tools ESK and Internal Skiving with pre-adjustable tools ISK. Machines with Simultaneous internal and external skiving are also available (NSK50-SIM)

Skiving  
up to  
2" Hose



#### PRICE

**£2,486.14 +VAT**

#### EXTERNAL AND INTERNAL SKIVING

- MACHINE CONFORM TO CE SAFETY RULES
- HIGH QUALITY SKIVING THANKS TO SPECIAL KNIFE DESIGN
- SUPER CLEAR VISION THANKS TO ALL-PLEXY PROTECTION BOX

#### TECHNICAL SPECIFICATION

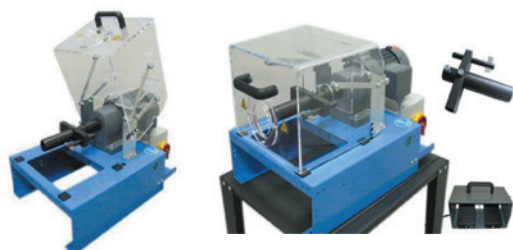
Hose capacity:	2SN: 2" (DN50) 4-SP: 2" (DN50) 6-SP: 2" (DN50)
Motor:	0,55KW-400V 50Hz 3-PH
Max hose OD:	Ø 95mm
Suppress Line Cutting Disc Size:	Ø 350mm (Slotted edge, HSS steel disc)
Rotation speed:	370 rpm Option: Speed Adjuster 0-400 rpm Standard Control: Foot Switch + Rotation direction switch
Dimensions:	Width: 240 x Depth 760 x Height 330mm
Net weight:	45 Kg
Packing:	Pallet 55x70x75cms, 55 Kgs
Skiving Tools / Available Options	<p>External Skiving Tools ESK (Standard Pack includes 2 x ESK): ESK6-25 for hose 1/4" to 3/4" ESK32-50 for hose 1 1/4" to 2"</p> <p>Internal Skivers available (Optional): ISK Ø16,19,25,32,38,50</p> <p>Other Options: Individual External Skiving Heads (1 per hose size) Support table with bin Hose clamping system for increased operator safety Simultaneous internal + external skiving</p>

## FFSK50-ST

### Skiving machine for rubber hoses up to 2" 6- Spiral with support bench

Compact Electric Hose skiving machine with clear plexiglass guard and safety features.

The machine is equipped with a switch to change the direction of the rotation and a foot switch. External skiving is done with pre-adjustable tools ESK and Internal Skiving with pre-adjustable tools ISK. Machines with Simultaneous internal and external skiving are also available (NSK50-SIM)



PRICE

**£5,181.61 +VAT**

#### EXTERNAL AND INTERNAL SKIVING

- MACHINE CONFORM TO CE SAFETY RULES
- HIGH QUALITY SKIVING THANKS TO SPECIAL KNIFE DESIGN
- SUPER CLEAR VISION THANKS TO ALL-PLEXY PROTECTION BOX
- SUPPORT BENCH WITH BIN

#### TECHNICAL SPECIFICATION

Hose capacity:	2SN: 2" (DN50) 4-SP: 2" (DN50) 6-SP: 2" (DN50)
Motor:	0,55KW-400V 50Hz 3-PH
Max hose OD:	Ø 95mm
Suppress Line Cutting Disc Size:	Ø 350mm (Slotted edge, HSS steel disc)
RRotation speed:	370 rpm Option: Speed Adjuster 0-400 rpm Standard Control: Foot Switch + Rotation direction switch
Dimensions:	Width: 240 x Depth 760 x Height 330mm
Net weight:	45 Kg
Packing:	Pallet 55x70x75cms, 55 Kgs
Skiving Tools / Available Options	External Skiving Tools ESK (Standard Pack includes 2 x ESK): ESK6-25 for hose 1/4" to 3/4" ESK32-50 for hose 1 1/4" to 2"  Internal Skivers available (Optional): ISK Ø16,19,25,32,38,50  Other Options: Individual External Skiving Heads (1 per hose size) Hose clamping system for increased operator safety Simultaneous internal + external skiving

## PERIPHERALS

### FFHC125

Manual Hose Coiler



#### PRICE

**£1,167.27 +VAT**

### FFHC 125 E

Motorised Hose Coiler



#### PRICE

**£4,203.69 +VAT**

### FFHR 7C

Multi Hose Coiler



#### PRICE

**£1,023.75 +VAT**

Including high quality braking wheels

Central pin full steel bar 40 for better rigidity

Teflon washer under turntable to brake turntable according to coil weight

Easy adjustment of the coil ID tension

## TECHNICAL SPECIFICATION

	FFHC 125	FFHC 125 E	FFHR 7C
Max Total Loaded Weight	250 KG	250 KG	500KG
Dimensions (W X D X H)	1200 x 1200 x 900mm	1200 x 1200 x 900mm	1180 x 1000 x 2115mm
Plate Diameter	1200mm	1200mm	1000mm
Max Coil OD	1000mm	1000mm	850mm
Weight	40 KG	70 KG	100KG
Number of Plates	1	1	7
Colour	Black	Black	Blue / Weight
Electricity Rotation Speed	*****	0.37 KW - 230V 1-PH, 0-35 RPM	*****

# HOSE AND TUBE CLEANING

## FFPL32 / FFPL50

### Decontamination of hoses and tubes by pneumatic launch of foam projectiles

Cleanliness of hydraulic circuits has become a major concern for all hydraulic professionals. A clean hydraulic circuit will increase the life expectancy of the equipment and components, in particular as the warranty to have a clean hydraulic system will protect the pump and sensitive hydraulic components such as proportional valves. Debris in the hydraulic circuits can also have major financial consequences in case of machine breakdowns.

Tubes and hoses are one of the components that can bring contamination into the circuit, in particular after the hose cutting and skiving process or deburring for tubes. The FFPL Cleaning Kit is an easy and portable solution to make sure your hoses and tubes are free of contamination.

How it works: A pneumatic gun shoots a foam projectile at high speed through the hose or tube. The foam projectile being slightly larger than the hose or tube ID, it will evacuate all debris or dust encountered on its way.

Various types of foam can be used for different applications. Universal foam pellets (MPP) will be used for hoses and tubes with no ends and with limited amount of debris. Special Tube pellets with grinding and abrasive material are also available for tubes with heavier particles or cross sections. FFPL kits are available in 2 versions: FFPL32 for hose decontamination from size 3/16" up to 1 1/4", FFPL50 for hose decontamination for 3/16" up to 2".

Additional nozzles (e.g. for metric tubing), tools and projectiles are available for applications up to 4".



#### FFPL32-8N PRICE

**£817.10 +VAT**

#### FFPL50-10N PRICE

**£1,500.78 +VAT**

#### FFPL50-23N PRICE

**£1,686.53 +VAT**

## TECHNICAL SPECIFICATION

Capacity:	Hose decontamination: 3/16" - 2" with FFPL50-10N Hose and Tube decontamination: 2" with FFPL50-23N
FFPL32-8N:	Complete set including 1 1/4" Eco launcher and a range of 8 hose nozzles to over decontamination of hoses without ends on from 3/16" to 1 1/4"
FFPL50-10N:	Complete set including 2" launcher and a range of 10 hose nozzles to cover decontamination of hoses without ends on from 3/16" to 2"
FFPL50-23N:	Complete set including 2" Launcher, Adapter ring and a range of 23 nozzles to cover decontamination of the following hose and pipe types and sizes: -HOSE with no ends (1/4" - 2"): H06,08,10,13,16,19,25,32,38,50 -JIC ASSEMBLIES (1/4"-2"): J06,10,13,16,19,25,32,38,50 -FFORX ASSEMBLIES (-4 to -20)- HYDRAULIC TUBES (Imperial 1/4" - 2") : T06,08,10,13,16,19,22,25,32,38,50
Compressed air:	Connection to dry air .5 bar - 7.5 bar Flow: 1.6 m3/min) Quick coupling 1/2" delivered with the set
Projectiles:	Various style of projectiles are available (Standard, Tube, Abrasive, Grinding) For hoses : Multipurpose Projectiles are recommended (MPP) and available in starter kits (1 bag of projectile per hose size)
Recommendation:	OD of multipurpose projectiles should be 20% larger than hose ID

## ALSO AVAILABLE

### FFOT-8D

#### Side Feed Crimp Tool with 8 Dies for Hose or Cable Assembling C-Shape Crimping Tool with 8 Dies

The OT-8D-25 Crimping Tool is made to suit special hose or cable crimp applications with specific space or production requirements: Mix assemblies with bent tubes and rubber hoses, special bent fittings or long hose or cable lengths which cannot be crimped with traditional closed crimping heads.

The OT-8D-25 allows to side feed the hose into the crimp head and hence opens the possibility for automatic or robot feeding of the product to be crimped.

The OT-8D-25 crimp tool is extremely narrow and compact (120mm) so that it can fit ideally special machine integration or configurations.

The crimp force is limited to 25 Tons, which limits the use of this machine to light ferrule crimp used on products such as freon hose, power steering hoses, air or water hoses.

Thanks to an adjustable mechanical stop, this machine is very precise and offers high repeatable performance capacities in case CMK/CPK are required.



#### PRICE

**£39,262.79 +VAT**

#### Precise and Reptitive Crimp Diameter- High CPK/CMK Performance

The crimp stop is mechanically controlled by an adjustable stop mounted on the cylinder so that the crimp stops exactly at the same position all the time. A pressure switch is associated to the stop so that in case of material OD variation the stop can be done by pressure to avoid over crimp. The pressure peak also indicates to the machine that the crimp is done.

#### Options Pneumatic Safety Guard

When used with an operator in front of the machine and a foot switch, we automatically equip the machine with a pneumatic guard to avoid any risk of injury (unless other specific controls and safety features are put in place and required by the customer- immaterial curtains, Double hand switch)

#### Fitting Positioning Tools

Located on the side of the head, we are able to design specific positioning tools to ensure that the fitting is correctly positioned before crimping.

### TECHNICAL SPECIFICATION

Crimp Capacity:	Minimum Crimp OD: 1.5mm (Cable) Maximum Crimp OD: 45mm
Cycle Time:	According to customer requirements and cycle time target: With pump 16L/min, cycle time = 6 seconds With double pump 24L+8L = 3 seconds
Radial Press Force:	25 KdaN @ 210 bar
Maximum Side Feed OD:	54mm
Max Die Length:	50mm
Noise Level:	According to hydraulic configuration and pump selected 68dB(A) to 63dB(A)
Standard Measurement Control:	Adjustable mechanical stop on actioner cylinder with digital pressure switch
Head Dimension:	Width: 120 x Depth 325 x Height 896mm
Net weight:	Head Alone with Cylinder: 160KG



## HOSE CRIMPER KITS

### Flowfit Portable Hand Hose Crimper Starter Kit - ZZ009373

Light portable hand crimper for on-site hose repairs.

The NKH16 crimper is the ideal tool for ON-SITE hydraulic hose repair jobs.

Typically used in agriculture, forestry, road works either loaded at the back of the mobile van or in a workshop as the emergency hose repair tool.

The machine is equipped with a resistant and robust 350 bar, and a simple adjustment vernier.

The double speed hand pump limits the number of pump strokes needed to achieve a crimp.

This kit comes with 3 different Die sets and a range of hose and fittings to suit this crimper.

Crimps up to 1" Hose



#### PRICE

**£1,747.14 +VAT**

DIE SETS	FERRULES	STRAIGHT FEMALE FITTINGS	45°DEGREE FEMALE FITTINGS	90°DEGREE FEMALE FITTINGS	HYDRAULIC HOSE
1 X 1/4"	16 X 1/4"	8 X 1/4" BSP	4 X 1/4" BSP	4 X 1/4" BSP	15 METRES X 1/4"
1 X 3/8"	16 X 3/8"	8 X 3/8" BSP	4 X 3/8" BSP	4 X 3/8" BSP	15 METRES X 3/8"
1 X 1/2"	16 X 1/2"	8 X 1/2" BSP	4 X 1/2" BSP	4 X 1/2" BSP	15 METRES X 1/2"

Please note this includes 1/4", 3/8" and 1/2" Dies sets based on the Flowfit hose mentioned, if you require other sizes please see individual listing of Die sets which can be seen on the website.

### TECHNICAL SPECIFICATION

Capacity : For hydraulic hose crimping and intermittent use	2-SN: 1" (DN25; -16) 4-SP: 1/2" (DN13; -10) Limit for assembly with 2 x 90° elbows : max. 1/2" (DN13)
Hand Pump	Double Speed Pump with handle, delivered with oil HV32 Max. 350 bar
Radial Crimp force	80 tons
Die opening	Ø Die. + 20mm
Opening without dies	59 mm
Length of master die shoe	56 mm
Available die sizes (mm) *Sets of dies included in standard Pack 6 sets	Ø 6,10,12,15*,18*,21*,24*,27*,30* Master dies are used as Die N°39 to crimp 1" hoses
Dimensions of machine	Width: 300mm Depth: 220mm Height: 400mm
Net weight (with oil, without dies)	28 kgs
Packing details (for transport purposes)	Each Machine is packed in a wood crate suitable for long haul freight, conform to NIMP15 norms Dimension of packing : 26x41x48cms, Gross weight (with 6 sets of dies) : 35 kgs

## Flowfit Electric Hose Crimper Starter Kit, 220V, Crimp Force 130 Tonnes SKU - ZZ010599

This machine is compact, reliable, robust and easy to use and handle thanks to its low weight (65 kgs).

Included : 1 x Electric Hose Crimper, 2 x Side Protection Panels and a range of Hose and fittings.

### PRODUCT FEATURES

- **COMPACT, EASY TO USE**
- **ECONOMICAL HOSE CRIMPER**
- **FRONT RACKINGS FOR DIE**
- **HIGH PRECISION**

### PRICE

**£4,178.48 +VAT**



Flowfit Electric Hose Crimper Starter Kit Includes the following:

1 x Electric Hose Crimper

DIE SETS	FERRULES	STRAIGHT FEMALE FITTINGS	45°DEGREE FEMALE FITTINGS	90°DEGREE FEMALE FITTINGS	HYDRAULIC HOSE
1 X 1/4"	16 X 1/4"	8 X 1/4" BSP	4 X 1/4" BSP	4 X 1/4" BSP	15 METRES X 1/4"
1 X 3/8"	16 X 3/8"	8 X 3/8" BSP	4 X 3/8" BSP	4 X 3/8" BSP	15 METRES X 3/8"
1 X 1/2"	16 X 1/2"	8 X 1/2" BSP	4 X 1/2" BSP	4 X 1/2" BSP	15 METRES X 1/2"
1 X 3/4"	16 X 3/4"	8 X 3/4" BSP	4 X 3/4" BSP	4 X 3/4" BSP	15 METRES X 3/4"
1 X 1"	16 X 1"	8 X 1" BSP	4 X 1" BSP	4 X 1" BSP	15 METRES X 1"

Please note this includes 1/4", 3/8", 1/2", 3/4" and 1" Dies sets based on the Flowfit hose mentioned, if you require other sizes please see individual listing of Die sets which can be seen on the website.

## TECHNICAL SPECIFICATION

Indicative Hose Capacity	2-SN: 11/2" [DN38; -24] 4-SP: 11/4 . [DN32, -20] R13/R15/Interlock: 1" [DN25; -16] Max. size for assembly with 2 x 90° elbows: max. 3/4" [ON 19]
Motor/Electrics	2.2 kW -400V3-PH + Earth+ Neutral 50Hz 2.2 kW - 230V 1-PH 50Hz 1.5 kW - 11 0V 1-PH 60Hz 2 kW-12 VDC [NK30-DC12]
Radial Press Force	130 Tonnes
Opening	Ø mors + 28mm [working stroke:+ 12mm]
Opening without Dies	98mm
Master Die Shoe Length	75mm
Available Die Sizes (mm)	Ø 6/8/10/12/15/18/21/24/27/30/33/36/39/45/48/51/57/66 mm
Dimensions	Width : 630mm Depth : 450mm Height : 590mm
Net Weight (with full oil tank, w/o dies, hose and fittings)	68 KG
Noise Level	< 70 dB[A]

## Flowfit 5 Die, Electric Hose Crimper Kit, Crimp Force 130 Tons SKU - ZZ010776

This machine is compact, reliable, robust and easy to use and handle thanks to its low weight (65 kgs).

Included : Electric Hose Crimper, 5 Die Set, Support Bench, Foot Switch & Quick Die Change Tool, Available as 220 or 400V, Radial Force 140 Tons and handle thanks to its low weight (65 kgs).

Included : 1 x Electric Hose Crimper, 2 x Side Protection Panels and a range of Hose and fittings.

### PRODUCT FEATURES

- **COMPACT, EASY TO USE**
- **ECONOMICAL HOSE CRIMPER**
- **FRONT RACKINGS, SUPPORT BENCH, FOOT SWITCH & QUICK DIE CHANGE TOOL**
- \* **HIGH PRECISION**

### PRICE

**£5,268.22 +VAT**



## TECHNICAL SPECIFICATION

Indicative Hose Capacity	2-SN: 11/2" [DN38; -24] 4-SP: 11/4" [DN32; -20] R13/R15/Interlock: 1" [DN25; -16] Max. size for assembly with 2 x 90° elbows: max. 3/4" [ON 19]
Motor/Electrics	2.2 kW -400V3-PH + Earth+ Neutral 50Hz 2.2 kW - 230V 1-PH 50Hz 1.5 kW - 11 0V 1-PH 60Hz 2 kW-12 VDC [NK30-DC12]
Radial Press Force	130 Tonnes
Opening	Ø mors + 28mm [working stroke:+ 12mm]
Opening without Dies	98mm
Master Die Shoe Length	75mm
Available Die Sizes (mm)	Ø 6/8/10/12/15/18/21/24/27/30/33/36/39/45/48/51/57/66 mm
Dimensions	Width : 630mm Depth : 450mm Height : 590mm
Net Weight (with full oil tank, w/o extras)	68 KG
Noise Level	< 70 dB[A]

### 5 Die Set Includes:

15/21/27/33/39mm Dies

### Support Bench:

12 Die Storage, 2 Shelves

"Provides the operator with both an ideal working height and an ideal location of its die selection

Can be practical to store lubricant, tools, first aid kit, user manual or special dies"

### Foot Switch Control:

Allows operator to free their hands

### Quick Die Change Tool:

Magnetic Tool for the extraction and insertion of Dies  
Easy to handle

## 8 Die, Electric Hose Crimper Kit, Crimp Force 140 Tons Product Sku: ZZ010774

This machine is compact, reliable, robust and easy to use and handle thanks to its low weight (65 kgs).

Included : Electric Hose Crimper, 8 Die Set, Support Bench, Foot Switch & Quick Die Change Tool, Available as 220 or 400V, Radial Force 140 Tons and handle thanks to its low weight (65 kgs).

Included : 1 x Electric Hose Crimper, 2 x Side Protection Panels and a range of Hose and fittings.

### PRODUCT FEATURES

- \* **COMPACT, EASY TO USE**
- \* **ECONOMICAL HOSE CRIMPER**
- \* **FRONT RACKINGS, SUPPORT BENCH, FOOT SWITCH & QUICK DIE CHANGE TOOL**
- \* **HIGH PRECISION**

### PRICE

**£5,698.29 +VAT**



## TECHNICAL SPECIFICATION






Indicative Hose Capacity	2-SN: 11/2" [DN38; -24] 4-SP: 11/4 [DN32, -20] R13/R15/Interlock: 1" [DN25; -16] Max. size for assembly with 2 x 90° elbows: max. 3/4" [ON 19]
Motor/Electrics	2.2 kW -400V3-PH + Earth+ Neutral 50Hz 2.2 kW - 230V 1-PH 50Hz 1.5 kW - 11 0V 1-PH 60Hz 2 kW-12 VDC [NK30-DC12]
Radial Press Force	130 Tonnes
Opening	Ø mors + 28mm [working stroke:+ 12mm]
Opening without Dies	98mm
Master Die Shoe Length	75mm
Available Die Sizes (mm)	Ø 6/8/10/12/15/18/21/24/27/30/33/36/39/45/48/51/57/66 mm
Dimensions	Width : 630mm Depth : 450mm Height : 590mm
Net Weight (with full oil tank, w/o extras)	68 KG
Noise Level	< 70 dB[A]





**8 Die Set Includes:**  
15/18/21/24/27/30/33/39/45/48mm Dies

**Support Bench:**  
12 Die Storage, 2 Shelves  
"Provides the operator with both an ideal working height and an ideal location of its die selection  
Can be practical to store lubricant, tools, first aid kit, user manual or special dies"

**Foot Switch Control:**  
Allows operator to free their hands

**Quick Die Change Tool:**  
Magnetic Tool for the extraction and insertion of Dies  
Easy to handle

	FFH16	FFH25	FF25	FF-30	FF30-PRO
					
<b>CRIMPS FORCE (TONS)</b>	80	137	120	130	135
<b>CAPACITY 1 &amp; 2SN INDUSTRIAL</b>	1" (DN25)	2" (DN50)	1 1/2" (DN38)	1 1/2" (DN38)	2" (DN50)
<b>CAPACITY 4-SP</b>	1/2" (DN12)	1 1/4" (DN32)	1" (DN25)	1 1/4" (DN32)	1 1/4" (DN32)
<b>CAPACITY 6-SP</b>	1/2" (DN12)	3/4" (DN19)	3/4" (DN19)	1" (DN25)	1" (DN25)
<b>CAPACITY INTERLOCK</b>	N/A	3/4" (DN19)	3/4" (DN19)	1" (DN25)	1" (DN25)
<b>MAX RANGE (MM)</b>	44	70	70	70	70
<b>MAX OPENING (MM), DIE Ø+</b>	20	18	18	28	28
<b>PRESS PATH (MM)</b>	20	18	18	12	12
<b>OPENING WITHOUT DIES (MM)</b>	59	98	98	98	98
<b>MASTER DIE LENGTH</b>	56	65	65	75	75
<b>STANDARD CONTROL</b>	MICROMETER	MICROMETER	MICROMETER	MICROMETER	MICROMETER
<b>OPTIONAL CONTROL</b>	-	-	-	-	-
<b>MACHINE DIMENSION (WXDXH) CM</b>	30X22X40	48X30X42	63X45X59	63X45X59	80X44X67
<b>NET WEIGHT WITH OIL (KG)</b>	27	40	62	68	130
<b>ELECTRIC</b>	N/A	N/A	12/24 VDC 110/220 V 1-P 220/400V 3P	12/24 VDC 110/220V 1-P 220/400V 3P+N	220V 1-PH 220V 3-PH 400V 3-PH
<b>HOUR</b>	N/A	N/A	180	240	400

	<b>FF-40</b>	<b>FF40-PRO</b>	<b>FF60</b>	<b>FFKP-150</b>
				
<b>CRIMPS FORCE (TONS)</b>	200	240	350	150
<b>CAPACITY 1 &amp; 2SN INDUSTRIAL</b>	2" (DN50)	2" (DN50)	4" (DN100)	2" (DN50)
<b>CAPACITY 4-SP</b>	1 1/2" (DN38)	2" (DN50)	2" (DN50)	1 1/4" (DN32)
<b>CAPACITY 6-SP</b>	1 1/4" (DN32)	1 1/4" (DN32)	2" (DN50)	1" (DN25)
<b>CAPACITY INTERLOCK</b>	1 1/4" (DN32)	1 1/4" (DN32)	2" (DN50)	1" (DN25)
<b>MAX RANGE (MM)</b>	76	76	145	76
<b>MAX OPENING (MM), DIE Ø+</b>	38	38	52	45
<b>PRESS PATH (MM)</b>	14	14	15	45
<b>OPENING WITHOUT DIES (MM)</b>	118	118	182	124
<b>MASTER DIE LENGTH</b>	100	100	120	80
<b>STANDARD CONTROL</b>	MICROMETER	MICROMETER	MICROMETER	ELECTRONIC
<b>OPTIONAL CONTROL</b>	-	ELECTRONIC	ELECTRONIC	PRESSURE
<b>MACHINE DIMENSION (WDXH) CM</b>	80X44X70	80X44X70	80X44X80	90X85X141
<b>NET WEIGHT WITH OIL (KG)</b>	180	185	230	720
<b>ELECTRIC</b>	12/24 VDC 220V 1-PH 220V 3-PH 400V 3-PH	12/24 VDC 220V 1-PH 220V 3-PH 400V 3-PH	12/24 VDC 220V 1-PH 220V 3-PH 400V 3-PH	3-PH
<b>HOUR</b>	720	720	620	1600





# HIGH PRESSURE 6000 PST HYDRAULIC HOSE EFG6K

www.flowfitonline.com  
TECH. DATA SHEET  
**GH01**



<b>RECOMMENDED FOR</b>	Extremely high pressure and high impulse applications such as hydrostatic transmissions.
<b>TUBE NBR</b>	(Nitrile) based.
<b>REINFORCEMENT</b>	Four (six for -20, -24) alternating layers of spiralled, high tensile steel wire.
<b>COVER</b>	(Chloroprene) based. MSHA approved.
<b>TEMPERATURE RANGE</b>	-40°C to +121°C
<b>STANDARDS</b>	SAE 100R15. ISO 3862 R15. Meets or exceeds performance requirements of EN 856 4SP (-8) and EN 856 4SH (-12, -16).
<b>COUPLINGS</b>	-6 to -20: GlobalSpiralTM; -24: GlobalSpiralTM High.
<b>TYPE APPROVALS</b>	DNV, GL, LR, BV, ABS and MOD.
<b>CHARACTERISTICS/BENEFITS</b>	Extremely flexible.

## OPTIONAL



Superior flex impulse performance: tested to 1,000,000 impulse cycles at 50% of SAE 100R15 bend radii.  
40% of EN 856 4SP/4SH bend radius at rated working pressure.

EFG6K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

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

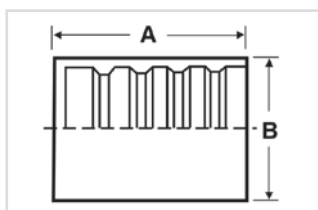





Please consult Gates Product Application Engineers for use of MegaTuffm hose in reverse bending applications or for constant bending at minimum bend radius.

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	£14.79	€ 16.72
-8	12	1/2	0.95	24.0	6000	42.0	24000	168.0	90	89	8EFG6K	£16.05	€ 18.14
-10	16	5/8	1.	28.	6000	42.0	24000	168.0	100	115	10EFG6K	£18.34	€ 20.73
-12	19	3/4	1.	31.	6000	42.0	24000	168.0	120	144	12EFG6K	£20.64	€ 23.33
-16	25	1	2.	39.	6000	42.0	24000	168.0	150	223	16EFG6K	£27.14	€ 30.67
-20	31	1.1/4	2.	50.0	6000	42.0	24000	168.0	210	399	20EFG6K	£53.18	€ 60.10
-24	38	1.1/2	2.	57.	6000	42.0	24000	168.0	250	482	24EFG6K	£73.84	€ 83.43

## NO-SKIVE FERRULES

www.flowfitonline.com  
TECH. DATA SHEET  
**GH01**

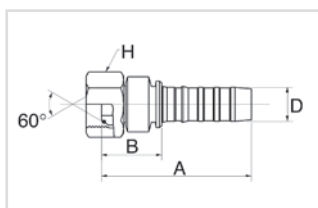


							
D			A	B	REF.		
SIZE	DN	"	mm	mm	G		NETT. PRICE
							£ STERLING    € EUROS
-6	10	3/8	36.	32.	6GS 1 F-4		£1.40    € 1.58
-8	12	1/2	37.	34.	8GS1F-4		£1.42    € 1.60
-10	16	5/8	48.	42.	10GS1F-4		£3.01    € 3.41
-12	20	3/4	50,0	46.	12GS1F-4		£3.50    € 3.95
-16	25	1	56.	53.	16GS1F-4		£4.59    € 5.19
-20	32	1.1/4	68.	62.	20GS1F-4		£13.46    € 15.21
-20	32	1.1/4	73.	68.	20GS1F-6		£13.46    € 15.21
-24	40	1.1/2	76,5	72,0	24GSP1F-4		£16.28    € 18.39
-32	50	2	91,0	85,0	32GSP1F-4		£22.37    € 25.27





THIS IS NEEDED EVERYTIME A HOSE END IS FITTED

## BSP FBSPORX

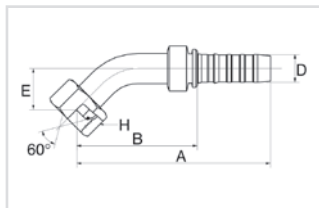
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TECH. DATA SHEET  
**GH01**



Female BSP 'O' ring swivel. 60° cone.

									
D				A	B	H	REF.		
SIZE	DN	"		mm	mm	mm	G	NETT. PRICE	
								£ STERLING	€ EUROS
-6	10	3/8	G 3/8" -19 BSP	60.5	24.7	22	6GS6FBSPORX	£2.95	€ 3.33
-6	10	3/8	G 1/2" -14 BSP	60.2	24.4	27	6GS8FBSPORX	£5.65	€ 6.38
-8	12	1/2	G 1/2" -14 BSP	61	23.5	27	8GS8FBSPORX	£3.49	€ 3.94
-8	12	1/2	G 5/8" -14 BSP	62	24.5	30	8GS10FBSPORX	£8.21	€ 9.28
-10	16	5/8	G 5/8" -14 BSP	80.5	30.2	30	10GS10FBSPORX	£3.62	€ 4.09
-10	16	5/8	G 3/4" -14 BSP	82.3	32	32	10GS12FBSPORX	£7.61	€ 8.60
-12	20	3/4	G 3/4" -14 BSP	86.5	35.5	32	12GS12FBSPORX	£5.27	€ 5.96
-12	20	3/4	G 1" -11 BSP	86.6	35.6	41	12GS16FBSPORX	£19.27	€ 21.77
-16	25	1	G 1" -11 BSP	95	38.6	41	16GS16FBSPORX	£8.35	€ 9.43
-16	25	1	G 1.1/4" -11 BSP	83	26.2	50	16GS20FBSPORX	£25.91	€ 29.28
-20	32	1.1/4	G 1.1/4"- 11 BSP	116.5	45.4	50	20GS20FBSPORX	£17.66	€ 19.96
-24	40	1.1/2	G 1.1/2" - 11 BSP	125	51.3	55	24GSP24FBSPORX	£22.29	€ 25.19
-32	50	2	G 2" -11 BSP	152	60	70	32GSP32FBSPORX	£31.41	€ 35.49

## BSP FBSPORX45

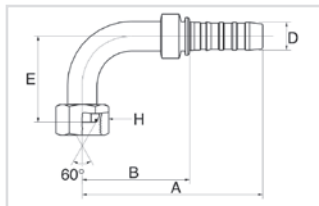


Female BSP 'O' ring swivel. 60° cone. 45°  
Drop dimensions meet ISO 12151-6.

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				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	£5.61 € 6.34
-8	12	1/2	G 1/2" - 14 BSP	91.5	54.1	17	27	8GS8FBSPORX45	£7.62 € 8.61
-10	16	5/8	G 5/8" - 14 BSP	118	67.7	21.3	30	10GS10FBSPORX45	£20.00 € 22.60
-10	16	5/8	G 3/4" - 14 BSP	127.9	77.6	31.2	32	10GS12FBSPORX45	£30.72 € 34.72
-12	20	3/4	G 3/4" - 14 BSP	132.6	81.6	28.3	32	12GS12FBSPORX45	£9.75 € 11.02
-16	25	1	G 1" - 11 BSP	155.5	99.1	30.9	41	16GS16FBSPORX45	£14.42 € 16.29
-20	32	1.1/4	G 1.1/4" - 11 BSP	191.1	119.9	37.5	50	20GS20FBSPORX45	£33.98 € 38.40
-24	40	1.1/2	G 1.1/2" - 11 BSP	214.5	140.8	49.7	55	24GSP24FBSPORX45	£37.13 € 41.95
-32	50	2	G 2" - 11 BSP	276.1	184.1	62.3	70	32GSP32FBSPORX45	£47.00 € 53.11

## BSP FBSPORX90

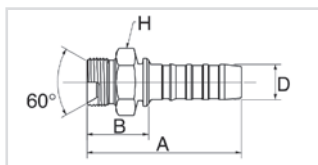


Female BSP 'O' ring swivel. 60° cone. 90° swept elbow.  
Drop dimensions meet ISO 12151-6.

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				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	£5.25 € 5.93
-8	12	1/2	G 1/2" - 14 BSP	88	50.5	37.5	27	8GS8FBSPORX90	£6.92 € 7.82
-10	16	5/8	G 5/8" - 14 BSP	112.5	62.2	46	30	10GS10FBSPORX90	£18.50 € 20.91
-10	16	5/8	G 3/4" - 14 BSP	112.5	62.2	60	32	10GS12FBSPORX90	£19.43 € 21.95
-12	20	3/4	G 3/4" - 14 BSP	124.2	73.2	60	32	12GS12FBSPORX90	£8.97 € 10.13
-16	25	1	G 1" - 11 BSP	151	94.6	70	41	16GS16FBSPORX90	£14.64 € 16.54
-20	32	1.1/4	G 1.1/4" - 11 BSP	180.5	109.4	80	50	20GS20FBSPORX90	£33.98 € 38.40
-24	40	1.1/2	G 1.1/2" - 11 BSP	194.6	120.9	100	55	24GSP24FBSPORX90	£34.61 € 39.11
-32	50	2	G 2" - 11 BSP	254.7	162.7	129.1	70	32GSP32FBSPORX90	£47.00 € 53.11

# BSP MBSP

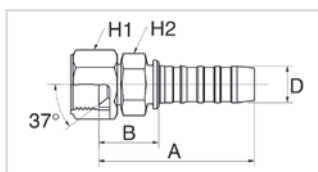


Male BSP parallel. 60° inverted cone. 60°

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				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	6GS6MBSP	£3.52	€ 3.97
-6	10	3/8	G 1/2" - 14 BSP	68	32.2	27	6GS8MBSP	£10.92	€ 12.34
-8	12	1/2	G 1/2" - 14 BSP	67.5	30	27	8GS8MBSP	£4.36	€ 4.92
-10	16	5/8	G 5/8" - 14 BSP	84	33.7	30	10GS10MBSP	£8.34	€ 9.42
-10	16	5/8	G 3/4" - 14 BSP	85	34.7	32	10GS12MBSP	£13.77	€ 15.56
-12	20	3/4	G 3/4" - 14 BSP	85	34.7	32	12GS12MBSP	£5.97	€ 6.75
-12	20	3/4	G 1" - 11 BSP	90	39	41	12GS16MBSP	£15.47	€ 17.48
-16	25	1	G 1" - 11 BSP	98	41.2	41	16GS16MBSP	£8.45	€ 9.55
-20	32	1.1/4	G 1.1/4" - 11 BSP	118	46.9	50	20GS20MBSP	£30.23	€ 34.16
-24	40	1.1/2	G 1.1/2" - 11 BSP	130	56.4	55	24GSP24MBSP	£26.81	€ 30.29
-32	50	2	G 2" - 11 BSP	148.8	56.8	70	32GSP32MBSP	£36.46	€ 41.20

# JIC 37° FJX

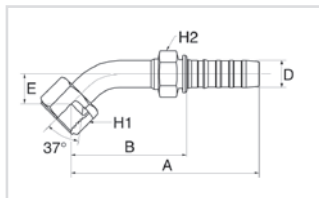


Female JIC swivel. 37° inverted cone.

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TECH. DATA SHEET  
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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.	6GS6FJX	£3.50	€ 3.95
-6	10	3/8	3/4" - 16 UNF	71.0	35.	22.	19.	6GS8FJX	£3.96	€ 4.47
-8	12	1/2	3/4" - 16 UNF	72.0	35.	22.	22.	8GS8FJX	£4.47	€ 5.05
-8	12	1/2	7/8" - 14 UNF	76.	38.	27.0	22.	8GS10FJX	£5.78	€ 6.53
-8	12	1/2	1.1/16" - 12 UN	77.0	40.	32.	22.	8GS12FJX	£8.56	€ 9.67
-10	16	5/8	7/8" -14 UNF	94.	43.	27.0	25.	10GS10FJX	£4.33	€ 4.89
-10	16	5/8	1.1/16" - 12 UN	95.0	45.	32.	25.	10GS12FJX	£5.85	€ 6.61
-12	20	3/4	7/8" -14 UNF	98.	47.	29.	27.0	12GS10FJX	£26.64	€ 30.10
-12	20	3/4	1.1/16" - 12 UN	98.0	47.0	32.	29.	12GS12FJX	£5.78	€ 6.53
-12	20	3/4	1.3/16" - 12 UN	103.	52.	35.	29.	12GS14FJX	£15.26	€ 17.24
-12	20	3/4	1.5/16" - 12 UN	102.0	51.0	38.	29.	12GS16FJX	£14.19	€ 16.03
-16	25	1	1.1/16" - 12 UN	108.	51.	35.	35.	16GS12FJX	£44.14	€ 49.88
-16	25	1	1.3/16" - 12 UN	108.	51.	38.	35.	16GS14FJX	£78.27	€ 88.44
-16	25	1	1.5/16" - 12 UN	110.	53.	38.	38.	16GS16FJX	£9.08	€ 10.26
-16	25	1	1.5/8" - 12 UN	115.0	59.	51.	38.	16GS20FJX	£31.74	€ 35.87
-20	32	1.1/4	1.5/16" - 12 UN	129.0	58.	41.	45.	20GS16FJX	£74.75	€ 84.47
-20	32	1.1/4	1.5/8" -12 UN	136.0	65.	51.	48.	20GS20FJX	£20.82	€ 23.53
-20	32	1.1/4	1.7/8" - 12 UN	137.0	66.	60.	48.	20GS24FJX	£61.97	€ 70.03
-24	40	1.1/2	1.7/8" - 12 UN	124.0	50.	60.0	55.0	24GSP24FJX	£29.63	€ 33.48
-32	50	2	2.1/2" - 12 UN	148.0	56.0	75.0	65.0	32GSP32FJX	£39.93	€ 45.12

## JIC 37° FJX45S

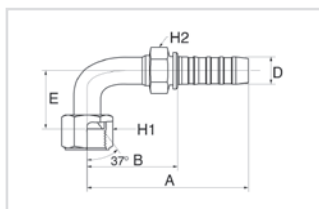


Female JIC swivel. 37° inverted cone. 45° swept elbow.  
Short drop (-6 to -20 drop dimensions meet ISO 12151-5).

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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	6GS6FJX455	£5.97	€ 6.75
-6	10	3/8	3/4" -16 UNF	93	57.2	15	22.2	19.1	6GS8FJX455	£8.97	€ 10.13
-8	12	1/2	3/4" -16 UNF	94	56.5	15	22.2	22.2	8GS8FJX455	£7.00	€ 7.91
-8	12	1/2	7/8" -14 UNF	91	53.5	16	27	22.2	8GS10FJX455	£13.80	€ 15.59
-10	16	5/8	7/8" -14 UNF	113	63	18	27	30	10GS10FJX45-018	£13.77	€ 15.56
-10	16	5/8	1.1/16" - 12 UN	122	71.7	21	31.8	25.4	10GS12FJX455	£29.53	€ 33.36
-12	20	3/4	1.1/16" - 12 UN	130	79	21	31.8	28.6	12GS12FJX455	£12.35	€ 13.95
-12	20	3/4	1.5/16" - 12 UN	137	86	24	38.1	28.6	12GS16FJX455	£24.95	€ 28.19
-16	25	1	1.5/16" - 12 UN	152	95.7	24	38.1	38.1	16GS16FJX455	£17.21	€ 19.45
-16	25	1	1.5/8" -12 UN	164	107.7	25	50.8	38.1	16GS20FJX455	£53.09	€ 59.99
-20	32	1.1/4	1.5/8" -12 UN	180	109	38	50.8	47.6	20GS20FJX455	£54.27	€ 61.33
-24	40	1.1/2	1.7/8" -12 UN	233	159.5	50	60	55	24G SP24FJX45-050	£50.01	€ 56.51
-32	50	2	2.1/2" -12 UN	276	183.8	45	75	65	32GSP32FJX45-065	£57.50	€ 64.97

## JIC 37° FJX90S

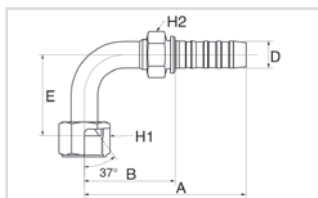


Female JIC swivel. 37° inverted cone. 90° swept elbow.  
Short drop (-6 to -20 drop dimensions meet ISO 12151-5).

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**GH01**

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	6GS6FJX90S	£5.31	€ 6.00
-8	12	1/2	3/4" -16 UNF	86	48.6	29	22.2	22.2	8GS8FJX90S	£7.00	€ 7.91
-8	12	1/2	7/8" -14 UNF	92	54.5	32	27	22.2	8GS10FJX90S	£13.80	€ 15.59
-8	12	1/2	1.1/16" - 12 UN	111	73.5	48	31.8	22.2	8GS12FJX90S	£67.25	€ 76.00
-10	16	5/8	7/8" -14 UNF	111	43.3	36	27	30	10GS10FJX90-036	£32.56	€ 36.79
-12	20	3/4	1.1/16" - 12 UN	119	68	48	31.8	28.6	12GS12FJX90S	£12.35	€ 13.95
-12	20	3/4	1.5/16" - 12 UN	135	84	56	38.1	28.6	12GS16FJX90S	£40.64	€ 45.92
-16	25	1	1.5/16" - 12 UN	144	87.6	56	38.1	38.1	16GS16FJX90S	£17.38	€ 19.64
-20	32	1.1/4	1.5/8" - 12 UN	174	102.9	64	50.8	47.6	20GS20FJX90S	£60.60	€ 68.47

## JIC 37° FJX90M

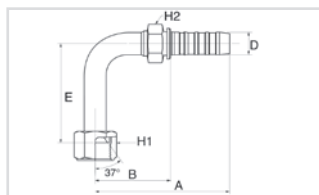


Female JIC swivel. 37° inverted cone. 90° swept elbow.  
Medium drop (-6 to -20 drop dimensions meet ISO 12151-5).

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**GH01**

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	6GS8FJX90M	£9.38	€ 10.60
-8	12	1/2	3/4" - 16 UNF	92	54.6	41	22.2	22.2	8GS8FJX90M	£8.98	€ 10.14
-8	12	1/2	7/8" - 14 UNF	89	51.5	47	27	22.2	8GS10FJX90M	£7.88	€ 8.90
-10	16	5/8	7/8" - 14 UNF	107	56.7	47	27	25.4	10GS10FJX90M	£13.77	€ 15.56
-10	16	5/8	1.1/16" - 12 UN	121	70.7	58	31.8	25.4	10GS12FJX90M	£18.51	€ 20.92
-12	20	3/4	1.1/16" - 12 UN	119	68	58	31.8	28.6	12GS12FJX90M	£9.99	€ 11.28
-12	20	3/4	1.3/16" - 12 UN	141	90	60	34.9	28.6	12GS14FJX90-060	£30.95	€ 34.98
-12	20	3/4	1.5/16" - 12 UN	135	84	71	38.1	28.6	12GS16FJX90M	£21.84	€ 24.68
-16	25	1	1.5/16" - 12 UN	144	87.6	71	38.1	38.1	16GS16FJX90M	£15.62	€ 17.66
-20	32	1.1/4	1.5/8" - 12 UN	174	102.9	78	50.8	47.6	20GS20FJX90M	£41.28	€ 46.64
-24	40	1.1/2	1.7/8" - 12 UN	212	138.4	89	60	55	24GSP24FJX90-089	£43.95	€ 49.67
-32	50	2	2.1/2" - 12 UN	272	179.7	140	75	65	32GSP32FJX90	£52.67	€ 59.51

## JIC 37° FJX90L



Female JIC swivel. 37° inverted cone. 90° swept elbow.

Long drop (-6 to -20 drop dimensions meet ISO 12151-5).

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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	6GS6FJX90L	£27.28	€ 30.83
-8	12	1/2	3/4" - 16 UNF	92	54.6	64	22.2	22.2	8GS8FJX90L	£53.15	€ 60.06
-8	12	1/2	7/8" - 14 UNF	89	51.5	70	27	22.2	8GS10FJX90L	£35.51	€ 40.13
-12	20	3/4	1.1/16" - 12 UN	113	62	96	31.8	28.6	12GS12FJX90L	£35.90	€ 40.57
-16	25	1	1.5/16" - 12 UN	144	87.6	114	38.1	38.1	16GS16FJX90L	£46.53	€ 52.57
-16	25	1	1.5/8" - 12 UN	154	97.6	129	50.8	38.1	16GS20FJX90L	£93.92	€ 106.13
-20	32	1.1/4	1.5/8" - 12 UN	174	102.9	129	50.8	47.6	20GS20FJX90L	£67.03	€ 75.75



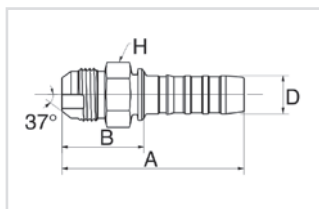
## JIC 37° MJ

Male JIC parallel. 37° cone.

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**GH01**



				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	£3.96 € 4.47
-6	10	3/8	3/4" -16 UNF	70	34.2	20.6	6GS8MJ	£6.58 € 7.44
-6	10	3/8	7/8" -14 UNF	77	41.2	23.8	6GS10MJ	£12.98 € 14.67
-8	12	1/2	3/4" -16 UNF	72	34.5	20.6	8GS8MJ	£3.82 € 4.32
-8	12	1/2	7/8" -14 UNF	75	37.5	22.2	8GS10MJ	£4.92 € 5.56
-10	16	5/8	7/8" -14 UNF	92	41.7	23.8	10GS10MJ	£8.07 € 9.12
-10	16	5/8	1.1/16" -12 UN	94	43.7	27	10GS12MJ	£10.02 € 11.32
-12	20	3/4	1.1/16" -12 UN	93	42	28.6	12GS12MJ	£8.14 € 9.20
-12	20	3/4	1.3/16" -12 UN	94	43	31.8	12GS14MJ	£17.91 € 20.24
-12	20	3/4	1.5/16" -12 UN	96	45	33.3	12GS16MJ	£11.16 € 12.61
-16	25	1	1.5/16" -12 UN	104	47.2	34.9	16GS16MJ	£11.66 € 13.17
-16	25	1	1.5/8" -12 UN	108.5	51.7	44.5	16GS20MJ	£22.00 € 24.86
-20	32	1.1/4	1.5/8" -12 UN	125	53.9	44.5	20GS20MJ	£31.41 € 35.49
-24	40	1.1/2	1.7/8" -12 UN	130	56.4	50	24GSP24MJ	£29.34 € 33.15
-32	50	2	2.1/2" -12 UN	161.1	69.1	65	32GSP32MJ	£38.04 € 42.99

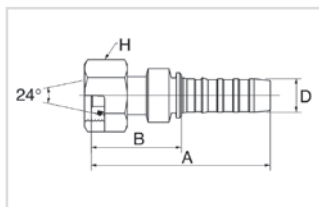
## DIN 24° FDLORX

Female DIN 'O' ring swivel. 24° cone. Light series.

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TECH. DATA SHEET

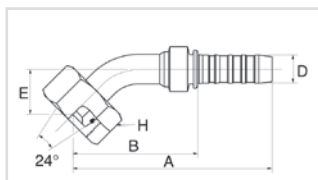
**GH01**










				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	£5.15 € 5.81
-8	12	1/2	M22 x 1.5	73	35.5	27	8G515FDLORX	£6.12 € 6.92
-10	16	5/8	M26 x 1.5	91.8	41.5	32	10G518FDLORX	£7.51 € 8.48
-12	20	3/4	M30 x 2.0	97	46	36	12G522FDLORX	£9.65 € 10.90
-12	20	3/4	M36 x 2.0	99	48	41	12G528FDLORX	£21.30 € 24.07
-16	25	1	M36 x 2.0	105	48.6	41	16G528FDLORX	£19.67 € 22.22
-20	32	1.1/4	M45 x 2.0	132.5	61.4	50	20G535FDLORX	£23.05 € 26.04
-24	40	1.1/2	M52 x 2.0	135.7	62	60	24G51342FDLORX	£30.90 € 34.92

## DIN 24° FDLORX45

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TECH. DATA SHEET  
**GH01**

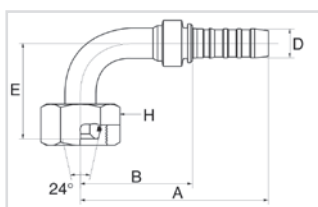


Female DIN 'O' ring swivel. 24° cone. Light series.  
45° swept elbow. Drop dimensions meet ISO 12151-2.








														
SIZE	DN	"		A	B	E	H	REF.						
				mm	mm	mm	mm	G						
										£ STERLING	€ EUROS			
-8	12	1/2	M22 x 1.5	94.7	57.2	20.2	27	8G515FDLORX45		£13.13	€ 14.83			
-12	20	3/4	M30 x 2.0	135.8	84.8	29.8	36	12G522FDLORX45		£24.23	€ 27.38			
-16	25	1	M36 x 2.0	155.5	99.1	30.9	41	16G528FDLORX45		£22.06	€ 24.93			
-24	40	1.1/2	M52 x 2.0	208.9	135.2	44	60	24G51342FDLORX45		£39.83	€ 45.00			

## DIN 24° FDLORX90

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TECH. DATA SHEET  
**GH01**

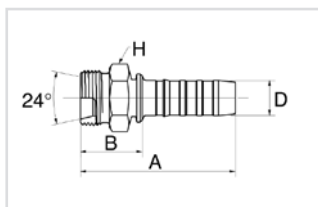


Female DIN 'O' ring swivel. 24° cone. Light series.  
90° swept elbow. Drop dimensions meet ISO 12151-2.







														
SIZE	DN	"		A	B	E	H	REF.						
				mm	mm	mm	mm	G						
										£ STERLING	€ EUROS			
-6	10	3/8	M18 x 1.5	78	42.2	37	22	6G512FDLORX90		£10.34	€ 11.69			
-8	12	1/2	M22 x 1.5	88	50.5	42	27	8G515FDLORX90		£13.16	€ 14.87			
-10	16	5/8	M26 x 1.5	113.5	63.2	51.5	32	10G518FDLORX90		£16.25	€ 18.37			
-12	20	3/4	M30 x 2.0	126	75	62	36	12G522FDLORX90		£24.23	€ 27.38			
-16	25	1	M36 x 2.0	151	94.6	70	41	16G528FDLORX90		£22.06	€ 24.93			
-24	40	1.1/2	M52 x 2.0	194.6	120.9	92	60	24G51342FDLORX90		£39.83	€ 45.00			

## DIN 24° MDL

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TECH. DATA SHEET  
**GH01**



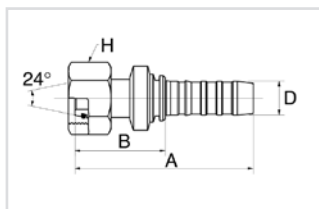
Male DIN parallel. 24° inverted cone. Light series.

												
SIZE	DN	"		A	B	H	REF.					
				mm	mm	mm	G					
										£ STERLING	€ EUROS	
-6	10	3/8	M18 x 1.5	60	24.2	19	6GS12MDL			£5.78	€ 6.53	
-8	12	1/2	M22 x 1.5	63	25.5	24	8GS15MDL			£5.22	€ 5.90	
-10	16	5/8	M26 x 1.5	76.5	26.2	27	10GS18MDL			£8.78	€ 9.92	
-12	20	3/4	M30 x 2.0	79.5	28.5	32	12GS22MDL			£18.24	€ 20.61	
-16	25	1	M36 x 2.0	90	33.2	41	16GS28MDL			£20.40	€ 23.05	
-24	40	1.1/2	M52 x 2.0	120	46.4	55	24GSP42MDL			£29.53	€ 33.36	

## DIN 24° FDHORX

[www.flowfitonline.com](http://www.flowfitonline.com)

TECH. DATA SHEET

**GH01**


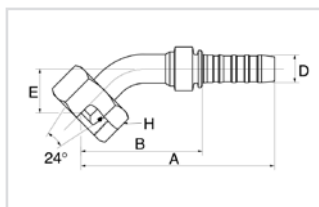
Female DIN 'O' ring swivel. 24° cone. Heavy series.





				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	£5.41 € 6.11
-6	10	3/8	M22 x 1.5	75.5	39.7	27	6GS14FDHORX	£6.64 € 7.50
-8	12	1/2	M22 x 1.5	76.5	38.9	27	8GS14FDHORX	£42.39 € 47.90
-8	12	1/2	M24 x 1.5	79	41.5	30	8GS16FDHORX	£6.90 € 7.80
-8	12	1/2	M30 x 2.0	82	44.5	36	8GS20FDHORX	£11.99 € 13.55
-10	16	5/8	M30 x 2.0	100	49.7	36	10GS20FDHORX	£7.85 € 8.88
-10	16	5/8	M36 x 2.0	104	53.7	46	10GS25FDHORX	£28.52 € 32.23
-12	20	3/4	M30 x 2.0	103	52	36	12GS20FDHORX	£10.92 € 12.34
-12	20	3/4	M36 x 2.0	107.4	56.4	46	12GS25FDHORX	£14.42 € 16.29
-12	20	3/4	M42 x 2.0	97	46	50	12GS30FDHORX	£30.24 € 34.17
-16	25	1	M36 x 2.0	116	59.6	46	16GS25FDHORX	£17.21 € 19.45
-16	25	1	M42 x 2.0	118	61.6	50	16GS30FDHORX	£19.59 € 22.14
-20	32	1.1/4	M52 x 2.0	145	73.9	60	20GS38FDHORX	£27.52 € 31.10
-24	40	1.1/2	M52 x 2.0	180	85	60	24GSH38FDHORX	£28.88 € 32.63
-24	40	1.1/2	M52 x 2.0	150	76.3	60	24GSP38FDHORX	£31.87 € 36.01

## DIN 24° FDHORX45

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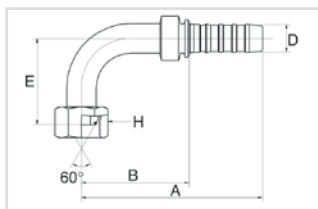
TECH. DATA SHEET

**GH01**

 Female DIN 'O' 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	£8.02	€ 9.06
-6	10	3/8	M22 x 1.5	88.8	53	21	27	6G514FDHORX45	£15.03	€ 16.98
-8	12	1/2	M24x 1.5	96.1	58.7	21.6	30	8G516FDHORX45	£12.09	€ 13.66
-10	16	5/8	M30 x 2.0	121.6	71.3	24.9	36	10G520FDHORX45	£13.50	€ 15.26
-12	20	3/4	M30 x 2.0	160.9	109.9	29.8	36	12G520FDHORX45	£22.43	€ 25.34
-12	20	3/4	M36 x 2.0	137.3	86.3	31.2	46	12G525FDHORX45	£20.07	€ 22.67
-16	25	1	M36 x 2.0	159.7	103.3	35.1	46	16G525FDHORX45	£33.76	€ 38.15
-16	25	1	M42 x 2.0	159.7	103.3	35.1	50	16G530FDHORX45	£25.98	€ 29.35
-20	32	1.1/4	M52 x 2.0	196	124.9	42.5	60	20G538FDHORX45	£49.13	€ 55.52
-24	40	1.1/2	M52 x 2.0	236.9	141.9	44	60	24G51-138FDHORX45	£49.75	€ 56.22
-24	40	1.1/2	M52 x 2.0	208.9	135.2	44	60	24G51338FDHORX45	£49.75	€ 56.22

## DIN 24° FDHORX90

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TECH. DATA SHEET  
**GH01**

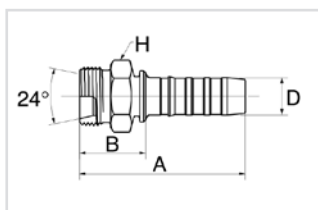


Female DIN 'O' ring swivel. 24° cone. Heavy series.  
90° swept elbow. Drop dimensions meet ISO 12151-2.

				A	B	E	H	REF.	
SIZE	DN	"		mm	mm	mm	mm	G	NETT. PRICE
								£ STERLING	€ EUROS
-6	10	3/8	M20 x 1.5	78	42.2	37	24	6G512FDHORX90	£9.42 € 10.64
-6	10	3/8	M22 x 1.5	78	42.2	40	27	6G514FDHORX90	£14.76 € 16.68
-8	12	1/2	M24 x 1.5	88	50.5	44	30	8G516FDHORX90	£12.05 € 13.62
-10	16	5/8	M30 x 2.0	112.5	62.2	51	36	10G520FDHORX90	£13.50 € 15.26
-12	20	3/4	M30 x 2.0	126	75	62	36	12G520FDHORX90	£22.43 € 25.34
-12	20	3/4	M36 x 2.0	126	75	64	46	12G525FDHORX90	£20.07 € 22.67
-16	25	1	M36 x 2.0	151	94.6	76	46	16G525FDHORX90	£33.76 € 38.15
-16	25	1	M42 x 2.0	151	94.6	76	50	16G530FDHORX90	£25.98 € 29.35
-20	32	1.1/4	M52 x 2.0	180.5	109.4	87	60	20G538FDHORX90	£49.13 € 55.52
-24	40	1.1/2	M52 x 2.0	194.6	121	92	60	24G51338FDHORX90	£49.13 € 55.52

## DIN 24° MDH

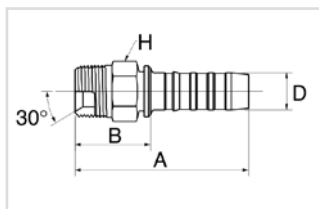
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**GH01**



Male DIN parallel. 24° inverted cone. Heavy series.





				A	B	H	REF.		
SIZE	DN	"		mm	mm	mm	G	NETT. PRICE	
								£ STERLING	€ EUROS
-6	10	3/8	M20 x 1.5	63.7	27.9	22	6GS12MDH	£5.75	€ 6.50
-6	10	3/8	M22 x 1.5	65.7	29.9	24	6GS14MDH	£7.47	€ 8.44
-8	12	1/2	M24 x 1.5	67.5	30	27	8GS16MDH	£6.76	€ 7.64
-10	16	5/8	M30 x 2.0	85	34.7	32	10GS20MDH	£9.53	€ 10.77
-12	20	3/4	M30 x 2.0	85	34	32	12GS20MDH	£13.51	€ 15.27
-12	20	3/4	M36 x 2.0	89	38	41	12GS25MDH	£11.80	€ 13.34
-12	20	3/4	M42 x 2.0	95	44	46	12GS30MDH	£18.24	€ 20.61
-16	25	1	M36 x 2.0	97	40.2	41	16GS25MDH	£23.31	€ 26.34
-16	25	1	M42 x 2.0	99	42.2	46	16GS30MDH	£18.65	€ 21.07
-20	32	1.1/4	M52 x 2.0	123	51.9	55	20GS38MDH	£33.14	€ 37.45

Male NPTF pipe. 30°



**TECH. DATA SHEET**

# GH01

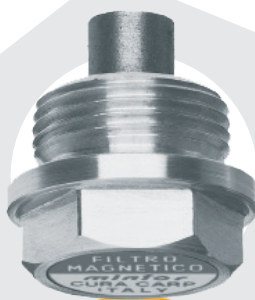
<div><div></div><div></div><div></div><div></div></div>									
D				A	B	H	REF.		
SIZE	DN	"		mm	mm	mm	G	NETT. PRICE	
								£ STERLING	€ EUROS
-6	10	3/8	3/8" -18 NPTF	69	33.2	17.5	6GS6MP	£3.57	€ 4.03
-6	10	3/8	1/2" -14 NPTF	73	37.2	22.2	6GS8MP	£10.08	€ 11.39
-8	12	1/2	1/2" - 14 NPTF	74	36.5	22.2	8GS8MP	£4.25	€ 4.81
-8	12	1/2	3/4" - 14 NPTF	77	39.5	27	8GS12MP	£20.30	€ 22.94
-10	16	5/8	1/2" -14 NPTF	87	36.7	23.8	10GS8MP	£17.21	€ 19.45
-10	16	5/8	3/4" - 14 NPTF	91	40.7	28.6	10GS12MP	£35.22	€ 39.80
-12	20	3/4	3/4" -14 NPTF	90	39	27	12GS12MP	£6.44	€ 7.27
-12	20	3/4	1" - 11.5 NPTF	97	46	34.9	12GS16MP	£18.55	€ 20.97
-16	25	1	3/4" - 14 NPTF	101	44.2	34.9	16GS12MP	£52.40	€ 59.21
-16	25	1	1" - 11.5 NPTF	106	49.2	34.9	16GS16MP	£12.42	€ 14.04
-16	25	1	1.1/4" - 11.5 NPTF	109	52.2	44.5	16GS2OMP	£34.78	€ 39.30
-20	32	1.1/4	1.1/4" - 11.5 NPTF	127	55.9	44.5	20GS2OMP	£29.68	€ 33.54
-24	40	1.1/2	1.1/2" - 11.5 NPTF	133	59.4	50.8	24GSP24MP	£30.16	€ 34.08
-32	50	2	2" - 11.5 NPTF	153.7	61.7	63.5	32GSP32MP	£34.48	€ 38.96

# MINTOR ACCESSORIES FOR HYDRAULIC COMPONENTS

PRODUCT	PAGE
BREATHER PLUGS	668
MAGNETIC PLUGS	674
DRAIN FILLING PLUGS	677
VISUAL LEVEL INDICATORS	680
FILLING PLUGS	692
PLUGS ON INCLINED FLANGE	698



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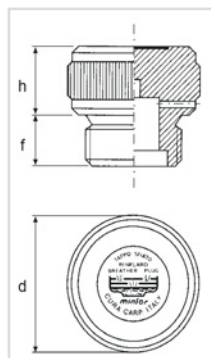


## BREATHER PLUGS

### TCF/Z - FILLING PLUG WITH BREATHER

- 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.

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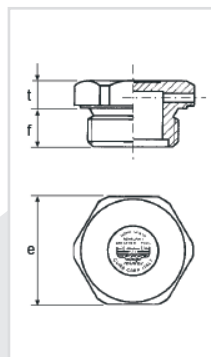
TYPE	CODE	GAS	h	f	d	NETT. PRICE	
						£ STERLING	€ EUROS
TCF/ZOG	1GCFZ00A	1/8"	12	8	20	£2.38	€ 2.69
TCF/Z1G	1GCFZ10A	1/4"	12	8	22	£2.74	€ 3.10
TCF/Z2G	1 GCFZ20A	3/8"	13,5	10	26	£3.18	€ 3.60
TCF/ZOG	1GCFZ30A	1/2"	16,5	10	30	£3.59	€ 4.06
TCF/Z4G	1 GCFZ40A	3/4"	20	12	40	£6.07	€ 6.86
TCF/Z5G	1GCFZ50A	1"	21,5	14	45	£8.81	€ 9.95
TCF/ZOG	1GCFZ60A	1 1/4"	20	15	55	£13.30	€ 15.03
TCF/Z7G	1 GCFZ70A	1 1/2"	20	15	55	£15.93	€ 18.00
TCF/Z8G	1 GCFZ80A	2"	20	17	70	£29.41	€ 33.23

TYPE	CODE	MB SERIES	h	f	d	NETT. PRICE	
						£ STERLING	€ EUROS
TCF/ZOM	1 MCFZ00A	10 x 1	12	8	20	£2.38	€ 2.69
TCF/Z1 M	1MCFZ10A	14 x 1,5	12	8	22	£2.74	€ 3.10
TCF/Z2M	1MCFZ20A	16 x 1,5	12	10	26	£3.18	€ 3.60
TCF/ZOM	1MCFZ30A	18 x 1,5	12	10	26	£3.56	€ 4.02
TCF/Z4M	1 MCFZ40A	20 x 1,5	15	10	30	£3.58	€ 4.05
TCF/Z5M	1MCFZ50A	22 x 1,5	15	10	30	£3.59	€ 4.06
TCF/ZOM	1MCFZ60A	24 x 2	15	12	36	£6.31	€ 7.13
TCF/Z7M	1 MCFZ70A	30 x 2	20	12	42	£8.16	€ 9.22
TCF/Z8M	1 MCFZ80A	33 x 2	21,5	14	45	£8.81	€ 9.95

### TCF - FILLING PLUG WITH BREATHER

- 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.

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TYPE	CODE	GAS	t	f	e	NETT. PRICE	
						£ STERLING	€ EUROS
TCFOG	1 GTC F00A	1/8"	5	8	14	£2.05	€ 2.31
TCF1 G	1GTCF10A	1/4"	7,5	8	17	£2.26	€ 2.55
TCF2G	1GTCF20A	3/8"	8,5	10	22	£2.34	€ 2.65
TCFOG	1GTCF30A	1/2"	8,5	10	27	£3.12	€ 3.52
TCF4G	1 GTCF40A	3/4"	9,5	12	32	£4.43	€ 5.01
TCFOG	1GTCF50A	1"	9,5	14	40	£7.17	€ 8.10
TCFOG	1GTCF60A	1 1/4"	10	15	50	£11.84	€ 13.38
TCF7G	1GTCF70A	1 1/2"	10	15	55	£14.26	€ 16.11
TCFOG	1 GTCF80A	2"	12	17	70	£28.51	€ 32.21

TYPE	CODE	MB SERIES	t	f	e	NETT. PRICE	
						£ STERLING	€ EUROS
TCFOM	1 MTC F00A	10 x 1	5	8	14	£2.05	€ 2.31
TCF1M	1MTCF10A	14 x 1,5	6	8	17	£2.26	€ 2.55
TCF2M	1MTCF20A	16 x 1,5	7	10	22	£2.34	€ 2.65
TCF3M	1MTCF30A	18 x 1,5	7	10	22	£2.84	€ 3.20
TCF4M	1 MTCF40A	20 x 1,5	7	10	24	£3.20	€ 3.62
TCF5M	1MTCF50A	22 x 1,5	8,5	10	27	£3.12	€ 3.52
TCF6M	1MTCF60A	24 x2	8	12	30	£5.13	€ 5.80
TCF7M	1MTCF70A	26 x1,5	8	12	32	£5.85	€ 6.61
TCF8M	1 MTCF80A	30 x2	8	12	36	£7.41	€ 8.38
TCF9M	1MTCF90A	33 x2	8	14	40	£7.98	€ 9.02
TCF10M	1MTCF91A	42 x3	10	15	50	£11.84	€ 13.38
TCF11M	1 MTCF92A	48 x3	10	15	55	£14.26	€ 16.11
TCF12M	1MTCF93A	60 x 4	12	17	70	£28.51	€ 32.21

## TCF/F - FILLING PLUG WITH BREATHER AND MILLED HEAD

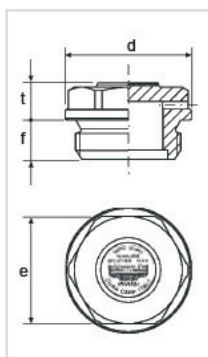
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TECH. DATA SHEET  
**MA01**

- 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	£1.90	€ 2.15
TCF/F1G	1G F/F10A	1/4"	20	9,5	8	17	£2.27	€ 2.56
TCF/F2G	1G F/F20A	3/8"	22	10	9	18	£2.33	€ 2.63
TCF/FOG	1G F/F30A	1/2"	28	10,5	11	22	£3.03	€ 3.43
TCF/F4G	1G F/F40A	3/4"	32	10,5	12	27	£1.84	€ 2.08
TCF/F5G	1G F/F50A	1"	40	12	12,5	34	£6.83	€ 7.71



TYPE	CODE	MB SERIES	d	t	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TCF/FOM	1MF/FOOA	10 x 1	14	7	8	10	£1.90	€ 2.15
TCF/F1M	1MF/F10A	14 x 1,5	20	8	8	17	£2.27	€ 2.56
TCF/F2M	1MF/F20A	16 x 1,5	22	10	9	18	£2.33	€ 2.63
TCF/FOM	1MF/F30A	18 x 1,5	26	8	9	20	£2.55	€ 2.88
TCF/F4M	1M F/F40A	20 x 1,5	28	9	11	22	£2.88	€ 3.25
TCF/F5M	1M F/F50A	22 x 1,5	28	10,5	11	22	£3.03	€ 3.43

## TCFS - FILLING PLUG AND BREATHER

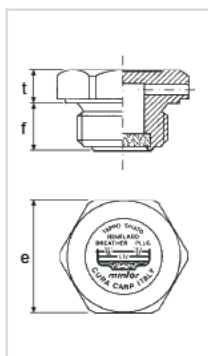
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**MA01**

- 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	£3.30	€ 3.73
TCFS2G	1 GCFS20A	3/8"	8,5	10,5	22	40	£3.78	€ 4.27
TCFS3G	1GCFS30A	1/2"	7	12	27	40	£5.48	€ 6.19
TCFS4G	1GCFS40A	3/4"	9,5	14	32	40	£7.08	€ 8.00
TCFS5G	1GCFS50A	1"	8	16	40	40	£10.02	€ 11.32

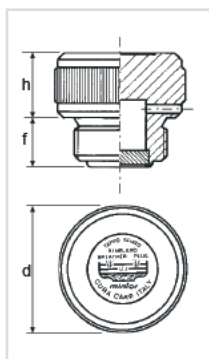


TYPE	CODE	MB SERIES	t	f	e	μ	NETT. PRICE	
							£ STERLING	€ EUROS
TCFS1M	1MCFS10A	14 x 1,5	6	8	17	40	£3.30	€ 3.73
TCFS2M	1MCFS20A	16 x 1,5	7	9	22	40	£3.80	€ 4.30
TCFS3M	1MCFS30A	18 x 1,5	7	9	22	40	£4.48	€ 5.07
TCFS4M	1 MCFS40A	20 x 1,5	7	12	24	40	£5.44	€ 6.15
TCFS5M	1 MCFS50A	22 x 1,5	7	12	27	40	£5.48	€ 6.19

## TCSF/Z - FILLING PLUG AND BREATHER

- 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.

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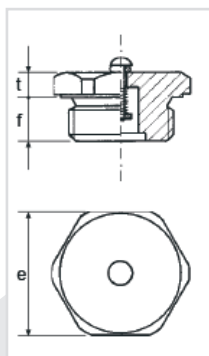
TYPE	CODE	GAS	h	f	d	μ	NETT. PRICE	
							£ STERLING	€ EUROS
TCSF/Z1G	1GSFZ10A	1/4"	12	8	22	40	£4.44	€ 5.02
TCSF/Z2G	1GSFZ20A	3/8"	12	10	26	40	£5.07	€ 5.73
TCSF/Z3G	1GSFZ30A	1/2"	16,5	12	30	40	£6.03	€ 6.81
TCSF/Z4G	1GSFZ40A	3/4"	20	13,5	40	40	£8.81	€ 9.95
TCSF/Z5G	1GSFZ50A	1"	21,5	14	45	40	£11.68	€ 13.19
TCSF/Z6G	1GSFZ60A	1" 1/4	21,5	16	55	200	£16.41	€ 18.54
TCSF/Z7G	1GSFZ70A	1" 1/2	21,5	16	55	200	£19.01	€ 21.48
TCSF/Z8G	1GSFZ80A	2"	20	17	70	200	£29.34	€ 33.15

TYPE	CODE	MB SERIES	h	f	d	μ	NETT. PRICE	
							£ STERLING	€ EUROS
TCSF/Z1M	1MSFZ10A	14 x 1,5	12	8	22	40	£4.44	€ 5.02
TCSF/Z2M	1MS FZ20A	16 x 1,5	12	10	26	40	£5.07	€ 5.73
TCSF/Z3M	1MS FZ30A	18 x 1,5	12	10	26	40	£5.55	€ 6.28
TCSF/Z4M	1MS FZ40A	20 x 1,5	15	12	30	40	£6.32	€ 7.14
TCSF/Z5M	1MS FZ50A	22 x 1,5	15	12	30	40	£6.37	€ 7.20
TCSF/Z6M	1MS FZ60A	24 x 2	15	13,5	36	40	£8.06	€ 9.11
TCSF/Z7M	1MS FZ70A	30 x 2	20	14	42	40	£10.32	€ 11.66
TCSF/Z8M	1MS FZ80A	33 x 2	20	14	45	40	£11.68	€ 13.19

## TMV - BREATHER PLUG

- Breather plug with O-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.

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TYPE	CODE	GAS	t	f	e	NETT. PRICE	
						£ STERLING	€ EUROS
TMVOG	1GTMVO0A	1/8"	5	8	14	£3.15	€ 3.56
TMV1G	1GTMV10A	1/4"	6	8	17	£3.36	€ 3.80
TMV2G	1GTMV20A	3/8"	7	10	22	£4.01	€ 4.53
TMVOG	1GTMV30A	1/2"	7	10	27	£4.90	€ 5.54
TMV4G	1GTMV40A	3/4"	8	12	32	£7.36	€ 8.32
TMVOG	1GTMV50A	1"	8	14	40	£9.38	€ 10.60

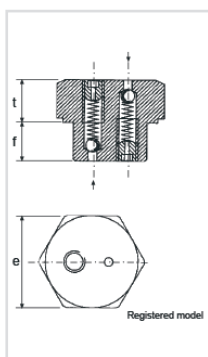
TYPE	CODE	MB SERIES	t	f	e	NETT. PRICE	
						£ STERLING	€ EUROS
TMVOM	1MTMVO0A	10 x 1	5	8	14	£3.15	€ 3.56
TMV1M	1MTMV10A	12 x 1,5	6	8	17	£3.15	€ 3.56
TMV2M	1MTMV20A	14 x 1,5	6	8	17	£3.36	€ 3.80
TMVOM	1MTMV30A	16 x 1,5	7	10	22	£4.01	€ 4.53
TMV4M	1MTMV40A	18 x 1,5	7	10	22	£4.60	€ 5.20
TMVOM	1MTMV50A	20 x 1,5	7	10	24	£5.20	€ 5.87
TMVOM	1MTMV60A	22 x 1,5	7	10	27	£4.90	€ 5.54

## TSVV - BREATHER PLUG WITH DOUBLE VALVE

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• 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.



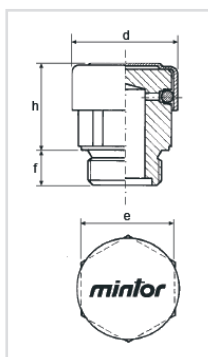
TYPE	CODE	GAS	t	f	e	NETT. PRICE	
						£ STERLING	€ EUROS
TSVV1G	1GSVV10A	1/4"	10	10	17	£7.17	€ 8.10
TSVV2G	1GSVV20A	3/8"	10	10	22	£7.59	€ 8.58
TSVV3G	1GSVV30A	1/2"	10	10	27	£9.24	€ 10.44
TSVV4G	1GSVV40A	3/4"	8	12	32	£12.36	€ 13.97
TSVV5G	1GSVV50A	1"	8	14	40	£18.64	€ 21.06
TSVVZ7G	1GSVVZ70	1" 1/2	31	14	55	£50.84	€ 57.45
TSVVZ8G	1GSVVZ80	2"	31	14	70	£60.86	€ 68.77

TYPE	CODE	MB SERIES	t	f	e	NETT. PRICE	
						£ STERLING	€ EUROS
TSVVOM	1MSVV00A	12 x 1,5	10	10	17	£7.17	€ 8.10
TSVV1M	1MSVV10A	14 x 1,5	10	10	17	£7.17	€ 8.10
TSVV2M	1MSVV20A	16 x 1,5	10	10	22	£7.59	€ 8.58
TSVVOM	1MSVV30A	18 x 1,5	10	10	22	£8.39	€ 9.48
TSVV4M	1MSVV40A	20 x 1,5	10	10	24	£8.95	€ 10.11
TSVVOM	1MSVV50A	22 x 1,5	10	10	27	£9.24	€ 10.44
TSVVOM	1MSVV60A	24 x 1,5	10	10	30	£13.80	€ 15.59
TSVV7M	1MSVV70A	26 x 1,5	8	12	32	£15.97	€ 18.05
TSVVOM	1MSVV80A	30 x 2	8	12	36	£17.79	€ 20.10
TSVV9M	1MSVV90A	33 x 2	8	14	40	£18.64	€ 21.06

## TSFO/R - BREATHER PLUG

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• Oil filling and breather plug with galvanized-steel cover.  
• Large internal chamber with O-ring especially designed for Agricultural and Earth- moving Machines, to be applied wherever there is strong sloshing of the fluids.



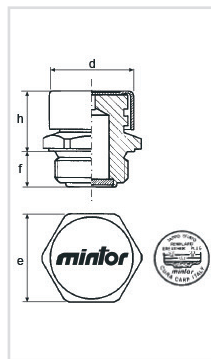
TYPE	CODE	GAS	d	h	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TSFO/ROG	1GTOROOM	1/8"	21	21	8	17	£3.15	€ 3.56
TSFO/R1 G	1GTOR1OM	1/4"	21	21	8	17	£3.34	€ 3.77
TSFO/R2G	1GTOR2OM	3/8"	24	23	9	20	£3.54	€ 4.00
TSFO/R3G	1GTOR3OM	1/2"	30	26	10	27	£4.69	€ 5.30
TSFO/R4G	1GTOR4OM	3/4"	30	24	12	32	£6.56	€ 7.42
TSFO/R5G	1GTOR5OM	1"	38	29	14	40	£10.07	€ 11.38

TYPE	CODE	MB SERIES	d	h	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TSFO/ROM	1MTOROOM	10 x 1	21	21	8	17	£3.15	€ 3.56
TSFO/R1 M	1MTOR1OM	14 x 1,5	21	21	8	17	£3.34	€ 3.77
TSFO/R2M	1MTOR2OM	16 x 1,5	24	23	9	20	£3.54	€ 4.00
TSFO/R3M	1MTOR3OM	18 x 1,5	30	26	10	27	£3.54	€ 4.00
TSFO/R4M	1MTOR4OM	20 x 1,5	30	26	10	27	£4.60	€ 5.20
TSFO/R5M	1MTOR5OM	22 x 1,5	30	26	10	27	£4.69	€ 5.30

## TSF - OIL FILLING PLUG WITH BREATHER

- 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.

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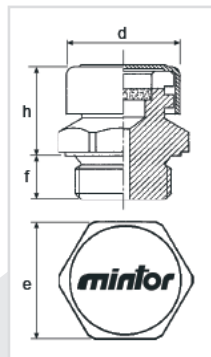
TYPE	CODE	GAS	d	h	f	e	μ	NETT. PRICE	
								£ STERLING	€ EUROS
TSF1G	1GTSF10M	1/4"	16,5	17	8	17	40	£4.66	€ 5.27
TSF2G	1GTSF20M	3/8"	22	19	10	22	40	£5.67	€ 6.41
TSF3G	1GTSF30M	1/2"	26	21	12	27	40	£6.84	€ 7.72
TSF4G	1GTSF40M	3/4"	30	24	14	32	40	£9.44	€ 10.67
TSF5G	1GTSF50M	1"	38	29	16	40	40	£13.42	€ 15.16
TSF6G	1GTSF60A	1 1/4"	50	33	16	50	200	£22.46	€ 25.38
TSF7G	1GTSF70A	1 1/2"	55	35	16	55	200	£30.60	€ 34.57
TSF8G	1GTSF80A	2"	70	40	16	70	200	£56.76	€ 64.14

TYPE	CODE	MB SERIES	d	h	f	e	μ	NETT. PRICE	
								£ STERLING	€ EUROS
TSF1M	1MTSF10M	14 x 1,5	16,5	17	8	17	40	£4.66	€ 5.27
TS F2M	1MTSF20M	16 x 1,5	22	19	10	22	40	£5.67	€ 6.41
TS F3M	1MTSF30M	18 x 1,5	22	19	10	22	40	£6.32	€ 7.14
TSF4M	1MTSF40M	20 x 1,5	24	21	12	24	40	£6.78	€ 7.66
TSF5M	1MTSF50M	22x 1,5	26	21	12	27	40	£6.84	€ 7.72
TSF6M	1MTSF60M	24 x 2	30	24	12	30	40	£12.06	€ 13.63
TSF7M	1MTSF70M	30 x 2	30	25	14	36	40	£12.92	€ 14.59
TSF8M	1MTSF80M	33 x 2	38	29	16	40	40	£13.42	€ 15.16
TSF9M	1MTSF90A	42 x 3	50	33	16	50	200	£22.46	€ 25.38
TSF10M	1MTSF91A	48 x 3	55	35	16	55	200	£30.60	€ 34.57
TSF11M	1MTSF92A	60 x 4	70	40	16	70	200	£56.76	€ 64.14

## TSFA - OIL FILLING PLUG AND BREATHER

- 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.

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TYPE	CODE	GAS	d	h	f	e	μ	NETT. PRICE	
								£ STERLING	€ EUROS
TSFAOG	1GTS FAOM	1/8"	16,5	16	8	14	40	£3.69	€ 4.16
TSFA1G	1GTSFA1M	1/4"	16,5	17	8	17	40	£3.90	€ 4.40
TSFA2G	1GTSFA2M	3/8"	22	19	11	22	40	£4.87	€ 5.51
TSFAOG	1GTSFA3M	1/2"	26	20	11	27	40	£6.11	€ 6.91
TSFA4G	1GTSFA4M	3/4"	30	24	12	32	40	£8.53	€ 9.63
TSFAOG	1GTSFA5M	1"	38	29	14	40	40	£13.01	€ 14.70

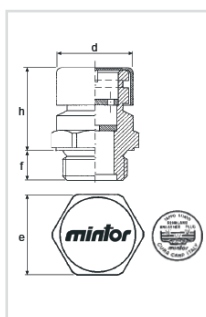
TYPE	CODE	MB SERIES	d	h	f	e	μ	NETT. PRICE	
								£ STERLING	€ EUROS
TSFAOM	1MTSFAOM	10 x 1	16,5	16	8	14	40	£4.46	€ 5.04
TSFA1 M	1MTSFA1M	12 x 1,5	16,5	17	8	17	40	£4.48	€ 5.07
TSFA2M	1MTSFA2M	14 x 1,5	16,5	17	8	17	40	£4.48	€ 5.07
TSFAOM	1MTSFA3M	16 x 1,5	22	19	11	22	40	£4.87	€ 5.51
TSFA4M	1MTSFA4M	18 x 1,5	22	19	11	22	40	£6.21	€ 7.01
TSFAOM	1MTSFA5M	20 x 1,5	24	20	11	24	40	£6.37	€ 7.20
TSFAOM	1MTSFA6M	22 x 1,5	26	20	11	27	40	£6.11	€ 6.91
TSFA7M	1MTSFA7M	24 x 1,5	30	24	12	30	40	£10.88	€ 12.29
TSFAOM	1MTSFA8M	26 x 1,5	30	24	12	32	40	£11.16	€ 12.61
TSFA9M	1MTSFA9M	30 x 1,5	30	25	14	36	40	£12.30	€ 13.89

## TSFT/N - OIL FILLING PLUG AND BREATHER

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- 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	1GTSN10M	1/4"	16.5	23	8	17	£5.13	€ 5.80
TSFT/N2G	1GTSN20M	3/8"	22	29	9	22	£6.15	€ 6.95
TSFT/N3G	1GTSN30M	1/2"	26	29	10	27	£8.57	€ 9.68
TSFT/N4G	1GTSN40M	3/4"	30	35	12	32	£10.72	€ 12.11
TSFT/N5G	1GTSN50M	1"	38	43	14	40	£15.36	€ 17.36
TSFT/N6G	1GTSN60A	1" 1/4	50	45	15	50	£28.27	€ 31.94
TSFT/N7G	1GTSN70A	1" 1/2	55	46	15	55	£34.20	€ 38.64
TSFT/N8G	1GTSN80A	2"	70	46	17	70	£65.49	€ 74.00

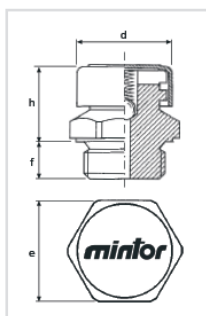
TYPE	CODE	MB SERIES	d	h	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TSFT/N1M	1MTSN10M	14 x 1,5	16,5	23	8	17	£5.15	€ 5.81
TSFT/N2M	1MTSN20M	16 x 1,5	22	29	9	22	£6.15	€ 6.95
TSFT/N3M	1MTSN30M	18 x 1,5	22	29	9	22	£7.52	€ 8.50
TSFT/N4M	1MTSN40M	20 x 1,5	24	29	10	24	£8.31	€ 9.39
TSFT/N5M	1MTSN50M	22 x 1,5	26	29	10	27	£8.57	€ 9.68
TSFT/N6M	1MTSN60M	24x2	30	35	12	30	£12.86	€ 14.53
TSFT/N7M	1MTSN70M	30 x 2	30	42	12	36	£16.61	€ 18.77
TSFT/N8M	1MTSN80M	33 x 2	38	43	14	40	£17.18	€ 19.41
TSFT/N9M	1MTSN90A	42 x 3	50	45	15	50	£28.27	€ 31.94
TSFT/N10M	1MTSN91A	48 x 3	55	46	15	55	£34.20	€ 38.64
TSFT/N11M	1MTSN92A	60 x 4	70	46	17	70	£65.49	€ 74.00

## TSS - BREATHER PLUG WITH VALVE

- 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.

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TYPE	CODE	GAS	d	h	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TSSOG	1 GTSSOOM	1/8"	16,5	16	8	14	£5.15	€ 5.81
TSS1 G	1GTSS10M	1/4"	16,5	17	9,5	17	£5.52	€ 6.24
TSS2G	1 GTSS20M	3/8"	22	19	11	22	£5.86	€ 6.62
TSSOG	1GTSS30M	1/2"	26	20	11	27	£6.98	€ 7.89
TSS4G	1 GTSS40M	3/4"	30	24	12	32	£9.65	€ 10.90
TSSOG	1GTSS50M	1"	38	29	14	40	£13.55	€ 15.31

TYPE	CODE	GAS	d	h	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TSSOM	1MTSSOOM	10 x 1	16,5	16	8	14	£5.15	€ 5.81
TSS1 M	1MTSS10M	14 x 1,5	16,5	17	9,5	17	£5.52	€ 6.24
TSS2M	1MTSS20M	16 x 1,5	22	19	11	22	£5.86	€ 6.62
TSSOM	1MTSS30M	18 x 1,5	22	19	11	22	£6.59	€ 7.45
TSS4M	1 MTSS40M	20 x 1,5	24	20	11	24	£6.95	€ 7.85
TSSOM	1MTSS50M	22 x 1,5	26	20	11	27	£6.98	€ 7.89
TSSOM	1MTSS60M	24 x 2	30	24	12	30	£8.62	€ 9.74
TSS7M	1MTSS70M	30 x 2	30	25	14	36	£13.95	€ 15.77
TSSOM	1MTSS80M	33 x 2	38	29	14	40	£13.55	€ 15.31



## PRS/F - EXTENSION FOR OIL WITH BREATHER

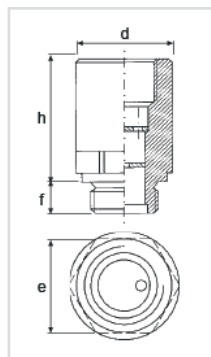
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- Made of aluminium alloy, same thread for both internal and external side, with large chamber with labyrinth.

- 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	£5.37	€ 6.06
PRS/F2G	1G PSF20A	3/8"	26	40	10	22	£6.56	€ 7.42
PRS/F3G	1G PSF30A	1/2"	30	40	11	27	£8.32	€ 9.40
PRS/F4G	1G PSF40A	3/4"	36	50	12	32	£10.53	€ 11.90
PRS/F5G	1G PSF50A	1"	42	50	14	38	£16.61	€ 18.77



TYPE	CODE	MB SERIES	d	h	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
PRS/F1M	1MPSF10A	14 x 1,5	20	40	8	17	£5.37	€ 6.06
PRS/F2M	1M PSF20A	16 x 1,5	26	40	10	22	£6.56	€ 7.42
PRS/F3M	1M PSF30A	18 x 1,5	26	40	10	22	£7.23	€ 8.17
PRS/F4M	1M PSF40A	20 x 1,5	30	40	11	27	£8.01	€ 9.05
PRS/F5M	1M PSF50A	22 x 1,5	30	40	11	27	£8.32	€ 9.40

## MAGNETIC PLUGS

### TCEM - MAGNETIC OIL DRAIN PLUG WITH HEX SLOT

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- Made of tempered, hardened alloy.

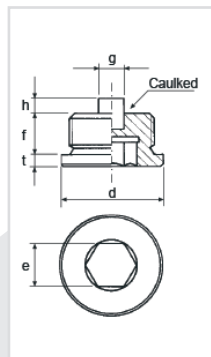
- A permanent magnetic insert of special alloy attracts and holds ferrous particles suspended or circulating in the oil.

- 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	£3.64	€ 4.12
TCEM1G	1GTEM10A	1/4"	6	5	5	12	3	18	£3.73	€ 4.21
TCEM2G	1GTEM20A	3/8"	8	5	5	12	3	22	£3.91	€ 4.41
TCEMOG	1GTEM30A	1/2"	10	6	5	14	4	26	£4.90	€ 5.54
TCEM4G	1GTEM40A	3/4"	12	10	6	16	4	32	£8.85	€ 10.00
TCEMOG	1GTEM50A	1"	17	10	6	16	5	40	£10.21	€ 11.53
TCEMOG	1GTEM60A	1" 1/4	22	15	10	16	5	49	£19.94	€ 22.53
TCEM7G	1GTEM70A	1" 1/2	24	15	10	16	5	55	£23.02	€ 26.01
TCEMOG	1GTEM80A	2"	32	15	15	20	5	68	£41.80	€ 47.23



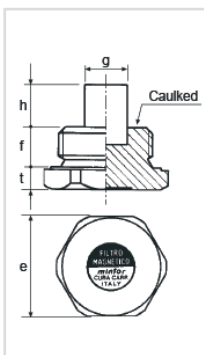
TYPE	CODE	MB SERIES	e	g	h	f	t	d	NETT. PRICE	
									£ STERLING	€ EUROS
TCEMOM	1MTEMOOA	10 x 1	5	5	4	8	3	14	£3.64	€ 4.12
TCEM1 M	1MTEM10A	12 x 1,5	6	5	4	12	3	17	£3.72	€ 4.20
TCEM2M	1MTEM20A	14 x 1,5	6	5	5	12	3	19	£3.73	€ 4.21
TCEM3M	1MTEM30A	16 x 1,5	8	5	5	12	3	21	£3.91	€ 4.41
TCEM4M	1MTEM40A	18 x 1,5	8	6	5	12	3	23	£4.43	€ 5.01
TCEM5M	1MTEM50A	20 x 1,5	10	6	5	14	4	25	£4.70	€ 5.32
TCEM6M	1MTEM60A	22 x 1,5	10	6	5	14	4	27	£4.90	€ 5.54
TCEM7M	1MTEM70A	24 x 1,5	12	6	5	14	4	29	£7.54	€ 8.52
TCEM8M	1MTEM80A	24 x 2	12	6	5	14	4	29	£7.54	€ 8.52
TCEM9M	1MTEM90A	26 x 1,5	12	10	6	16	4	32	£9.49	€ 10.73
TCEM10M	1MTEM91A	27x 2	12	10	6	16	4	32	£9.49	€ 10.73
TCEM11M	1MTEM92A	30 x 1,5	17	10	6	16	4	36	£10.05	€ 11.35
TCEM12M	1MTEM93A	30x 2	17	10	6	16	4	36	£10.05	€ 11.35
TCEM13M	1MTEM94A	33x 2	17	10	6	16	5	40	£10.21	€ 11.53

## TSCM - MAGNETIC DRAIN PLUG

• A magnetic insert attracts and holds ferrous particles suspended or circulating in the oil, safeguarding rotating parts.

• Recommended for high-rpm machinery.

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TYPE	CODE	GAS	e	g	h	f	t	NETT. PRICE	
								£ STERLING	€ EUROS
TSCMOG	1GSCMOOA	1/8"	14	5	6	8	5	£4.24	€ 4.79
TSCM1G	1GSCM10A	1/4"	17	5	6	8	7,5	£4.55	€ 5.14
TSCM2G	1GSCM20A	3/8"	22	6	6	10	8,5	£5.31	€ 6.00
TSCM3G	1GSCM30A	1/2"	27	8	8	10	8,5	£7.52	€ 8.50
TSCM4G	1GSCM40A	3/4"	32	10	10	12	9,5	£10.37	€ 11.72
TSCM5G	1GSCM50A	1"	40	15	15	14	9,5	£14.76	€ 16.68
TSCM6G	1GSCM60A	1" 1/4	50	15	15	15	10	£20.77	€ 23.47
TSCM7G	1GSCM70A	1" 1/2	55	15	15	15	10	£23.02	€ 26.01
TSCM8G	1GSCM80A	2"	70	15	15	17	12	£36.76	€ 41.54

TYPE	CODE	MB SERIES	e	g	h	f	t	NETT. PRICE	
								£ STERLING	€ EUROS
TSCMOM	1MSCMOOA	10 x 1	14	5	6	8	5	£4.48	€ 5.07
TSCM1M	1MSCM10A	12 x 1,5	17	5	6	8	6	£4.70	€ 5.32
TSCM2M	1MSCM20A	14 x 1,5	17	5	6	8	6	£4.92	€ 5.56
TSCM3M	1MSCM30A	16 x 1,5	22	6	6	10	8,5	£5.61	€ 6.34
TSCM4M	1MSCM40A	18 x 1,5	22	6	6	10	8,5	£5.89	€ 6.66
TSCM5M	1MSCM50A	20 x 1,5	24	8	8	10	7	£7.20	€ 8.14
TSCM6M	1MSCM60A	22 x 1,5	27	8	8	10	8,5	£8.14	€ 9.20
TSCM7M	1MSCM70A	24 x 2	30	10	10	12	8	£9.78	€ 11.05
TSCM8M	1MSCM80A	30 x 2	36	10	10	12	8	£12.50	€ 14.12
TSCM9M	1MSCM90A	33 x 2	40	15	15	14	8	£17.37	€ 19.62
TSCM10M	1MSCM91A	42 x 3	50	15	15	15	10	£21.84	€ 24.68
TSCM11M	1MSCM92A	48 x 3	55	15	15	15	10	£23.02	€ 26.01
TSCM12M	1MSCM93A	60 x 4	70	15	15	17	12	£36.76	€ 41.54

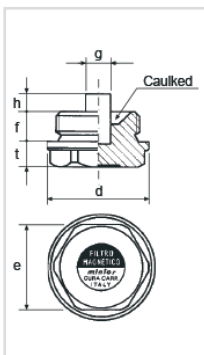
## TSCM/F - MAGNETIC DRAIN PLUG WITH MILLED HEAD

• 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

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TYPE	CODE	GAS	e	g	h	f	t	d	NETT. PRICE	
									£ STERLING	€ EUROS
TSCIWFOG	1GM/FOOA	1/8"	10	5	4	8	8	14	£4.54	€ 5.13
TSCIWF1G	1GM/F10A	1/4"	14	5	4	8	9,5	18	£5.01	€ 5.66
TSCWF2G	1GM/F20A	3/8"	18	5	5	9	10	22	£5.67	€ 6.41
TSCM/F3G	1GM/F30A	1/2"	22	6	6	11	10,5	28	£8.06	€ 9.11
TSCM/F4G	1GM/F40A	3/4"	27	10	6	12	12	32	£10.74	€ 12.14
TSCIWF5G	1GM/F50A	1"	34	10	7	14	12	40	£15.03	€ 16.98

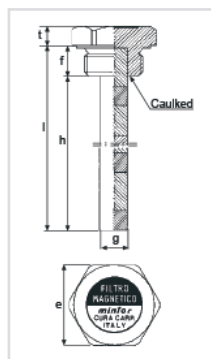
TYPE	CODE	MB SERIES	e	g	h	f	t	d	NETT. PRICE	
									£ STERLING	€ EUROS
TSCM/FOM	1MM/FOOA	10 x 1	10	5	4	8	8	14	£4.54	€ 5.13
TSCM/F1M	1MM/F10A	14 x 1,5	14	5	4	8	8	18	£5.01	€ 5.66
TSCWF2M	1MM/F20A	16 x 1,5	18	5	5	9	10	22	£5.67	€ 6.41
TSCWF3M	1MM/F30A	18 x 1,5	18	5	5	9	9	24	£6.21	€ 7.01
TSCWF4M	1MM/F40A	20 x 1,5	20	6	6	10	9	26	£6.85	€ 7.74
TSCWF5M	1MM/F50A	22 x 1,5	22	6	6	11	10,5	28	£8.06	€ 9.11
TSCWF6M	1MM/F60A	24 x 2	24	8	6	12	9	30	£9.88	€ 11.16
TSCWF7M	1MM/F70A	30 x 2	30	10	6	12	10,5	38	£12.44	€ 14.06
TSCWF8M	1MM/F80A	33 x 2	34	10	7	14	10,5	40	£15.03	€ 16.98

## FMC - MAGNETIC FILTER ROD

- 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.

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TYPE	CODE	GAS	t	f	l	h	g	e	NETT. PRICE	
									£ STERLING	€ EUROS
FMC1G	1GFMC10A	3/8"	7	10	80	70	9	22	£23.56	€ 26.63
FMC2G	1G FMC20A	1/2"	9,5	10	95	85	12	27	£28.76	€ 32.50
FMC3G	1G FMC30A	3/4"	9,5	12	102	90	17	32	£37.79	€ 42.70
FMC4G	1G FMC40A	1"	9,5	14	104	90	17	40	£47.60	€ 53.78
FMC5G	1G FMC50A	1" 1/4	10	15	105	90	28	50	£60.05	€ 67.86
FMC6G	1G FMC60A	1" 1/2	10	15	105	90	28	55	£62.83	€ 71.00
FMC7G	1G FMC70A	2"	12	17	107	90	28	70	£73.56	€ 83.13

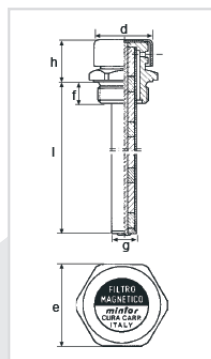
TYPE	CODE	MB SERIES	t	f	l	h	g	e	NETT. PRICE	
									£ STERLING	€ EUROS
FMC1M	1MFMC10A	16 x 1,5	7	10	80	70	9	22	£23.74	€ 26.83
FMC2M	1MFMC20A	18 x 1,5	7	10	80	70	9	22	£25.65	€ 28.99
FM C3M	1MFMC30A	20 x 1,5	7	10	95	85	12	24	£31.08	€ 35.12
FMC4M	1MFMC40A	22 x 1,5	8,5	10	95	85	12	27	£31.10	€ 35.14
FMC5M	1MFMC50A	24 x 2	8	12	102	90	12	30	£39.40	€ 44.52
FM C6M	1MFMC60A	30 x 2	8	12	102	90	17	36	£51.24	€ 57.90
FMC7M	1MFMC70A	33 x 2	8	14	104	90	17	40	£47.60	€ 53.78
FMC8M	1MFMC80A	42 x 3	10	15	105	90	28	50	£60.05	€ 67.86
FM C9M	1MFMC90A	48 x 3	10	15	105	90	28	55	£66.15	€ 74.75
FMC10M	1M FMC95A	60 x 4	12	17	107	90	28	70	£73.56	€ 83.13

## FMC/LS - MAGNETIC FILTER WITH DIPSTICK AND BREATHER

- 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.

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TYPE	CODE	GAS	t	f	l	h	g	e	NETT. PRICE	
									£ STERLING	€ EUROS
FMC/LS1G	1GFLS10A	1/2"	26	22	10	170	9	27	£32.87	€ 37.14
FMC/LS2G	1G FLS20A	3/4"	30	24	12	200	12	32	£43.80	€ 49.49
FMC/LS3G	1G FLS30A	1"	38	29	14	200	12	40	£58.02	€ 65.57
FM C/LS4G	1G FLS40A	1" 1/4	50	33	15	200	17	50	£70.42	€ 79.58

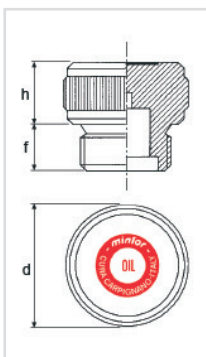
If the part number needed is not listed please ask the Flowfit Sales Team

## DRAIN FILLING PLUGS

### TC/Z - FILLING PLUG

- Threaded plug with knurled round head for hand-tightening.  
By request: with filling label

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TYPE	CODE	GAS	h	f	d	NETT. PRICE	
						£ STERLING	€ EUROS
TC/ZOG	1GCZ000A	1/8"	12	8	20	£2.27	€ 2.56
TC/Z1G	1GCZ010A	1/4"	12	8	22	£2.65	€ 2.99
TC/Z2G	1GCZ020A	3/8"	13,5	10	26	£3.00	€ 3.39
TC/Z3G	1GCZ030A	1/2"	16,5	10	30	£4.01	€ 4.53
TC/Z4G	1GCZ040A	3/4"	20	12	40	£5.85	€ 6.61
TC/Z5G	1GCZ050A	1"	21,5	14	45	£8.12	€ 9.17
TC/Z6G	1GCZ060A	1" 1/4	20	15	55	£12.57	€ 14.20
TC/Z7G	1GCZ070A	1" 1/2	20	15	55	£16.05	€ 18.14
TC/Z8G	1GCZ080A	2"	20	17	70	£29.93	€ 33.82

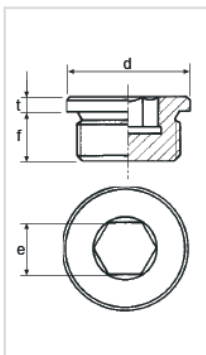
TYPE	CODE	MB SERIES	h	f	d	NETT. PRICE	
						£ STERLING	€ EUROS
TC/ZOM	1MCZ000A	10 x 1	12	8	20	£2.27	€ 2.56
TC/Z1M	1MCZ010A	14 x 1,5	12	8	22	£2.65	€ 2.99
TC/Z2M	1MCZ020A	16 x 1,5	12	10	26	£3.00	€ 3.39
TC/ZOM	1MCZ030A	18 x 1,5	12	10	26	£3.42	€ 3.87
TC/Z4M	1MCZ040A	20 x 1,5	15	10	30	£3.80	€ 4.30
TC/Z5M	1MCZ050A	22 x 1,5	15	10	30	£4.01	€ 4.53
TC/ZOM	1MCZ060A	24 x 2	15	12	36	£5.71	€ 6.45
TC/Z7M	1MCZ070A	30 x 2	20	12	42	£7.46	€ 8.42
TC/Z8M	1MCZ080A	33 x 2	20	14	45	£8.12	€ 9.17

### TCE - DRAIN FILLING PLUG WITH HEX SLOT

- Made of tempered, hardened light alloy.
- High twisting resistance, suitable for applications requiring minimum projection.

- Available with metal washers only.

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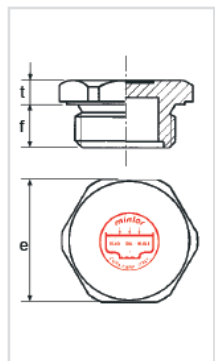
TYPE	CODE	GAS	d	t	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TCEOG	1GTBE00A	1/8"	14	3	8	5	£1.30	€ 1.47
TCE1G	1GTBE10A	1/4"	18	3	12	6	£1.44	€ 1.63
TCE2G	1GTBE20A	3/8"	22	3	12	8	£1.58	€ 1.78
TCEOG	1GTBE30A	1/2"	26	4	14	10	£2.10	€ 2.37
TCE4G	1GTBE40A	3/4"	32	4	16	12	£2.72	€ 3.07
TCEOG	1GTBE50A	1"	40	5	16	17	£3.91	€ 4.41
TCEOG	1GTBE60A	1" 1/4	49	5	16	22	£9.46	€ 10.69
TCE7G	1GTBE70A	1" 1/2	55	5	16	24	£11.81	€ 13.35
TCEOG	1GTBE80A	2"	68	5	20	32	£24.39	€ 27.56

TYPE	CODE	MB SERIES	d	t	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TCEOM	1MTBE00A	10 x 1	14	3	8	5	£1.30	€ 1.47
TCE1M	1MTBE10A	12 x 1,5	17	3	12	6	£1.40	€ 1.58
TCE2M	1MTBE20A	14 x 1,5	19	3	12	6	£1.44	€ 1.63
TCE3M	1MTBE30A	16 x 1,5	21	3	12	8	£1.58	€ 1.78
TCE4M	1MTBE40A	18 x 1,5	23	3	12	8	£1.74	€ 1.97
TCE5M	1MTBE50A	20 x 1,5	25	4	14	10	£2.22	€ 2.50
TCE6M	1MTBE60A	22 x 1,5	27	4	14	10	£2.10	€ 2.37
TCE7M	1MTBE70A	24 x 1,5	29	4	14	12	£4.00	€ 4.52
TCE8M	1MTBE80A	24 x 2	29	4	14	12	£4.00	€ 4.52
TCE9M	1MTBE90A	26 x 1,5	32	4	16	12	£4.08	€ 4.62
TCE10M	1MTBE91A	27 x 2	32	4	16	12	£4.39	€ 4.96
TCE11M	1MTBE92A	30 x 1,5	36	4	16	17	£4.47	€ 5.05
TCE12M	1MTBE93A	30 x 2	36	4	16	17	£4.47	€ 5.05
TCE13M	1MTBE94A	33 x 2	40	5	16	17	£4.57	€ 5.16

## TC - FILLING PLUG

• Tight-sealing, maximum resistance to twisting and overheating.

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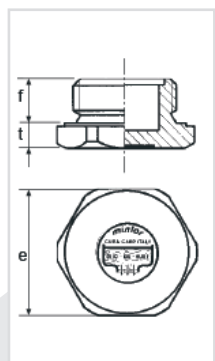
TYPE	CODE	GAS	t	f	e	NETT. PRICE	
						£ STERLING	€ EUROS
TCOG	1GTC000A	1/8"	5	8	14	£1.90	€ 2.15
TC1G	1GTC010A	1/4"	7,5	8	17	£1.95	€ 2.21
TC2G	1GTC020A	3/8"	8,5	10	22	£2.03	€ 2.29
TC3G	1GTC030A	1/2"	8,5	10	27	£2.84	€ 3.20
TC4G	1GTC040A	3/4"	9,5	12	32	£4.20	€ 4.75
TC5G	1GTC050A	1"	9,5	14	40	£6.43	€ 7.26
TC6G	1GTC060A	1" 1/4	10	15	50	£11.56	€ 13.06
TC7G	1GTC070A	1" 1/2	10	15	55	£13.44	€ 15.19
TC8G	1GTC080A	2"	12	17	70	£24.56	€ 27.75

TYPE	CODE	MB SERIES	t	f	e	NETT. PRICE	
						£ STERLING	€ EUROS
TC0M	1MTC000A	10 x 1	5	8	14	£1.90	€ 2.15
TC1M	1MTC010A	14 x 1,5	6	8	17	£1.95	€ 2.21
TC2M	1MTC020A	16 x 1,5	7	10	22	£2.03	€ 2.29
TC3M	1MTC030A	18 x 1,5	7	10	22	£2.68	€ 3.03
TC4M	1MTC040A	20 x 1,5	7	10	24	£3.07	€ 3.46
TC5M	1MTC050A	22 x 1,5	8,5	10	27	£2.84	€ 3.20
TC6M	1MTC060A	24 x 2	8	12	30	£4.68	€ 5.29
TC7M	1MTC070A	26 x 1,5	8	12	32	£5.05	€ 5.71
TC8M	1MTC080A	30 x 2	8	12	36	£6.59	€ 7.45
TC9M	1MTC090A	33 x 2	8	14	40	£7.14	€ 8.07
TC10M	1MTC091A	42 x 3	10	15	50	£11.56	€ 13.06
TC11M	1MTC092A	48 x 3	10	15	55	£14.95	€ 16.90
TC12M	1MTC093A	60 x 4	12	17	70	£24.56	€ 27.75

## TC - FILLING PLUG

• Tight-sealing, maximum resistance to twisting and overheating.

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TYPE	CODE	GAS	f	t	e	NETT. PRICE	
						£ STERLING	€ EUROS
TSCOG	1GTSC00A	1/8"	8	5	14	£1.90	€ 2.15
TSC1G	1GTSC10A	1/4"	8	7,5	17	£1.95	€ 2.21
TSC2G	1GTSC20A	3/8"	10	8,5	22	£2.03	€ 2.29
TSCOG	1GTSC30A	1/2"	10	8,5	27	£2.84	€ 3.20
TSC4G	1GTSC40A	3/4"	12	9,5	32	£4.20	€ 4.75
TSCOG	1GTSC50A	1"	14	9,5	40	£6.43	€ 7.26
TSCOG	1GTSC60A	1" 1/4	15	10	50	£11.56	€ 13.06
TSC7G	1GTSC70A	1" 1/2	15	10	55	£13.44	€ 15.19
TSCOG	1GTSC80A	2"	17	12	70	£24.56	€ 27.75

TYPE	CODE	MB SERIES	f	t	e	NETT. PRICE	
						£ STERLING	€ EUROS
TSCOM	1MTSC00A	10 x 1	8	5	14	£1.90	€ 2.15
TSC1M	1MTSC10A	14 x 1,5	8	6	17	£1.95	€ 2.21
TSC2M	1MTSC20A	16 x 1,5	10	7	22	£2.03	€ 2.29
TSC3M	1MTSC30A	18 x 1,5	10	7	22	£2.68	€ 3.03
TSC4M	1MTSC40A	20 x 1,5	10	7	24	£3.07	€ 3.46
TSC5M	1MTSC50A	22 x 1,5	10	8,5	27	£2.84	€ 3.20
TSC6M	1MTSC60A	24 x 2	12	8	30	£4.68	€ 5.29
TSC7M	1MTSC70A	26 x 1,5	12	8	32	£5.05	€ 5.71
TSC8M	1MTSC80A	30 x 2	12	8	36	£6.59	€ 7.45
TSC9M	1MTSC90A	33 x 2	14	8	40	£7.14	€ 8.07
TSC10M	1MTSC91A	42 x 3	15	10	50	£11.56	€ 13.06
TSC11M	1MTSC92A	48 x 3	15	10	55	£14.95	€ 16.90
TSC12M	1MTSC93A	60 x 4	17	12	70	£24.56	€ 27.75

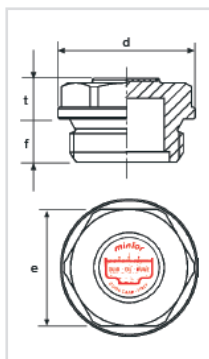
## TC/F - FILLING PLUG

- Tight-sealing, maximum resistance to twisting and overheating.
- Head milling produces a crown with greater sealing area against the crankcase.

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TYPE	CODE	GAS	d	t	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TC/FOG	1GC/F00A	1/8"	14	7	8	10	£1.77	€ 2.01
TC/F1G	1GC/F10A	1/4"	20	9,5	8	17	£1.91	€ 2.16
TC/F2G	1GC/F20A	3/8"	22	10	9	18	£2.18	€ 2.47
TC/FOG	1GC/F30A	1/2"	28	10,5	11	22	£2.88	€ 3.25
TC/F4G	1GC/F40A	3/4"	32	10,5	12	27	£4.90	€ 5.54
TC/F5G	1GC/F50A	1"	40	12	12,5	34	£6.29	€ 7.11



TYPE	CODE	MB SERIES	d	t	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TC/FOM	1MC/F00A	10x1	14	7	8	10	£1.77	€ 2.01
TC/F1M	1MC/F10A	14 x 1,5	20	8	8	17	£1.91	€ 2.16
TC/F2M	1MC/F20A	16 x 1,5	22	10	9	18	£2.18	€ 2.47
TC/FOM	1MC/F30A	18 x 1,5	26	8	9	20	£2.39	€ 2.71
TC/F4M	1MC/F40A	20 x 1,5	28	9	10	22	£2.74	€ 3.10
TC/F5M	1MC/F50A	22 x 1,5	28	10,5	11	22	£2.88	€ 3.25

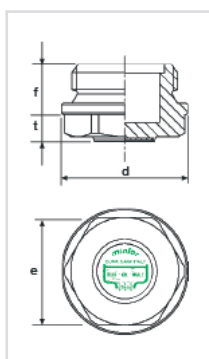
## TSC/F - DRAIN PLUG

- Tight-sealing, maximum resistance to twisting and overheating.
- Head milling produces a crown with greater sealing area against the crankcase.

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TYPE	CODE	GAS	d	t	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TSC/FOG	1GS/F00A	1/8"	14	7	8	10	£1.77	€ 2.01
TSC/F1G	1GS/F10A	1/4"	20	9,5	8	17	£1.91	€ 2.16
TSC/F2G	1GS/F20A	3/8"	22	10	9	18	£2.18	€ 2.47
TSC/FOG	1GS/F30A	1/2"	28	10,5	11	22	£2.88	€ 3.25
TSC/F4G	1GS/F40A	3/4"	32	10,5	12	27	£4.90	€ 5.54
TSC/F5G	1GS/F50A	1"	40	12	12,5	34	£6.29	€ 7.11



TYPE	CODE	MB SERIES	d	t	f	e	NETT. PRICE	
							£ STERLING	€ EUROS
TSC/FOM	1MS/F00A	10 x 1	14	7	8	10	£1.77	€ 2.01
TSC/F1M	1MS/F10A	14 x 1,5	20	8	8	17	£1.91	€ 2.16
TSC/F2M	1MS/F20A	16 x 1,5	22	10	9	18	£2.18	€ 2.47
TSC/FOM	1MS/F30A	18 x 1,5	26	8	9	20	£2.39	€ 2.71
TSC/F4M	1MS/F40A	20 x 1,5	28	9	10	22	£2.74	€ 3.10
TSC/F5M	1MS/F50A	22 x 1,5	28	10,5	11	22	£2.88	€ 3.25



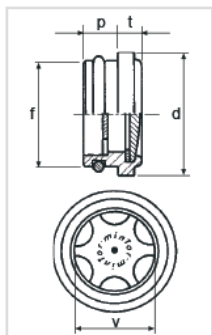
# VISUAL LEVEL INDICATORS

## TLP - VISUAL LEVEL INDICATOR NON-THREADED

- Transparent inspection window unaffected by high or low temperatures.

- Avoid contact with alcohol and solvents.
- O-ring for pressure assembly.

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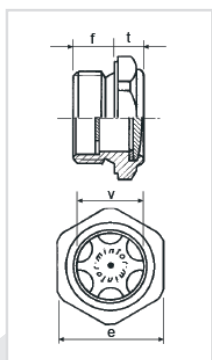
TYPE	CODE	O - R	p	t	d	Øf mm	V	NETT. PRICE	
								£ STERLING	€ EUROS
TLP0	1PTP000A	OR 115	9	5	20	17	11	£4.32	€ 4.88
TLP1	1PTP010A	OR 119	9	6	24	20	13	£4.64	€ 5.24
TLP2	1PTP020A	OR 128	9	8	30	26	16	£5.71	€ 6.45
TLP3	1PTP030A	OR 3100	10	8	34	30	21	£6.77	€ 7.65
TLP4	1PTP040A	OR 3118	10	8	38	35	27	£9.10	€ 10.29
TLP5	1PTP050A	OR 3131	10	8	42	38	27	£10.05	€ 11.35

## TLA - VISUAL LEVEL INDICATOR

- 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.

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TYPE	CODE	GAS	d	t	v	e	NETT. PRICE	
							£ STERLING	€ EUROS
TLA1G	1GTLN10A	1/4"	8	7	10	17	£3.45	€ 3.90
TLA2G	1GTLA20A	3/8"	9	7	13	22	£3.70	€ 4.18
TLA3G	1GTLA30A	1/2"	10	9	16	27	£4.14	€ 4.67
TLA4G	1GTLA40A	3/4"	11	9	21	32	£4.90	€ 5.54
TLA5G	1GTLA50A	1"	14	10	27	40	£6.97	€ 7.88
TLA6G	1GTLA60A	1 1/4	15	10	37	50	£13.89	€ 15.70
TLA7G	1GTLA70A	1 1/2	15	10	40	55	£16.22	€ 18.33
TLA8G	1GTLA80A	2"	17	14	50	70	£31.09	€ 35.13

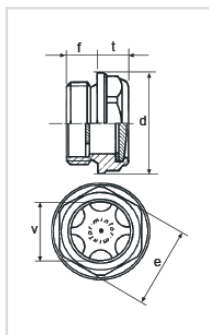
TYPE	CODE	MB SERIES	d	t	v	e	NETT. PRICE	
							£ STERLING	€ EUROS
TLA1M	1MTLN10A	14 x 1,5	8	7	10	17	£3.27	€ 3.69
TLA2M	1MTLA20A	16 x 1,5	9	7	13	22	£3.48	€ 3.93
TLA3M	1MTLA30A	18 x 1,5	9	7	13	22	£3.59	€ 4.06
TLA4M	1MTLA40A	20 x 1,5	10	7	16	24	£3.77	€ 4.26
TLA5M	1MTLA50A	22 x 1,5	10	9	16	27	£3.91	€ 4.41
TLA6M	1MTLA60A	24 x 1,5	11	9	16	30	£5.83	€ 6.59
TLA7M	1MTLA70A	24 x 2	11	9	16	30	£6.18	€ 6.99
TLA8M	1MTLA80A	25 x 1,5	11	9	21	32	£6.18	€ 6.99
TLA9M	1MTLA90A	27 x 1,5	11	9	21	32	£6.52	€ 7.37
TLA10M	1MTLA91A	30 x 1,5	11	9	21	36	£6.79	€ 7.68
TLA11M	1MTLA92A	30 x 2	11	9	21	36	£6.79	€ 7.68
TLA12M	1MTLA93A	33 x 1,5	14	10	27	40	£6.97	€ 7.88
TLA13M	1MTLA94A	33 x 2	14	10	27	40	£6.97	€ 7.88
TLA14M	1MTLA95A	35 x 1,5	14	10	27	40	£10.92	€ 12.34
TLA15M	1MTLA96A	40 x 1,5	12	10	37	50	£13.49	€ 15.25
TLA16M	1MTLA97A	42 x 3	15	10	37	50	£13.89	€ 15.70
TLA17M	1MTLA98A	48 x 3	15	10	40	55	£16.22	€ 18.33
TLA18M	1MTLA99A	60 x 2	17	14	50	70	£31.09	€ 35.13
TLA19M	1MTLA999	60 x 4	17	14	50	70	£31.09	€ 35.13

## TLA/F - VISUAL LEVEL INDICATOR WITH MILLED HEAD

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- 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	£3.82	€ 4.32
TLA/F2G	1GL/F20A	1/2"	16	22	10	9	28	£4.39	€ 4.96
TLA/F3G	1GL/F30A	3/4"	21	27	12	11	32	£5.24	€ 5.92
TLA/F4G	1GL/F40A	1"	27	34	12,5	12	40	£7.35	€ 8.31
TLA/F5G	1GL/F50A	1 1/4"	37	46	15	12	50	£14.46	€ 16.34

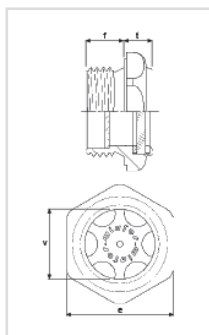
TYPE	CODE	GAS	v	e	f	t	d	NETT. PRICE	
								£ STERLING	€ EUROS
TLA/F1 M	1ML/F10A	16 x 1,5	10	18	9	9	22	£3.82	€ 4.32
TLA/F2M	1ML/F20A	18 x 1,5	13	20	9	9	26	£4.00	€ 4.52
TLA/F3M	1ML/F30A	20 x 1,5	16	22	10	9	28	£4.26	€ 4.82
TLA/F4M	1ML/F40A	22 x 1,5	16	22	10	9	28	£4.39	€ 4.96

## TLAX - VISUAL LEVEL INDICATOR WITH GLASS

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- 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.



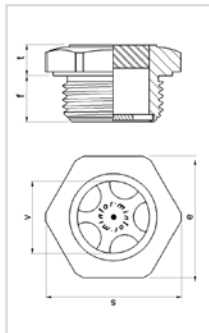
TYPE	CODE	GAS	f	t	v	e	NETT. PRICE	
							£ STERLING	€ EUROS
TLAX1G	1GTLX10A	1/4"	8	9	10	17	£6.90	€ 7.80
TLAX2G	1GTLX20A	3/8"	9	10	13	22	£7.57	€ 8.55
TLAX3G	1GTLX30A	1/2"	10	9	16	27	£9.77	€ 11.03
TLAX4G	1GTLX40A	3/4"	11	9	21	32	£12.02	€ 13.59
TLAX5G	1GTLX50A	1"	14	10	27	40	£15.31	€ 17.30
TLAX6G	1GTLX60A	1 1/4"	15	10	37	50	£24.69	€ 27.89
TLAX7G	1GTLX70A	1 1/2"	15	10	40	55	£25.74	€ 29.08
TLAX8G	1GTLX80A	2"	17	14	50	70	£25.74	€ 29.08

TYPE	CODE	MB SERIES	f	t	v	e	NETT. PRICE	
							£ STERLING	€ EUROS
TLAX1M	1MTLX10A	14 x 1,5	8	9	10	17	£6.90	€ 7.80
TLAX2M	1MTLX20A	16 x 1,5	9	10	13	22	£7.57	€ 8.55
TLAX3M	1MTLX30A	18 x 1,5	9	10	13	22	£9.10	€ 10.29
TLAX4M	1MTLX40A	20 x 1,5	10	10	16	24	£9.63	€ 10.88
TLAX5M	1MTLX50A	22 x 1,5	10	9	16	27	£9.77	€ 11.03
TLAX6M	1MTLX60A	27 x 1,5	11	9	21	32	£13.94	€ 15.76
TLAX7M	1MTLX70A	33 x 1,5	14	10	27	40	£17.19	€ 19.42
TLAX8M	1MTLX80A	33 x 2	14	10	27	40	£17.19	€ 19.42
TLAX9M	1MTLX90A	35 x 1,5	14	10	27	40	£19.52	€ 22.06
TLAX10M	1MTLX91A	40 x 1,5	12	10	37	50	£26.88	€ 30.37
TLAX11 M	1MTLX92A	42 x 3	15	10	37	50	£28.44	€ 32.14

## TLA XP - VISUAL LEVEL INDICATOR IN STEEL WITH GLASS FOR HIGH PRESSURE

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TECH. DATA SHEET

**MA01**


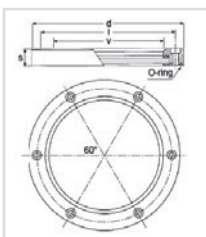
- Body made in nichel-plated steel and transparent inspection window in glass.  
Suitable for high pressures max 30 bar.
- Suitable for high and low temperatures from -30°C till +250°C max.
- Application: Compressors, Construction Machinery and Earth Moving

TYPE	CODE	GAS	f	t	v	e	S	NETT. PRICE	
								£ STERLING	€ EUROS
TLAXP3G	1GTLXP3A	1/2"	9	9,5	14	27	30,2	£16.58	€ 18.73
TLAXP4G	1GTLXP4A	3/4"	12,5	8	19	32	35,7	£19.11	€ 21.59

## OBLÒ - INSPECTION PORTHOLE OR LIQUID-LEVEL Ø 100

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**MA01**


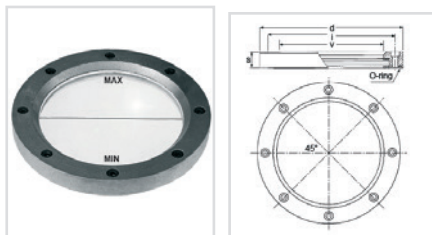
- Made of aluminium light alloy with tempered glass; supplied complete with gum washers, anchor screws and O-ring
- For the tightening to build a central hole of 100 mm and 6 threaded holes M6 arranged 60° on a diameter with inter-axis of 130 mm.
- The thickness of the reservoir must not be less than 5 mm.

TYPE	CODE	v	d	i	s	NETT. PRICE	
						£ STERLING	€ EUROS
OBLÒ	10BL030A	Ø 100	Ø 150	Ø 130	19,5	£51.59	€ 58.29

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## OBLÒ - INSPECTION PORTHOLE OR LIQUID-LEVEL Ø 148

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- Made of aluminium light alloy with tempered glass; supplied complete with gum washers, anchor screws and O-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
OBLÒ	10BL040A	Ø 148	Ø 202	Ø 180	21,5	£70.31	€ 79.45

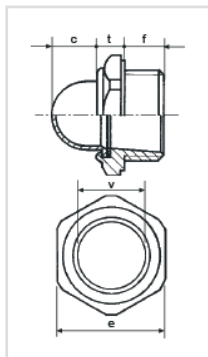
## IFC - DOME-SHAPED LEVEL GAUGE

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- 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	£3.76	€ 4.25
IFC1G	1GIFC10A	1/2"	10	9,5	16	27	9	£4.14	€ 4.67
IFC2G	1GIFC20A	3/4"	11	10	19	32	13	£4.90	€ 5.54
IFCOG	1GIFC30A	1"	14	10	25	40	17	£6.97	€ 7.88
IFC4G	1GIFC40A	1 1/4"	15	10,5	33	50	23	£15.53	€ 17.55
IFCOG	1GIFC50A	1 1/2"	15	10,5	36	55	24	£18.12	€ 20.48
IFCOG	1GIFC60A	2"	17	14	42	70	28	£31.09	€ 35.13



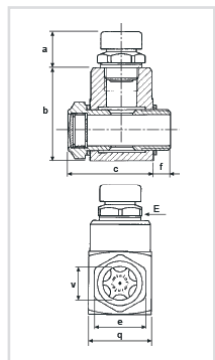
TYPE	CODE	MB SERIES	f	t	v	e	c	NETT. PRICE	
								£ STERLING	€ EUROS
IFCOM	1MIFC00A	16 x 1,5	8	6	16	24	9	£3.76	€ 4.25
IFCOM	1MIFC01A	18 x 1,5	8	6	16	24	9	£3.76	€ 4.25
IFC1M	1MIFC10A	20 x 1,5	10	8	16	24	9	£4.90	€ 5.54
IFC2M	1MIFC20A	22 x 1,5	10	9,5	16	27	9	£4.14	€ 4.67
IFC3M	1MIFC30A	24 x 1,5	11	9,5	14	30	9	£6.18	€ 6.99
IFC4M	1MIFC40A	25 x 1,5	11	10	18	32	13	£6.18	€ 6.99
IFC5M	1MIFC50A	27 x 1,5	11	10	18	32	13	£7.68	€ 8.67
IFC6M	1MIFC60A	30 x 1,5	11	11	23	36	15	£8.00	€ 9.04
IFC7M	1MIFC70A	33 x 1,5	14	10,5	25	40	17	£8.20	€ 9.27
IFC8M	1MIFC80A	35 x 1,5	14	10,5	23	40	17	£10.92	€ 12.34
IFC9M	1MIFC90A	40 x 1,5	15	10,5	33	50	23	£15.89	€ 17.95
IFC10M	1MIFC95A	45 x 1,5	15	10,5	36	55	24	£17.77	€ 20.08
IFC11M	1MIFC99A	52 x 1,5	17	14	42	60	28	£31.09	€ 35.13

## GTSF - LEVEL INDICATOR UNIT WITH BREATHER PLUG

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• 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	1GGSF10M	3/8"	16	27	30	20	46	43	11	22	£30.83	€ 34.84
GTSF2G	1GGSF20M	1/2"	16	27	30	21	46	43	11	22	£32.06	€ 36.22
GTSF3G	1GGSF30M	3/4"	21	32	40	22	60	52	11	27	£39.69	€ 44.85
GTSF4G	1GGSF40M	1"	27	40	40	26	60	55	16	32	£45.76	€ 51.71

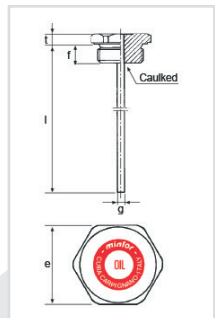
TYPE	CODE	MB SERIES	v	e	q	a	b	c	f	E	NETT. PRICE	
											£ STERLING	€ EUROS
GTSF1M	1MGSF10M	16 x 1,5	16	27	30	20	46	43	11	22	£30.83	€ 34.84
GTSF2M	1MGSF20M	18 x 1,5	16	27	30	21	46	43	11	22	£31.16	€ 35.22
GTSF3M	1MGSF30M	20 x 1,5	16	27	30	21	46	43	11	22	£31.59	€ 35.70
GTSF4M	1MGSF40M	22 x 1,5	16	27	30	21	46	43	11	22	£32.06	€ 36.22
GTSF5M	1MGSF50M	24 x 2	16	30	40	22	60	52	11	27	£42.41	€ 47.92
GTSF6M	1MGSF60M	30 x 2	21	36	40	26	60	52	14	27	£45.01	€ 50.87
GTSF7M	1MGSF70A	33 x 2	27	40	40	26	60	55	16	32	£45.76	€ 51.71

## TCLA - FILLING PLUG WITH DIPSTICK

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• Hex-head threaded plug with 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	£4.06	€ 4.59
TCLA2G	1GCLA20A	3/8"	8,5	10	170	5	22	£4.48	€ 5.07
TCLA3G	1GCLA30A	1/2"	8,5	10	170	5	27	£5.26	€ 5.94
TCLA4G	1GCLA40A	3/4"	9,5	12	200	5	32	£7.68	€ 8.67
TCLA5G	1GCLA50A	1"	9,5	14	200	5	40	£9.96	€ 11.26
TCLA6G	1GCLA60A	1" 1/4	10	15	250	5	50	£14.48	€ 16.36
TCLA7G	1GCLA70A	1" 1/2	10	15	250	5	55	£17.49	€ 19.77
TCLA8G	1GCLA80A	2"	12	17	250	5	70	£30.33	€ 34.28

TYPE	CODE	MB SERIES	t	f	l	g	e	NETT. PRICE	
								£ STERLING	€ EUROS
TCLA1M	1MCLA10A	14 x 1,5	6	8	120	5	17	£4.06	€ 4.59
TCLA2M	1MCLA20A	16 x 1,5	7	10	170	5	22	£4.48	€ 5.07
TCLA3M	1MCLA30A	18 x 1,5	7	10	170	5	22	£4.87	€ 5.51
TCLA4M	1MCLA40A	20 x 1,5	7	10	170	5	24	£5.02	€ 5.67
TCLA5M	1MCLA50A	22 x 1,5	7	10	170	5	27	£5.26	€ 5.94
TCLA6M	1MCLA60A	24 x 2	8	12	200	5	30	£7.71	€ 8.71
TCLA7M	1MCLA70A	30 x 2	8	12	200	5	36	£10.08	€ 11.39
TCLA8M	1MCLA80A	33 x 2	8	14	200	5	40	£10.51	€ 11.88
TCLA9M	1MCLA90A	42 x 3	10	15	250	5	50	£14.48	€ 16.36
TCLA10M	1MCLA95A	48 x 3	10	15	250	5	55	£18.42	€ 20.81
TCLA11M	1MCLA99A	60 x 4	12	17	250	5	70	£31.92	€ 36.07

## TCLA/Z - FILLING PLUG WITH DIPSTICK

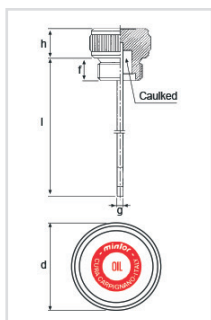
- Threaded plug with knurled round head for hand-tightening.
- Built-in dipstick.

- Available on request with various min. and max. notches and lengths.

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TYPE	CODE	GAS	h	f	l	g	d	PRICE	
								£ STERLING	€ EUROS
TCLA/Z1G	1GLAZ10A	1/4"	12	8	120	5	22	£4.14	€ 4.67
TCLA/Z2G	1GLAZ20A	3/8"	13,5	10	170	5	26	£4.60	€ 5.20
TCLA/Z3G	1GLAZ30A	1/2"	16,5	10	170	5	30	£5.37	€ 6.06
TCLA/Z4G	1GLAZ40A	3/4"	20	12	200	5	40	£7.74	€ 8.74
TCLA/Z5G	1GLAZ50A	1"	21,5	14	200	5	45	£10.61	€ 11.98
TCLA/Z6G	1GLAZ60A	1" 1/4	20	15	250	5	55	£14.56	€ 16.46
TCLA/Z7G	1GLAZ70A	1" 1/2	20	15	250	5	55	£17.85	€ 20.17
TCLA/Z8G	1GLAZ80A	2"	20	17	250	5	70	£32.20	€ 36.39



TYPE	CODE	MB SERIES	h	f	l	g	d	PRICE	
								£ STERLING	€ EUROS
TCLA/Z1M	1MLAZ10A	14 x 1,5	12	8	120	5	22	£4.14	€ 4.67
TCLA/Z2M	1MLAZ20A	16 x 1,5	12	10	170	5	26	£4.60	€ 5.20
TCLA/Z3M	1MLAZ30A	18 x 1,5	12	10	170	5	26	£4.80	€ 5.42
TCLA/Z4M	1MLAZ40A	20 x 1,5	15	10	170	5	30	£5.22	€ 5.90
TCLA/Z5M	1MLAZ50A	22 x 1,5	15	10	170	5	30	£5.37	€ 6.06
TCLA/Z6M	1MLAZ60A	24 x 2	15	12	200	5	36	£8.03	€ 9.08
TCLA/Z7M	1MLAZ70A	30 x 2	20	12	200	5	42	£10.30	€ 11.64
TCLA/Z8M	1MLAZ80A	33 x 2	20	14	200	5	45	£10.61	€ 11.98

## TCLS/Z - FILLING PLUG WITH DIPSTICK AND BREATHER

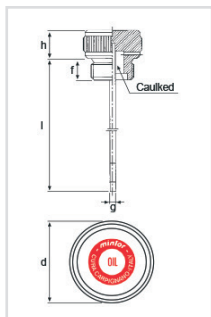
- Threaded plug with knurled round head for hand-tightening.
- Hole for venting internal pressure.
- Built-in dipstick.

- Available in various max. and min. notches and lengths on request.
- For applications requiring extratight sealing, type LSF is recommended.

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TYPE	CODE	GAS	h	f	l	g	d	NETT. PRICE	
								£ STERLING	€ EUROS
TCLS/Z1G	1GLSZ10A	1/4"	12	8	120	5	22	£4.48	€ 5.07
TCLS/Z2G	1GLSZ20A	3/8"	13,5	10	170	5	26	£4.92	€ 5.56
TCLS/Z3G	1GLSZ30A	1/2"	16,5	10	170	5	30	£5.80	€ 6.55
TCLS/Z4G	1GLSZ40A	3/4"	20	12	200	5	40	£8.16	€ 9.22
TCLS/Z5G	1GLSZ50A	1"	21,5	14	200	5	45	£11.08	€ 12.52
TCLS/Z6G	1GLSZ60A	1" 1/4	20	15	250	5	55	£15.03	€ 16.98
TCLS/Z7G	1GLSZ70A	1" 1/2	20	15	250	5	55	£18.34	€ 20.73
TCLS/Z8G	1GLSZ80A	2"	20	17	250	5	70	£32.54	€ 36.77



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	£4.48	€ 5.07
TCLS/Z2M	1MLSZ20A	16 x 1,5	12	10	170	5	26	£4.92	€ 5.56
TCLS/Z3M	1MLSZ30A	18 x 1,5	12	10	170	5	26	£5.22	€ 5.90
TCLS/Z4M	1MLSZ40A	20 x 1,5	15	10	170	5	30	£5.66	€ 6.40
TCLS/Z5M	1MLSZ50A	22 x 1,5	15	10	170	5	30	£5.80	€ 6.55
TCLS/Z6M	1MLSZ60A	24 x 2	15	12	200	5	36	£8.53	€ 9.63
TCLS/Z7M	1MLSZ70A	30 x 2	20	12	200	5	42	£10.74	€ 12.14
TCLS/Z8M	1MLSZ80A	33 x 2	21,5	14	200	5	45	£11.08	€ 12.52



## TCLS - FILLING PLUG WITH DIPSTICK AND BREATHER HOLE

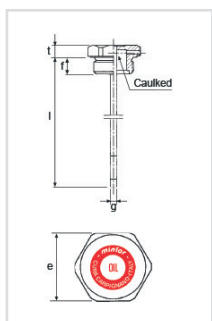
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- Threaded plug with hex head and breather hole for venting internal pressure.
- Built-in dipstick.

- Available with various min. and max. notches and lengths.
- For applications requiring extra-tight sealing, type LSF is recommended.



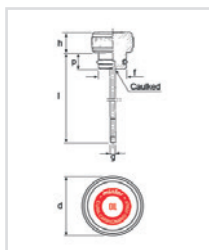
TYPE	CODE	GAS	t	f	l	g	e	NETT. PRICE	
								£ STERLING	€ EUROS
TCLS1G	1GCSL10A		6	8	120	5	17	£4.32	€ 4.88
TCLS2G	1GCSL20A	3/8"	8	10	170	5	22	£4.76	€ 5.37
TCLS3G	1GCSL30A	1/2"	9	10	170	5	27	£5.52	€ 6.24
TCLS4G	1GCSL40A	3/4"	9	12	200	5	32	£7.92	€ 8.95
TCLS5G	1GCSL50A	1"	12	14	200	5	40	£10.78	€ 12.19
TCLS6G	1GCSL60A	1" 1/4	14	15	250	5	50	£14.72	€ 16.63
TCLS7G	1GCSL70A	1" 1/2	14	15	250	5	55	£18.73	€ 21.17
TCLS8G	1GCSL80A	2"	14	17	250	5	70	£32.25	€ 36.44



TYPE	CODE	MB SERIES	t	f	l	g	e	NETT. PRICE	
								£ STERLING	€ EUROS
TCLS1M	1MCSL10A	14 x 1,5	6	8	120	5	17	£4.32	€ 4.88
TCLS2M	1MCSL20A	16 x 1,5	8	10	170	5	22	£4.76	€ 5.37
TCLS3M	1MCSL30A	18 x 1,5	8	10	170	5	22	£5.02	€ 5.67
TC LS4M	1MCSL40A	20 x 1,5	9	10	170	5	24	£5.24	€ 5.92
TCLS5M	1MCSL50A	22 x 1,5	9	10	170	5	27	£5.52	€ 6.24
TCLS6M	1MCSL60A	24 x 2	9	12	200	5	30	£7.98	€ 9.02
TCLS7M	1MCSL70A	30 x 2	10	12	200	5	36	£10.36	€ 11.71
TCLS8M	1MCSL80A	33 x 2	12	14	200	5	40	£10.78	€ 12.19
TCLS9M	1MCSL90A	42 x 3	14	15	250	5	50	£14.72	€ 16.63
TCLS10M	1MCSL95A	48 x 3	14	15	250	5	55	£18.73	€ 21.17
TCLS11M	1MCSL99A	60 x 4	14	17	250	5	70	£32.25	€ 36.44

## ILA - LEVEL INDICATOR

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- O-ring version for smooth holes.
- Knurled round head.
- Built-in dipstick.
- Also available with different min. and max. notches and lengths.

TYPE	CODE	O - R	h	p	l	Øf mm	g	d	NETT. PRICE	
									£ STERLING	€ EUROS
ILAO	1PILAO0A	OR 108	12	20	120	12	5	21	£8.06	€ 9.11
ILA1	1PILA10A	OR 115	12	9	170	17	5	25	£7.46	€ 8.42
ILA2	1PILA20A	OR 119	15	9	170	20	5	30	£8.12	€ 9.17
ILA3	1PILA30A	OR 3081	15	11	170	25	5	32	£8.90	€ 10.06
ILA4	1PILA40A	OR 3100	18	14	200	30	5	36	£10.87	€ 12.28
ILA5	1PILA50A	OR 4112	18	14	200	35	5	40	£13.03	€ 14.72

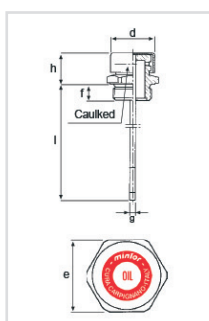
## ILAF - LEVEL INDICATOR WITH BREATHER

- 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.

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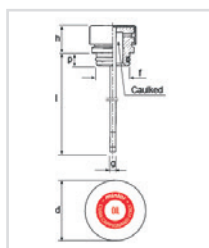
TYPE	CODE	GAS	d	h	f	l	g	e	NETT. PRICE	
									£ STERLING	€ EUROS
ILAF0G	1GIFA00A	1/4"	16,5	17	8	120	5	17	£7.56	€ 8.54
ILAF1G	1GIFA10A	3/8"	22	20	9	170	5	22	£7.56	€ 8.54
ILAF2G	1GIFA20A	1/2"	26	22	10	170	5	27	£8.05	€ 9.10
ILAF0G	1GIFA30A	3/4"	30	24	12	200	5	32	£9.88	€ 11.16
ILAF4G	1GIFA40A	1"	38	29	14	200	5	40	£13.85	€ 15.65
ILAF0G	1GIFA50A	1" 1/4	50	33	15	250	5	50	£22.04	€ 24.90
ILAF0G	1GIFA60A	1" 1/2	55	33	15	250	5	55	£25.99	€ 29.37
ILAF7G	1GIFA70A	2"	70	40	17	250	5	70	£50.98	€ 57.60



TYPE	CODE	MB SERIES	d	h	f	l	g	e	NETT. PRICE	
									£ STERLING	€ EUROS
ILAF0M	1M1FA00A	14 x 1,5	16,5	17	8	120	5	17	£7.56	€ 8.54
ILAF1M	1M1FA10A	16 x 1,5	22	20	9	170	5	22	£7.56	€ 8.54
ILAF2M	1M1FA20A	18 x 1,5	22	20	10	170	5	22	£7.71	€ 8.71
ILAF0M	1M1FA30A	20 x 1,5	24	21	10	170	5	24	£7.88	€ 8.90
ILAF4M	1M1FA40A	22 x 1,5	26	22	10	170	5	27	£8.05	€ 9.10
ILAF0M	1M1FA50A	24 x 2	30	24	12	200	5	30	£9.83	€ 11.11
ILAF6M	1M1FA60A	30 x 2	30	25	12	200	5	36	£13.49	€ 15.25
ILAF7M	1M1FA70A	33 x 2	38	29	14	200	5	40	£13.85	€ 15.65
ILAF8M	1M1FA80A	42 x 3	50	33	15	250	5	50	£22.04	€ 24.90
ILAF9M	1M1FA90A	48 x 3	55	33	15	250	5	55	£25.99	€ 29.37
ILAF10M	1M1FA95A	60 x 4	70	40	17	250	5	70	£50.98	€ 57.60

## ILAS - LEVEL INDICATOR WITH BREATHER

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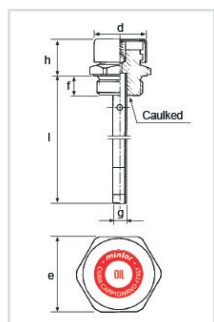
- O-ring version for smooth holes.
- Large chamber with cut perpendicular to the axis protected by its cover of galvanized steel that keeps out foreign bodies and vents internal pressure.
- Built-in dipstick.
- Also available in various min. and max. notches and lengths.

TYPE	CODE	O - R	h	p	l	Øf <sup>mm</sup>	g	d	NETT. PRICE	
									£ STERLING	€ EUROS
ILAS1	1 PISA10A	OR 115	18	9	170	17	5	22	£8.03	€ 9.08
ILAS2	1 PISA20A	OR 119	19	9	170	20	5	26	£8.38	€ 9.47
ILAS3	1 PISA30A	OR 3081	21	11	170	25	5	30	£10.05	€ 11.35
ILAS4	1 PISA40A	OR 3100	26	14	200	30	5	38	£14.09	€ 15.92
ILAS5	1 PISA50A	OR 4112	30	14	200	35	5	50	£22.42	€ 25.33

## LSF - LEVEL INDICATOR WITH BREATHER

- 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.

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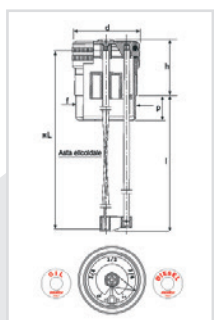
TYPE	CODE	GAS	d	h	f	l	g	e	NETT. PRICE	
									£ STERLING	€ EUROS
LSF1G	1GLSF10A	1/4"	16,5	17,5	9	170	8	17	£10.02	€ 11.32
LSF2G	1GLSF20A	3/8"	22	19	11	170	10	22	£11.07	€ 12.51
LSF3G	1GLSF30A	1/2"	26	20	11	170	10	27	£11.96	€ 13.51
LSF4G	1GLSF40A	3/4"	30	24	12	200	10	32	£14.36	€ 16.23
LSF5G	1GLSF50A	1"	38	29	14	200	10	40	£19.36	€ 21.88

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	£10.02	€ 11.32
LSF2M	1MLSF20A	16 x 1,5	22	19	11	170	10	22	£11.07	€ 12.51
LSF3M	1MLSF30A	18 x 1,5	22	19	11	170	10	22	£11.34	€ 12.81
LSF4M	1MLSF40A	20 x 1,5	24	20	11	170	10	24	£11.76	€ 13.29
LSF5M	1MLSF50A	22 x 1,5	26	20	11	170	10	27	£11.96	€ 13.51
LSF6M	1MLSF60A	24 x 2	30	24	12	170	10	30	£13.95	€ 15.77
LSF7M	1MLSF70A	30 x 2	30	25	14	200	10	36	£18.89	€ 21.35
LSF8M	1MLSF80A	33 x 2	38	29	14	200	10	40	£19.36	€ 21.88

## TRBF/LG - VISUAL LEVEL INDICATOR WITH FLOAT SYSTEM

- 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.

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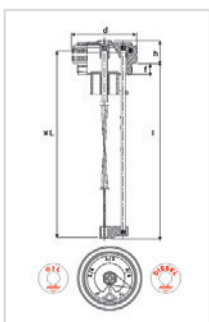
TYPE	OIL CODE	DIESEL CODE	GAS	L	d	h	p	l	f	NETT. PRICE	
										£ STERLING	€ EUROS
TRBF/LG	1G1LGBS301	1LGBS305	2"	200	65	56	24	160	57	£54.21	€ 61.26
TRBF/LG	2G1LGBS302	1LGBS306	2"	300	65	56	24	260	57	£55.11	€ 62.28
TRBF/LG	3G1LGBS303	1LGBS307	2"	350	65	56	24	310	57	£55.53	€ 62.75
TRBF/LG	4G1LGBS304	1LGBS308	2"	400	65	56	24	360	57	£56.10	€ 63.39

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	£54.21	€ 61.26
TRBF/LG2M	1LGBS402	1LGBS406	60 X 2	300	65	56	24	260	57	£55.11	€ 62.28
TRBF/LG3M	1LGBS403	1LGBS407	60 X 2	350	65	56	24	310	57	£55.53	€ 62.75
TRBF/LG4M	1LGBS404	1LGBS408	60 X 2	400	65	56	24	360	57	£56.10	€ 63.39

## TC/ZLG - VISUAL LEVEL INDICATOR WITH FLOAT SYSTEM

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- 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 O-ring.
- Temperature during use 80°C max.
- By request with breather.
- Avoid contacts with alcohol and solvents.

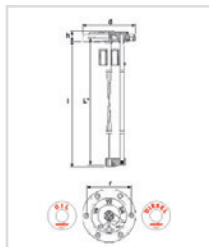


TYPE	OIL CODE	DIESEL CODE	GAS	L	d	h	f	l	NETT. PRICE	
									£ STERLING	€ EUROS
TC/ZLG1G	1LGMT304	1LGMT300	2"	200	70	25	12	192	£49.02	€ 55.40
TC/ZLG2G	1LGMT305	1LGMT301	2"	300	70	25	12	292	£49.88	€ 56.36
TC/ZLG3G	1LGMT306	1LGMT302	2"	350	70	25	12	342	£50.32	€ 56.86
TC/ZLG4G	1LGMT307	1LGMT303	2"	400	70	25	12	392	£50.79	€ 57.39

TYPE	OIL CODE	DIESEL CODE	METRRIC	L	d	h	p	l	NETT. PRICE	
									£ STERLING	€ EUROS
TC/ZLG1M	1LGMT404	1LGMT400	60 X 2	200	70	25	12	192	£49.02	€ 55.40
TC/ZLG2M	1LGMT405	1LGMT401	60 X 2	300	70	25	12	292	£49.88	€ 56.36
TC/ZLG3M	1LGMT406	1LGMT402	60 X 2	350	70	25	12	342	£50.32	€ 56.86
TC/ZLG4M	1LGMT407	1LGMT403	60 X 2	400	70	25	12	392	£50.79	€ 57.39

## LGF68 - FLANGED LEVEL INDICATOR WITH FLOAT SYSTEM

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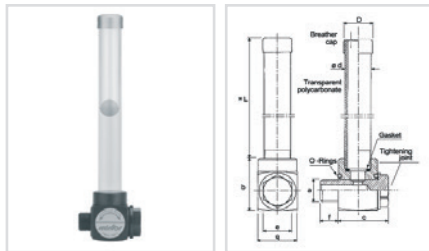
- Composed of aluminium light alloy flanged cover with orientable dial.
- Applicable to holes 50 to 54 mm.
- Complete with float system, it allows an exact and constant indication of the level of fluid inside the tank.
- Supplied with O-ring and alien screw M4 for the fixing.
- Especially designed for 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	£58.55	€ 66.16
LGF682	1LGF6802	1LGF6807	250	80	16	253	68	£59.07	€ 66.75
LGF683	1LGF6803	1LGF6808	300	80	16	303	68	£59.55	€ 67.29
LGF684	1LGF6804	1LGF6809	350	80	16	353	68	£60.15	€ 67.97
LGF685	1LGF6805	1LGF6810	400	80	16	403	68	£60.75	€ 68.65

\* variable data on customer's request (max. 200 mm)

## LGF68 - FLANGED LEVEL INDICATOR WITH FLOAT SYSTEM

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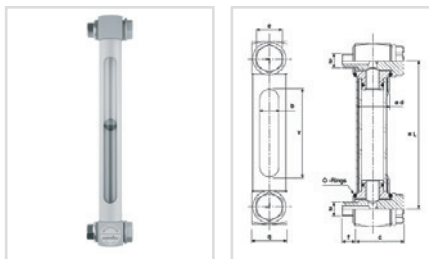


- Composed of aluminium light alloy flanged cover with orientable dial.
- Applicable to holes 50 to 54 mm.
- Complete with float system, it allows an exact and constant indication of the level of fluid inside the tank.
- Supplied with O-ring and alien screw M4 for the fixing.
- Especially designed for 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	£28.56	€ 32.27
GLVS2G	1GLVS20A	3/8"	100	40	22	30	22	20	43	10	£29.66	€ 33.52
GLVS3G	1GLVS30A	3/8"	150	40	22	30	22	20	43	10	£31.14	€ 35.19
GLVS4G	1GLVS40A	3/8"	200	40	22	30	22	20	43	10	£32.67	€ 36.91

## GLVX - VERTICAL LEVEL INDICATOR WITH DOUBLE THREAD, WITH PYREX GLASS AND PROTECTION

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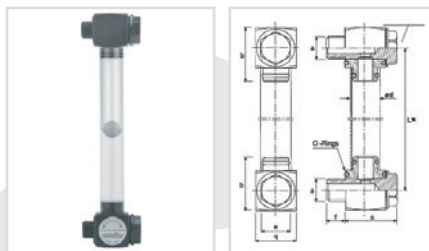


- Vertical level indicator with double thread to control fluid level.
- Realized with aluminium light alloy little blocks, transparent tube made in pyrex glass and Viton O-Rings.
- Suitable for low and high temperatures - 20°C + 200°C max.
- Supplied complete with protection.

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	£68.82	€ 77.76
GLVX2G	1GLVX20A	3/8"	254	22	30	28	43	10	202	16	£84.25	€ 95.20
GLVX1M	1MLVX10A	10x1,5	127	22	30	28	43	10	75	16	£68.82	€ 77.76
GLVX2M	1MLVX20A	10x1,5	254	22	30	28	43	10	202	16	£84.25	€ 95.20
GLVX3M	1MLVX30A	12x1,75	127	22	30	28	43	10	75	16	£68.82	€ 77.76
GLVX4M	1MLVX40A	12x1,75	254	22	30	28	43	10	202	16	£84.25	€ 95.20

## GLV - VERTICAL LEVEL INDICATOR WITH DOUBLE THREAD

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**MA01**

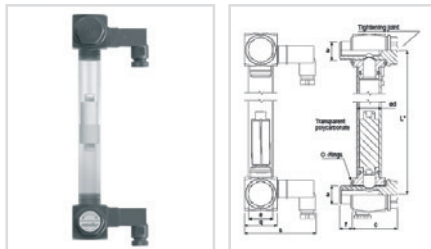


- Vertical level indicator with double thread to control fluid level.
- Realized with black anodized aluminium light alloy little blocks and transparent tube; available completed with O-Rings.
- Avoid contact with petrol, benzine, alcohol, petroleum, toluol and glycol.

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	£58.01	€ 65.55
GLV2G	1GGLV20A	3/8"	1000	40	22	30	22	43	10	£68.67	€ 77.60
GLV3G	1GGLV30A	3/8"	1500	40	22	30	22	43	10	£81.68	€ 92.30
GLV4G	1GGLV40A	3/8"	2000	40	22	30	22	43	10	£94.69	€ 107.00

## GLVE - VERTICAL LEVEL INDICATOR WITH DOUBLE ELECTRICAL CONTACT

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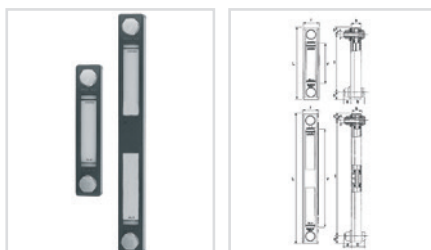


- Used for the control of the fluid for tanks.
- The electrical sensor indicates the attainment of the MIN and MAX level of the fluid. The contacts are normally opened, they close to the attainment of the MIN or MAX level.
- Available with length variable, on request of customer, from a minimum of 200 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	£105.99	€ 119.77
GLVE2G	1GLVE20A	3/8"	1000	22	30	22	43	10	65	£119.08	€ 134.56
GLVE3G	1GLVE30A	3/8"	1500	22	30	22	43	10	65	£128.13	€ 144.79
GLVE4G	1GLVE40A	3/8"	2000	22	30	22	43	10	65	£138.55	€ 156.56

## PL - VERTICAL LEVEL INDICATOR

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**MA01**

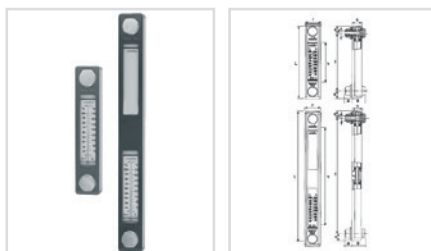


- Used for checking fluid level in large tanks.
- Complete with seals, screws and anchor nuts.
- Easy to assemble, it gives a tolerance of 0,5 mm along the interhole axis, maintaining a perfect seal.
- Avoid contact with alcohol, toluol and glycol.

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	£20.21	€ 22.84
PL2	1VPLV20A	160	34	88	16,5	127	M 12	21,5	16	29	£23.91	€ 27.02
PL3	1VPLV30A	287	34	215	16,5	254	M 12	21,5	16	29	£41.87	€ 47.32

## PLT - VERTICAL LEVEL INDICATOR WITH THERMOMETER

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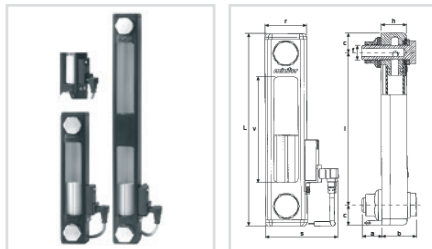
- Used for checking fluid level in large tanks.
- Complete with seals, thermometer, screws and anchor nuts.
- Easy to assemble, it gives a tolerance of 0,5 mm along the interhole axis, maintaining a perfect seal.
- Avoid contact with alcohol, toluol and glycol.

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	£23.74	€ 26.83
PLT2	1VPLT20A	160	34	88	16,5	127	M 12	21,5	16	29	£28.10	€ 31.75
PLT3	1VPLT30A	287	34	215	16,5	254	M 12	21,5	16	29	£46.11	€ 52.10



## PLE - VERTICAL LEVEL INDICATOR WITH ELECTRICAL CONTACT

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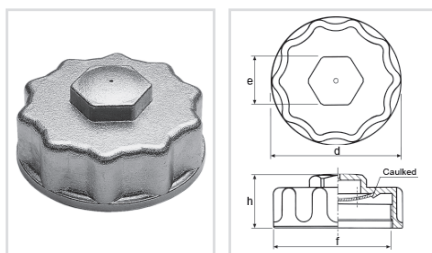
- Used for the control of the fluid for tanks.
- The electrical sensor indicates through a visual signal the attainment of the minimal level of the fluid.
- The contacts are normally opened, they close to the attainment of the minimal level.
- Supplied complete of connector and 2,5 mt cable.
- Electrical 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/dm<sup>3</sup>.
- For further information please 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	£94.97	€ 107.32
PLE3	1VPLE30A	287	34	215	16,5	254	M 12	21,5	16	29	59	£112.86	€ 127.54

## FILLING PLUGS

### TFES - FEMALE THREADED PLUG WITH BREATHER

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**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	£20.46	€ 23.12

### TFE/Z - FEMALE THREADED PLUG

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TECH. DATA SHEET  
**MA01**

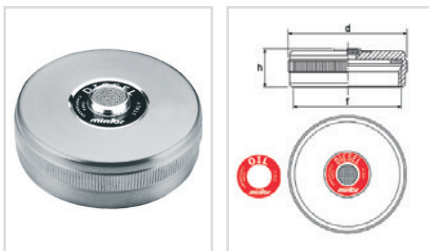


- Plug with internal thread in aluminium alloy for applications on sleeves with male thread.
- Optionally available with different wordings.

TYPE	OIL CODE	DIESEL CODE	f	d	h	NETT. PRICE	
						£ STERLING	€ EUROS
TFE/ZOG	1 WCPA002	1 WCPA003	1"	40	20	£7.94	€ 8.97
TFE/Z1G	1WCPA102	1WCPA103	1" 1/4	50	20	£11.67	€ 13.18
TFE/Z2G	1WCPA202	1WCPA203	1" 1/2	55	20	£11.67	€ 13.18
TFE/Z3G	1WCPA302	1WCPA303	2"	65	20	£12.35	€ 13.95
TFE/Z4M	1WCPA402	1WCPA403	60 x 2	65	20	£12.35	€ 13.95

## TFES/Z - FEMALE THREADED PLUG WITH BREATHER

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TECH. DATA SHEET  
**MA01**

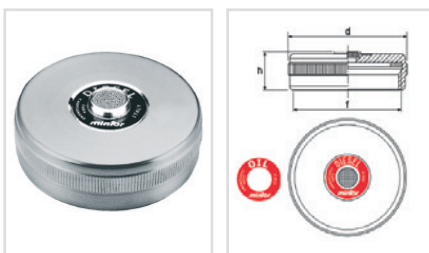


- Plug with internal thread in aluminium alloy for applications on sleeves with male thread.
- The spherical bronze filter of 40 microns built into the plug vents internal pressure and keeps out foreign bodies during the intake stroke.

TYPE	OIL CODE	DIESEL CODE	f	d	h	NETT. PRICE	
						£ STERLING	€ EUROS
TFES/ZOG	1WFSZ002	1WFSZ003	1"	40	20	£8.99	€ 10.16
TFES/Z1G	1WFSZ102	1WFSZ103	1" 1/4	50	22	£9.47	€ 10.70
TFES/Z2G	1WFSZ202	1WFSZ203	1" 1/2	55	22	£12.75	€ 14.40
TFES/ZOG	1WFSZ302	1WFSZ303	2"	65	22	£13.43	€ 15.18
TFES/Z4M	1WFSZ402	1WFSZ403	60 x 2	65	22	£13.43	€ 15.18

## TFES/ZA - PLUG WITH FEMALE THREAD, BREATHER AND DIPSTICK

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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	£14.52	€ 16.41
TFES/ZA1G	1WFZA102	1WFZA103	1" 1/4	50	20	250	5	£15.90	€ 17.96
TFES/ZA2G	1WFZA202	1WFZA203	1" 1/2	55	20	250	5	£15.90	€ 17.96
TFES/ZAOG	1WFZA302	1WFZA303	2"	65	20	250	5	£17.19	€ 19.42
TFES/ZA4M	1WFZA402	1WFZA403	60 x 2	65	20	250	5	£24.56	€ 27.75

## TFES/ZF - FEMALE THREADED PLUG WITH BREATHER

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**MA01**



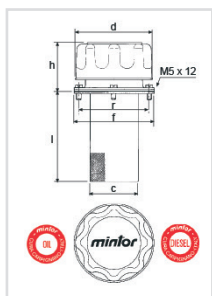
- Plug with internal thread in aluminium alloy for applications on sleeves with male thread.
- A galvanized-steel cover and a spherical 40 microns bronze filter vent internal pressure and keep out foreign bodies during the intake stroke.
- Especially suitable in dusty environments and for application 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	£14.64	€ 16.54
TFES/ZF2G	1WCPF201	1WCPF202	1" 1/2	38	21	41	55	£19.25	€ 21.75
TFES/ZF3G	1WCPF301	1WCPF302	2"	38	21	41	65	£23.30	€ 26.33
TFES/ZF4M	1WCPF401	1WCPF402	60 x 2	38	21	41	65	£23.30	€ 26.33

## TCAR - FILLING PLUG

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**MA01**

- With breather and trap for oil pre-filtering, made entirely of chromed steel with bayonet closure.
- The air filter contained in the plug is available at 10 microns and 40 microns.
- Supplied with screws and seals for immediate use.



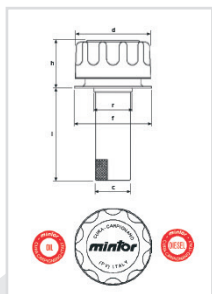
TYPE 10μ			CODE	LT 1'	d	h	l	Ør	f	c	No of screws	NETT. PRICE	
												£ STERLING	€ EUROS
TCAR	1046	C 65	1VTAR10A - Trademark	175	46	45	65	41	52	29	3	£19.27	€ 21.77
TCAR	1080	C 80	1VTAR20A - Trademark	500	80	52	80	73	83	50	6	£22.91	€ 25.89
TCAR	1080	C150	1VTAR30A - Trademark	500	80	52	150	73	83	50	6	£25.70	€ 29.05

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	£17.10	€ 19.33
TCAR	4080	C 80	1VTAR50A - Trademark	700	80	52	80	73	83	50	6	£18.95	€ 21.42
TCAR	4080	C150	1VTAR60A - Trademark	700	80	52	150	73	83	50	6	£22.65	€ 25.59

## TCARS - FILLING PLUG WITH FLANGE TO BE WELDED

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**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	£26.08	€ 29.47
TCARS	1080	C 100	OIL	1VTAS302	500	80	52	100	41,5	83	38	£26.08	€ 29.47
TCARS	1080	C 100	DIESEL	1VTAS303	500	80	52	100	41,5	83	38	£26.08	€ 29.47

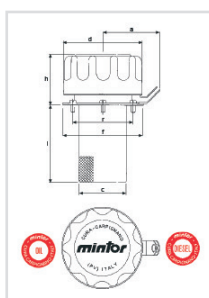
TYPE 40P				CODE	LT 1'	d	h	l	r	f	c	NETT. PRICE	
												£ STERLING	€ EUROS
TCARS	4080	C 100	Label	1VTAS50A	700	80	52	100	41,5	83	38	£21.02	€ 23.75
TCARS	4080	C 100	OIL	1VTAS502	700	80	52	100	41,5	83	38	£21.02	€ 23.75
TCARS	4080	C 100	DIESEL	1VTAS503	700	80	52	100	41,5	83	38	£21.02	€ 23.75



## TCAR/LC - FILLING PLUG WITH LOCK-HOLDER

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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	£26.06	€ 29.45
TCAR/LC 1080 C 150	1VTLC20A - Label	500	80	52	150	73	83	50	70	6	£29.74	€ 33.60

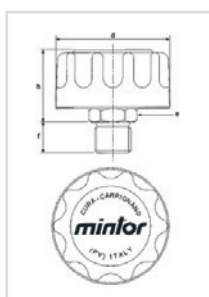
  

TYPE 40μ	CODE	LT 1'	d	h	l	r	f	c	a	No of screws	NETT. PRICE	
											£ STERLING	€ EUROS
TCAR/LC 1080 C 80	1VTLC30A - Label	700	80	52	80	73	83	50	70	6	£22.50	€ 25.43
TCAR/LC 1080 C 150	1VTLC40A - Label	700	80	52	150	73	83	50	70	6	£26.16	€ 29.56

## TCARF - FILLING PLUG WITH THREADED MOUNT

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**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.

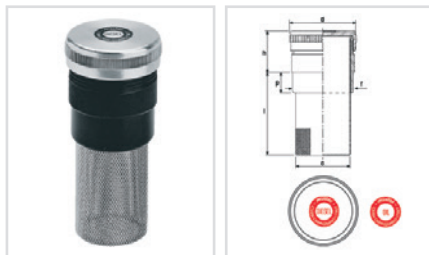


TYPE 10μ	GAS	CODE	LT 1'	d	h	f	e	NETT. PRICE	
								£ STERLING	€ EUROS
TCARF 1046	1/4"	2VTAF60A	175	46	41	10	17	£13.51	€ 15.27
TCARF 1046	3/8"	2VTAF70A	175	46	41	12	19	£14.04	€ 15.86
TCARF 1046	1/2"	2VTAF80A	175	46	43	14	22	£15.03	€ 16.98
TCARF 1080	3/4"	2VTAF90A	500	80	54	17	30	£19.79	€ 22.37
TCARF 1080	1"	2VTAF95A	500	80	55	19	36	£27.99	€ 31.63

TYPE 40μ	GAS	CODE	LT 1'	d	h	f	e	NETT. PRICE	
								£ STERLING	€ EUROS
TCARF 4046	1/4"	2VTAF10A	250	46	41	10	17	£12.97	€ 14.65
TCARF 4046	3/8"	2VTAF20A	250	46	41	12	19	£13.47	€ 15.22
TCARF 4046	1/2"	2VTAF30A	250	46	43	14	22	£14.47	€ 16.35
TCARF 4080	3/4"	2VTAF40A	700	80	54	17	30	£19.23	€ 21.72
TCARF 4080	1"	2VTAF50A	700	80	55	19	36	£27.33	€ 30.88

## TRBF - HERMETIC FILLING PLUG



- 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.

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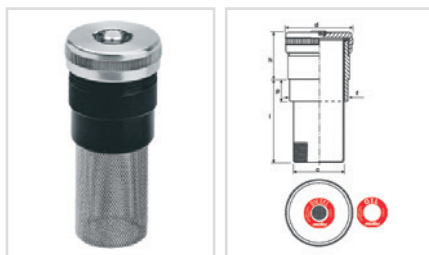
TECH. DATA SHEET

**MA01**

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	£15.74	€ 17.79
TRBF2G	1SBRF202	1 SBRF203	1 1/2"	55	37	15	85	40	45	£20.20	€ 22.83
TRBF3G	1SBRF302	1SBRF303	2"	65	45	24	85	50	57	£23.73	€ 26.81

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	£23.73	€ 26.81

## TRBFS - FILLING PLUG WITH BREATHER



- 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.

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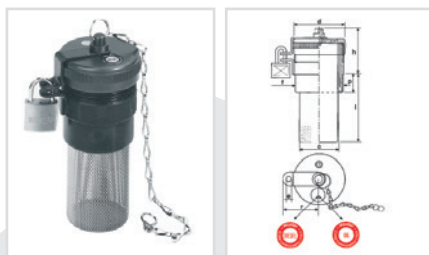
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**MA01**

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	£17.02	€ 19.23
TRBFS2G	1SBSF202	1SBSF203	1 1/2"	55	37	15	85	40	45	£21.54	€ 24.34
TRBFS3G	1 SBSF302	1SBSF303	2"	65	45	24	85	50	57	£25.17	€ 28.44

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	£25.17	€ 28.44

## TRBFSC- FILLING PLUG WITH BREATHER AND LOCK-HOLDER



- 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.

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TECH. DATA SHEET

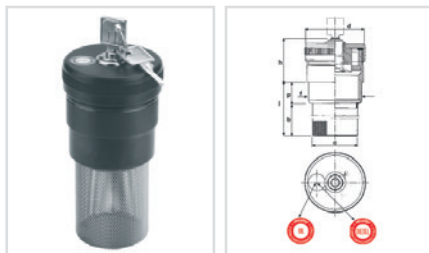
**MA01**

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	£38.60	€ 43.62
TRBFSC3G	1 BRFC301	1 BRFC302	2"	65	58	24	85	50	57	50	6	£39.91	€ 45.10

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	£39.91	€ 45.10

## TRBF/ZK - HERMETIC FILLING PLUG WITH KEY LOCK

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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.

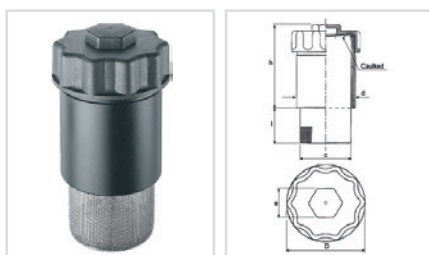
TYPE	OIL CODE	DIESEL CODE	GAS	d	h	f	p	c	b	l	NETT. PRICE	
											£ STERLING	€ EUROS
TRBF/ZK3G	1 KBRF301	1KBRF303	2"	65	48	57	23	49	64	87	£68.50	€ 77.41

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	£68.50	€ 77.41

## TRBFS/A - FILLING PLUG WITH BREATHER

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TECH. DATA SHEET  
**MA01**

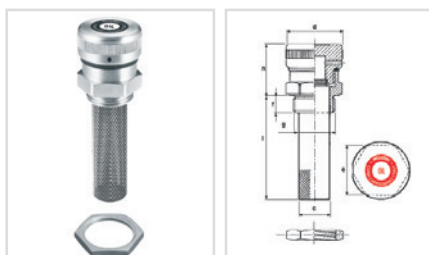


- Composed of duraluminium female plug and UNI C30 burnished steel sleeve which can be welded on large size machine cover or tanks.
- It is provided with breather device, with an extractable 800-microns filter cartridge made of steel.
- On request, supplied with sleeve length 50 mm.

TYPE	CODE	METRIC	d	h	l	c	D	e	NETT. PRICE	
									£ STERLING	€ EUROS
TRBFS/A2M	1BSBF50A	80 x 2	82	118	49	70	95	36	£50.07	€ 56.58

## 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.

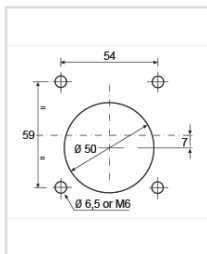
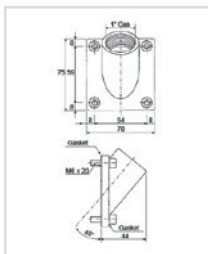
TYPE	CODE	GAS	d	g	f	h	i	c	e	NETT. PRICE	
										£ STERLING	€ EUROS
TRTCSF/Z5G	1FSFZ502	1"	45	33,3	14	42	82	25	40	£48.24	€ 54.51
TRTCSF/Z8G	1FSFZ802	2"	70	59.4	17	53	113	49	70	£66.99	€ 75.70



## 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.

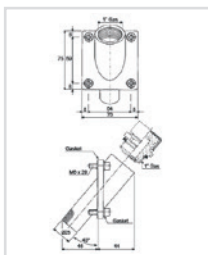
TYPE	CODE	NETT. PRICE	
		£ STERLING	€ EUROS
FLGV5G	1YFL0003	£17.66	€ 19.96

### 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.

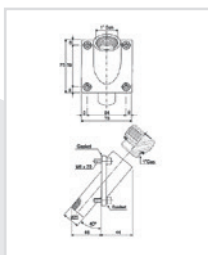
TYPE	CODE	NETT. PRICE	
		£ STERLING	€ EUROS
TSFI5G	11GTSFOA	£34.66	€ 39.17
TCFI5G	11GTCFOA	£29.63	€ 33.48
TCF/FI5G	11GF/F0A	£29.74	€ 33.60
TCSF/ZI5G	11GSFZ0A	£33.51	€ 37.86
TCF/ZI5G	11GCFZ0A	£30.83	€ 34.84

### 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.

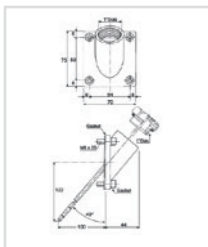
TYPE	CODE	NETT. PRICE	
		£ STERLING	€ EUROS
TCI5G	11GTCOOA	£29.22	€ 33.02
TC/FI5G	11GC/F0A	£29.46	€ 33.29
TC/ZI5G	11GCZOOA	£30.30	€ 34.24

## .....I - FILLING AND BREATHER PLUGS WITH LEVEL DIPSTICK ON INCLINED FLANGE

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TECH. DATA SHEET  
**MA01**



TCLSI5G



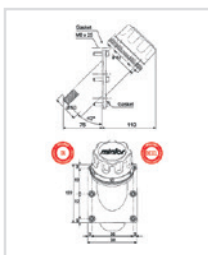
TCLAI5G TCLAI5G TCLS/ZI5G ILAFI5G LSF5G FMC/LSI5G

• Alternative group of filling and breather plugs with level dipsticks are available to apply on inclined flange when it is necessary the side level and oil filling.

TYPE	CODE	NETT. PRICE	
		£ STERLING	€ EUROS
TCLSI5G	1IGCSLOA	£26.30	€ 29.72
TCLAI5G	11GCLAOA	£28.27	€ 31.94
TCLA/ZI5G	11GLAZOA	£28.27	€ 31.94
TCLS/ZI5G	11GLSZA	£28.72	€ 32.45
ILAFI5G	1IGIFAOA	£31.51	€ 35.61
LSFI5G	1IGLSFOA	£37.03	€ 41.85
FMC/LSI5G	1IGFLSOA	£75.68	€ 85.52

## TCARI - INCLINED FILLING PLUG

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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	£60.76	€ 68.66

TYPE 40μ	CODE	NETT. PRICE	
		£ STERLING	€ EUROS
TCARI 4080 C150	1 VTIR60A - Trademark	£57.57	€ 65.06

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# PRESSURE GAUGES

PRODUCT	PAGE
40MM BASE ENTRY PRESSURE GAUGE	701
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100MM REAR ENTRY PRESSURE GAUGE	705
GAUGE ISOLATOR VALVES	706
PRESSURE TEST KITS	707



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## 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)	£4.59	€ 5.19
PGP40B030PSI	BOTTOM ENTRY DRY	0-30PSI	(2 BAR)	£4.59	€ 5.19
PGP40B060PSI	BOTTOM ENTRY DRY	0-60PSI	(4 BAR)	£4.59	€ 5.19
PGP40B0100PSI	BOTTOM ENTRY DRY	0-100PSI	(7 BAR)	£4.59	€ 5.19
PGP40B0160PSI	BOTTOM ENTRY DRY	0-160PSI	(11 BAR)	£4.59	€ 5.19
PGP40B0200PSI	BOTTOM ENTRY DRY	0-200PSI	(14 BAR)	£4.59	€ 5.19
PGP40B0300PSI	BOTTOM ENTRY DRY	0-300PSI	(21 BAR)	£4.59	€ 5.19

## 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)	£4.59	€ 5.19
PGP40R030PSI	REAR ENTRY DRY	0-30PSI	(2 BAR)	£4.59	€ 5.19
PGP40R060PSI	REAR ENTRY DRY	0-60PSI	(4BAR)	£4.59	€ 5.19
PGP40R0100PSI	REAR ENTRY DRY	0-100PSI	(7 BAR)	£4.59	€ 5.19
PGP40R0160PSI	REAR ENTRY DRY	0-160PSI	(11 BAR)	£4.59	€ 5.19
PGP40R0200PSI	REAR ENTRY DRY	0-200PSI	(14 BAR)	£4.59	€ 5.19
PGP40R0300PSI	REAR ENTRY DRY	0-300PSI	(21 BAR)	£4.59	€ 5.19
PGP40R0400PSI	REAR ENTRY DRY	0-400PSI	(28 BAR)	£4.59	€ 5.19

## 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)	£4.67	€ 5.28
PGP50R030PSI	REAR ENTRY DRY	0-30PSI	(2 BAR)	£4.67	€ 5.28
PGP50R060PSI	REAR ENTRY DRY	0-60PSI	(4BAR)	£4.67	€ 5.28
PGP50R0100PSI	REAR ENTRY DRY	0-100PSI	(7 BAR)	£4.67	€ 5.28
PGP50R0160PSI	REAR ENTRY DRY	0-160PSI	(11 BAR)	£4.67	€ 5.28
PGP50R0200PSI	REAR ENTRY DRY	0-200PSI	(14 BAR)	£4.67	€ 5.28
PGP50R0300PSI	REAR ENTRY DRY	0-300PSI	(21 BAR)	£4.67	€ 5.28
PGP50R0400PSI	REAR ENTRY DRY	0-400PSI	(28 BAR)	£4.67	€ 5.28

# PNEUMATIC SPECIFICATION 50MM BASE ENTRY PRESSURE GAUGE

www.flowfitonline.com  
TECH. DATA SHEET  
**PG04**



**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

Dual scale psi (outer) in black and bar (inner) in red

ORDER CODE	DESCRIPTION	PRESSURE RANGE		NETT. PRICE	
				£ STERLING	€ EUROS
PGP50B015PSI	BOTTOM ENTRY DRY	0-15PSI	(1 BAR)	£4.67	€ 5.28
PGP50B030PSI	BOTTOM ENTRY DRY	0-30PSI	(2 BAR)	£4.67	€ 5.28
PGP50B060PSI	BOTTOM ENTRY DRY	0-60PSI	(4 BAR)	£4.67	€ 5.28
PGP50B0100PSI	BOTTOM ENTRY DRY	0-100PSI	(7 BAR)	£4.67	€ 5.28
PGP50B0160PSI	BOTTOM ENTRY DRY	0-160PSI	(11 BAR)	£4.67	€ 5.28
PGP50B0200PSI	BOTTOM ENTRY DRY	0-200PSI	(14 BAR)	£4.67	€ 5.28
PGP50B0300PSI	BOTTOM ENTRY DRY	0-300PSI	(21 BAR)	£4.67	€ 5.28

# 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)	£6.42	€ 7.25
PG63B015PSI	BASE ENTRY GLY FILLED	0-15PSI	(1 BAR)	£6.42	€ 7.25
PG63B030PSI	BASE ENTRY GLY FILLED	0-30PSI	(2 BAR)	£6.42	€ 7.25
PG63B060PSI	BASE ENTRY GLY FILLED	0-60PSI	(4 BAR)	£6.42	€ 7.25
PG63B0100PSI	BASE ENTRY GLY FILLED	0-100PSI	(7 BAR)	£6.42	€ 7.25
PG63B0160PSI	BASE ENTRY GLY FILLED	0-160PSI	(11 BAR)	£6.42	€ 7.25
PG63B0200PSI	BASE ENTRY GLY FILLED	0-200PSI	(14 BAR)	£6.42	€ 7.25
PG63B0300PSI	BASE ENTRY GLY FILLED	0-300PSI	(21 BAR)	£6.42	€ 7.25
PG63B0400PSI	BASE ENTRY GLY FILLED	0-400PSI	(28 BAR)	£6.42	€ 7.25
PG63B0500PSI	BASE ENTRY GLY FILLED	0-500PSI	(28 BAR)	£6.42	€ 7.25
PG63B0600PSI	BASE ENTRY GLY FILLED	0-600PSI	(41 BAR)	£6.42	€ 7.25
PG63B01000PSI	BASE ENTRY GLY FILLED	0-1000PSI	(70 BAR)	£6.42	€ 7.25
PG63B01500PSI	BASE ENTRY GLY FILLED	0-1500PSI	(100 BAR)	£6.42	€ 7.25
PG63B02000PSI	BASE ENTRY GLY FILLED	0-2000PSI	(138 BAR)	£6.42	€ 7.25
PG63B03000PSI	BASE ENTRY GLY FILLED	0-3000PSI	(207 BAR)	£6.42	€ 7.25
PG63B04000PSI	BASE ENTRY GLY FILLED	0-4000PSI	(275 BAR)	£6.42	€ 7.25
PG63B05000PSI	BASE ENTRY GLY FILLED	0-5000PSI	(344 BAR)	£6.42	€ 7.25
PG63B06000PSI	BASE ENTRY GLY FILLED	0-6000PSI	(414 BAR)	£6.42	€ 7.25
PG63B08500PSI	BASE ENTRY GLY FILLED	0-8500PSI	(586 BAR)	£6.42	€ 7.25
PG63B010000PSI	BASE ENTRY GLY FILLED	0-10000PSI	(690 BAR)	£6.42	€ 7.25
PG63B014500PSI	BASE ENTRY GLY FILLED	0-14500PSI	(1000 BAR)	£6.42	€ 7.25
PG63B-30HG060PSI	BASE ENTRY GLY FILLED	-30HG +60 PSI	(-1/+4 BAR)	£6.42	€ 7.25

## OPTIONAL EXTRAS FOR 63MM & 100MM GAUGES

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
CAL163100	CALIBRATION C/W CERTIFICATE	£54.77	€ 61.89
PG63COVER	RUBBER PROTECTIVE COVER	£15.02	€ 16.97

# 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)	£6.42	€ 7.25
PG63R015PSI	REAR ENTRY GLY FILLED	0-15PSI	(1 BAR)	£6.42	€ 7.25
PG63R030PSI	REAR ENTRY GLY FILLED	0-30PSI	(2 BAR)	£6.42	€ 7.25
PG63R060PSI	REAR ENTRY GLY FILLED	0-60PSI	(4 BAR)	£6.42	€ 7.25
PG63R0100PSI	REAR ENTRY GLY FILLED	0-100PSI	(7 BAR)	£6.42	€ 7.25
PG63R0160PSI	REAR ENTRY GLY FILLED	0-160PSI	(11 BAR)	£6.42	€ 7.25
PG63R0200PSI	REAR ENTRY GLY FILLED	0-200PSI	(14 BAR)	£6.42	€ 7.25
PG63R0300PSI	REAR ENTRY GLY FILLED	0-300PSI	(21 BAR)	£6.42	€ 7.25
PG63R0400PSI	REAR ENTRY GLY FILLED	0-400PSI	(28 BAR)	£6.42	€ 7.25
PG63R0500PSI	REAR ENTRY GLY FILLED	0-500PSI	(34 BAR)	£6.42	€ 7.25
PG63R0600PSI	REAR ENTRY GLY FILLED	0-600PSI	(41 BAR)	£6.42	€ 7.25
PG63R01000PSI	REAR ENTRY GLY FILLED	0-1000PSI	(70 BAR)	£6.42	€ 7.25
PG63R01500PSI	REAR ENTRY GLY FILLED	0-1500PSI	(100 BAR)	£6.42	€ 7.25
PG63R02000PSI	REAR ENTRY GLY FILLED	0-2000PSI	(138 BAR)	£6.42	€ 7.25
PG63R03000PSI	REAR ENTRY GLY FILLED	0-3000PSI	(207 BAR)	£6.42	€ 7.25
PG63R04000PSI	REAR ENTRY GLY FILLED	0-4000PSI	(275 BAR)	£6.42	€ 7.25
PG63R05000PSI	REAR ENTRY GLY FILLED	0-5000PSI	(334 BAR)	£6.42	€ 7.25
PG63R06000PSI	REAR ENTRY GLY FILLED	0-6000PSI	(414 BAR)	£6.42	€ 7.25
PG63R08500PSI	REAR ENTRY GLY FILLED	0-8500PSI	(586 BAR)	£6.42	€ 7.25
PG63R010000PSI	REAR ENTRY GLY FILLED	0-10000PSI	(690 BAR)	£6.42	€ 7.25
PG63R014500PSI	REAR ENTRY GLY FILLED	0-14500PSI	(1000 BAR)	£6.42	€ 7.25
PG63R-30HG060PSI	REAR ENTRY GLY FILLED	30HG +60 PSI	(-1/+4 BAR)	£6.42	€ 7.25

### OPTIONAL EXTRAS FOR 63MM & 100MM GAUGES

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
PG63F	3 POSITION FACE FIXING	£5.59	€ 6.43
PG63RCLAMPS	REAR CLAMPS TO SU IT 63MM REAR ENTRY	£5.39	€ 6.20
PG63COVER	RUBBER PROTECTIVE COVER	£11.92	€ 13.71



## MCS 63MM HIGH QUALITY HYDRAULIC PRESSURE GAUGE, 1/4" BSP, BASE ENTRY

**Working Pressure: Steady:** 75% of full scale value  
**Working temperature range Ambient:** -25°C to 65°C / -40°F to 150°F  
**Overpressure:** 25% ≤ 100 bar ; 15% > 100 bar  
**Casing Body:** Glycerine filled in stainless steel case with safety vent

**Band Ring:** Stainless steel AISI 304  
**Fixing Flange:** Stainless steel AISI 304 with 3 holes  
**Dial:** White painted aluminium with indelible black and red graduation and MCS® green mark  
**Connection:** Brass for pressure up to 600 bar"

ORDER CODE	DESCRIPTION	PRESSURE RANGE		NETT. PRICE	
				£ STERLING	€ EUROS
63-7211-6	BOTTOM ENTRY GLY FILLED	85 PSI	0-6 Bar	£10.45	€ 11.81
63-7211-10	BOTTOM ENTRY GLY FILLED	140 PSI	0-10 Bar	£10.45	€ 11.81
63-7211-16	BOTTOM ENTRY GLY FILLED	230 PSI	0-16 Bar	£10.45	€ 11.81
63-7211-23	BOTTOM ENTRY GLY FILLED	350 PSI	0-23 Bar	£10.45	€ 11.81
63-7211-25	BOTTOM ENTRY GLY FILLED	362 PSI	0-25 Bar	£10.45	€ 11.81
63-7211-40	BOTTOM ENTRY GLY FILLED	560 PSI	0-40 Bar	£10.45	€ 11.81
63-7211-60	BOTTOM ENTRY GLY FILLED	870 PSI	0-60 Bar	£10.45	€ 11.81
63-7211-100	BOTTOM ENTRY GLY FILLED	1450 PSI	0-100 Bar	£10.45	€ 11.81
63-7211-160	BOTTOM ENTRY GLY FILLED	2320 PSI	0-160 Bar	£10.45	€ 11.81
63-7211-250	BOTTOM ENTRY GLY FILLED	3625 PSI	0-250 Bar	£10.45	€ 11.81
63-7211-400	BOTTOM ENTRY GLY FILLED	5800 PSI	0-400 Bar	£10.45	€ 11.81
63-7211-600	BOTTOM ENTRY GLY FILLED	8700 PSI	0-600 Bar	£10.45	€ 11.81
63-7211-1000	BOTTOM ENTRY GLY FILLED	14500 PSI	0-1000 Bar	£10.45	€ 11.81



# 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)	£20.40	€ 23.05
PG100B015PSI	BASE ENTRY GLY FILLED	0-15PSI	(1 BAR)	£20.40	€ 23.05
PG100B030PSI	BASE ENTRY GLY FILLED	0-30PSI	(2 BAR)	£20.40	€ 23.05
PG100B060PSI	BASE ENTRY GLY FILLED	0-60PSI	(4 BAR)	£20.40	€ 23.05
PG100B0100PSI	BASE ENTRY GLY FILLED	0-100PSI	(7 BAR)	£20.40	€ 23.05
PG100B0160PSI	BASE ENTRY GLY FILLED	0-160PSI	(11 BAR)	£20.40	€ 23.05
PG100B0200PSI	BASE ENTRY GLY FILLED	0-200PSI	(14 BAR)	£20.40	€ 23.05
PG100B0300PSI	BASE ENTRY GLY FILLED	0-300PSI	(21 BAR)	£20.40	€ 23.05
PG100B0400PSI	BASE ENTRY GLY FILLED	0-400PSI	(28 BAR)	£20.40	€ 23.05
PG100B0500PSI	BASE ENTRY GLY FILLED	0-500PSI	(34 BAR)	£20.40	€ 23.05
PG100B0600PSI	BASE ENTRY GLY FILLED	0-600PSI	(41 BAR)	£20.40	€ 23.05
PG100B01000PSI	BASE ENTRY GLY FILLED	0-1000PSI	(70 BAR)	£20.40	€ 23.05
PG100B01500PSI	BASE ENTRY GLY FILLED	0-1500PSI	(103 BAR)	£20.40	€ 23.05
PG100B02000PSI	BASE ENTRY GLY FILLED	0-2000PSI	(138 BAR)	£20.40	€ 23.05
PG100B03000PSI	BASE ENTRY GLY FILLED	0-3000PSI	(207 BAR)	£20.40	€ 23.05
PG100B04000PSI	BASE ENTRY GLY FILLED	0-4000PSI	(275 BAR)	£20.40	€ 23.05
PG100B05000PSI	BASE ENTRY GLY FILLED	0-5000PSI	(344 BAR)	£20.40	€ 23.05
PG100B06000PSI	BASE ENTRY GLY FILLED	0-6000PSI	(414 BAR)	£20.40	€ 23.05
PG100B08500PSI	BASE ENTRY GLY FILLED	0-8500PSI	(586 BAR)	£20.40	€ 23.05
PG100B010000PSI	BASE ENTRY GLY FILLED	0-10000PSI	(690 BAR)	£20.40	€ 23.05
PG100B014500PSI	BASE ENTRY GLY FILLED	0-14500PSI	(1000 BAR)	£20.40	€ 23.05
PG100B-3060PSI	BASE ENTRY GLY FILLED	-30HG +60PSI	(-1/+4 BAR)	£20.40	€ 23.05

## OPTIONAL EXTRAS FOR 63MM & 100MM GAUGES

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
CALI63100	CALIBRATION C/W CERTIFICATE	£54.77	€ 61.89
PG100COVER	RUBBER PROTECTIVE COVER	£32.87	€ 37.14



# HYDRAULIC SPECIFICATION

## 100MM REAR ENTRY PRESSURE GAUGE



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)	£20.40	€ 23.05
PG100R015PSI	REAR ENTRY GLY FILLED	0-15PSI	(1 BAR)	£20.40	€ 23.05
PG100R030PSI	REAR ENTRY GLY FILLED	0-30PSI	(2 BAR)	£20.40	€ 23.05
PG100R060PSI	REAR ENTRY GLY FILLED	0-60PSI	(4 BAR)	£20.40	€ 23.05
PG100R0100PSI	REAR ENTRY GLY FILLED	0-100PSI	(7 BAR)	£20.40	€ 23.05
PG100R0160PSI	REAR ENTRY GLY FILLED	0-160PSI	(11 BAR)	£20.40	€ 23.05
PG100R0200PSI	REAR ENTRY GLY FILLED	0-200PSI	(14 BAR)	£20.40	€ 23.05
PG100R0300PSI	REAR ENTRY GLY FILLED	0-300PSI	(21 BAR)	£20.40	€ 23.05
PG100R0400PSI	REAR ENTRY GLY FILLED	0-400PSI	(28 BAR)	£20.40	€ 23.05
PG100R0500PSI	REAR ENTRY GLY FILLED	0-500PSI	(34 BAR)	£20.40	€ 23.05
PG100R0600PSI	REAR ENTRY GLY FILLED	0-600PSI	(41 BAR)	£20.40	€ 23.05
PG100R01000PSI	REAR ENTRY GLY FILLED	0-1000PSI	(70 BAR)	£20.40	€ 23.05
PG100R01500PSI	REAR ENTRY GLY FILLED	0-1500PSI	(103 BAR)	£20.40	€ 23.05
PG100R02000PSI	REAR ENTRY GLY FILLED	0-2000PSI	(138 BAR)	£20.40	€ 23.05
PG100R03000PSI	REAR ENTRY GLY FILLED	0-3000PSI	(207 BAR)	£20.40	€ 23.05
PG100R04000PSI	REAR ENTRY GLY FILLED	0-4000PSI	(275 BAR)	£20.40	€ 23.05
PG100R05000PSI	REAR ENTRY GLY FILLED	0-5000PSI	(344 BAR)	£20.40	€ 23.05
PG100R06000PSI	REAR ENTRY GLY FILLED	0-6000PSI	(414 BAR)	£20.40	€ 23.05
PG100R08500PSI	REAR ENTRY GLY FILLED	0-8500PSI	(586 BAR)	£20.40	€ 23.05
PG100R010000PSI	REAR ENTRY GLY FILLED	0-10000PSI	(690 BAR)	£20.40	€ 23.05
PG100R014500PSI	REAR ENTRY GLY FILLED	0-14500PSI	(1000 BAR)	£20.40	€ 23.05

### OPTIONAL EXTRAS FOR 63MM & 100MM GAUGES

ORDER CODE	DESCRIPTION	NETT. PRICE	
		£ STERLING	€ EUROS
PG100F	3 POSITION FACE FIXING	£5.86	€ 6.62
PG100RCLAMPS	REAR CLAMPS TO SUIT 100MM REAR ENTRY	£5.66	€ 6.40
PG100COVER	RUBBER PROTECTIVE COVER	£27.39	€ 30.96
CAL163100	CALIBRATION C/W CERTIFICATE	£50.73	€ 57.32



## MCS 100MM HIGH QUALITY HYDRAULIC PRESSURE GAUGE, 1/2" BSP, BASE ENTRY

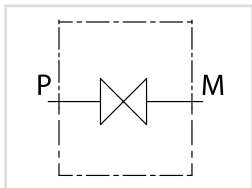
**Working Pressure: Steady:** 75% of full scale value  
**Working temperature range Ambient:** -25°C to 65°C / -40°F to 150°F  
**Overpressure:** 25% ≤ 100 bar ; 15% > 100 bar  
**Casing Body:** Glycerine filled in stainless steel case with safety vent

**Band Ring:** Stainless steel AISI 304  
**Fixing Flange:** Stainless steel AISI 304 with 3 holes  
**Dial:** White painted aluminium with indelible black and red graduation and MCS® green mark  
**Connection:** Brass for pressure up to 600 bar

ORDER CODE	DESCRIPTION	PRESSURE RANGE		NETT. PRICE	
				£ STERLING	€ EUROS
100-7211-2.5	BOTTOM ENTRY GLY FILLED	36 PSI	0-2.5 Bar	£52.45	€ 59.27
100-7211-6	BOTTOM ENTRY GLY FILLED	85 PSI	0-6 Bar	£52.45	€ 59.27
100-7211-10	BOTTOM ENTRY GLY FILLED	140 PSI	0-10 Bar	£52.45	€ 59.27
100-7211-16	BOTTOM ENTRY GLY FILLED	230 PSI	0-16 Bar	£52.45	€ 59.27
100-7211-25	BOTTOM ENTRY GLY FILLED	350 PSI	0-25 Bar	£52.45	€ 59.27
100-7211-40	BOTTOM ENTRY GLY FILLED	550 PSI	0-40 Bar	£52.45	€ 59.27
100-7211-60	BOTTOM ENTRY GLY FILLED	850 PSI	0-60 Bar	£52.45	€ 59.27
100-7211-100	BOTTOM ENTRY GLY FILLED	1400 PSI	0-100 Bar	£52.45	€ 59.27
100-7211-160	BOTTOM ENTRY GLY FILLED	2300 PSI	0-160 Bar	£52.45	€ 59.27
100-7211-250	BOTTOM ENTRY GLY FILLED	3500 PSI	0-250 Bar	£52.45	€ 59.27
100-7211-400	BOTTOM ENTRY GLY FILLED	5500 PSI	0-400 Bar	£52.45	€ 59.27
100-7211-600	BOTTOM ENTRY GLY FILLED	8500 PSI	0-600 Bar	£52.45	€ 59.27

## GAUGE ISOLATOR VALVES

### GAUGE ISOLATOR IN LINE



#### USE AND OPERATION:

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

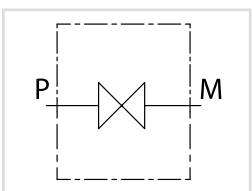
Body: nickel steel. Seals: NBR

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.

www.flowfitonline.com  
TECH. DATA SHEET  
**PG09**

CODE	TYPE	BSP PORTS	WORKING PRESSURE BAR	NETT. PRICE	
				£ STERLING	€ EUROS
EM001L	EML 1/4" BSP MF	1/4"	400	£12.15	€ 13.73

### GAUGE ISOLATOR 90°



#### 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.

www.flowfitonline.com  
TECH. DATA SHEET  
**PG010**

CODE	TYPE	BSP PORTS	WORKING PRESSURE BAR	NETT. PRICE	
				£ STERLING	€ EUROS
EM001N	EM90° 1/4" BSP MF	1/4"	400	£12.15	€ 13.73

## 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.

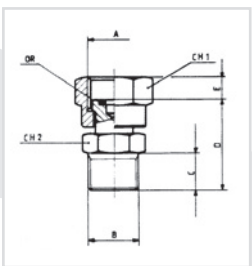
Releasing the button shuts off the flow to the gauge with residual pressure being automatically drained.

The button can be locked to give a continuous 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	£50.19	€ 56.71

## FT299 PRESSURE GAUGE SWIVEL ADAPTORS - 400 BAR RATED



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.

www.flowfitonline.com  
TECH. DATA SHEET  
**PG012**

ORDER CODE	PORT A	PORT B	MAX WORKING PRESSURE (BAR)	NETT. PRICE	
				£ STERLING	€ EUROS
FT299-88	1/8"	1/8"	400	£10.43	€ 11.78
FT299-44	1/4"	1/4"	400	£7.91	€ 8.93
FT299-42	1/4"	1/2"	400	£9.12	€ 10.31
FT299-24	1/2"	1/4"	400	£13.82	€ 15.61
FT299-22	1/2"	1/2"	400	£19.99	€ 22.59

## PRESSURE TEST KITS

### FLOWFIT PRESSURE TEST KIT, 2 X 63MM PRESSURE GAUGES & 1 X MICRO HOSE


**Kit Includes:**

- 1 x Plastic Box
- 2 x Flowfit Glycerine Filled Pressure Gauges Ø 63mm
- 1 x 0-1500 PSI
- 1 x 0-10000 PSI
- 1 x Micro Hose 6400-10.162-50.204-2000mm

**Dimensions:** 240 x 200 x 40mm

ORDER CODE	DESCRIPTION	PRESSURE RANGE	MICRO HOSE	NETT. PRICE	
				£ STERLING	€ EUROS
FF750.KP1	2 X Flowfit Glycerine Filled Pressure Gauges Ø 63mm	1 X 0-1500 PSI 1 X 0-10000 PSI	1 x Micro Hose 6400-10.162-50.204-2000mm	£41.42	€ 46.81

### FLOWFIT PRESSURE TEST KIT, 2 X 63MM PRESSURE GAUGES, 1 X MICRO HOSE AND ADAPTORS


**Kit Includes:**

- 1 x Plastic Box
- 2 x Flowfit Glycerine Filled Pressure Gauges Ø 63mm
- 1 x 0-3000 PSI
- 1 x 0-4000 PSI
- 2 x Test Points 621.01.204.26
- 1 x Micro Hose 6400-10.162-10.162-2000mm
- 2 x Pressure Gauge Connections 620.08.204.00
- 1 x Pressure Gauge Adaptor 620.09.204.00
- 1 x Reducer 630.01.206.20
- 1 x Reducer 630.01.208.20
- 1 x Test Point 621.01.008.06
- 1 x Test Point 621.01.010.06SP

**Dimensions:** 320 x 260 x 80mm

ORDER CODE	DESCRIPTION	PRESSURE RANGE	MICRO HOSE	NETT. PRICE	
				£ STERLING	€ EUROS
FF750.KP2	2 X Flowfit Glycerine Filled Pressure Gauges Ø 63mm, C/W Adaptors, Connectors & Test Points	1 X 0-3000 PSI 1 X 0-4000 PSI	1 x Micro Hose 6400-10.162-10.162-2000mm	£102.29	€ 115.59

### FLOWFIT METAL PRESSURE TEST KIT, 4 X 63MM PRESSURE GAUGES & 4 X MICRO HOSE


**Kit Includes:**

- 1 x Metal Box
- Construction:** sheet-steel
- Shock resistant oven-baked painting
- Removable cover comprising glycerine filled pressure gauges
- Box for micro-hoses protected by a sheet-steel cover
- 1 set of micro-hoses with length 2000 mm
- 4 x Flowfit Glycerine Filled Pressure Gauges Ø 63mm
- 1 x 0-1000 PSI
- 1 x 0-4000 PSI
- 1 x 0-6000 PSI
- 1 x 0-10000 PSI
- 4 x Micro Hoses with terminals M16 x 2

**Dimensions:** 420 x 110 x 310 mm

**Weight:** 9.5 KG

ORDER CODE	DESCRIPTION	PRESSURE RANGE	MICRO HOSE	NETT. PRICE	
				£ STERLING	€ EUROS
FF750N.63.00	4 X Flowfit Glycerine Filled Pressure Gauges Ø 63mm & 4 X Micro Hose	1 X 0-1000 PSI 1 X 0-4000 PSI 1 X 0-6000 PSI 1 X 0-10000 PSI	4 x Micro Hoses with terminals M16 x 2 -2000mm	£281.59	€ 318.20

## FLOWFIT METAL PRESSURE TEST KIT, 7 X 63MM PRESSURE GAUGES & 7 X MICRO HOSE



### Kit Includes:

- 1 x Metal Box
- Construction:** sheet-steel
- Shock resistant oven-baked painting
- Removable cover comprising glycerine filled pressure gauges
- Box for micro-hoses protected by a sheet-steel cover
- 1 set of micro-hoses with length 2000 mm
- 7 x Flowfit Glycerine Filled Pressure Gauges Ø 63mm
- 1 x 0-400 PSI, 1 x 0-1000 PSI, 1 x 0-1500 PSI, 1 x 0-3000 PSI,
- 1 x 0-4000 PSI, 1 x 0-6000 PSI, 1 x 0-10000 PSI
- 7 x Micro Hoses with terminals M16 x 2

**Dimensions:** 420 x 110 x 310 mm  
**Weight:** 11 KG

ORDER CODE	DESCRIPTION	PRESSURE RANGE	MICRO HOSE	NETT. PRICE	
				£ STERLING	€ EUROS
FF750N.63.00.7	7 X Flowfit Glycerine Filled Pressure Gauges Ø 63mm & 7 X Micro Hose	1 X 0-400 PSI 1 X 0-1000 PSI 1 X 0-1500 PSI 1 X 0-3000 PSI 1 X 0-4000 PSI 1 X 0-6000 PSI 1 X 0-10000 PSI	7 x Micro Hoses with terminals M16 x 2 -2000mm	£421.07	€ 475.81

## FLOWFIT METAL PRESSURE TEST KIT, 2 X 63MM & 2 X 100MM PRESSURE GAUGES & 4 X MICRO HOSE



### Kit Includes:

- 1 x Metal Box
- Construction:** sheet-steel
- Shock resistant oven-baked painting
- Removable cover comprising glycerine filled pressure gauges
- Box for micro-hoses protected by a sheet-steel cover
- 1 set of micro-hoses with length 2000 mm
- 2 x Flowfit Glycerine Filled Pressure Gauges Ø 63mm
- 1 x 0-1000 PSI, 1 x 0-4000 PSI
- 2 x Flowfit Glycerine Filled Pressure Gauges Ø 100mm
- 1 x 0-3000 PSI, 1 x 0-6000 PSI
- 4 x Micro Hoses with terminals M16 x 2

**Dimensions:** 420 x 110 x 310 mm  
**Weight:** 10.5 KG

ORDER CODE	DESCRIPTION	PRESSURE RANGE	MICRO HOSE	NETT. PRICE	
				£ STERLING	€ EUROS
FF750N.63.10	4 X Flowfit Glycerine Filled Pressure Gauges, 2 X Ø 63mm, 2 X Ø 100mm & 4 X Micro Hose	1 X 0-1000 PSI (Ø 63mm) 1 X 0-4000 PSI (Ø 63mm) 1 X 0-3000 PSI (Ø 100mm) 1 X 0-6000 PSI (Ø 100mm)	4 x Micro Hoses with terminals M16 x 2 -2000mm	£323.56	€ 365.62

## MCS HIGH QUALITY PRESSURE TEST KIT, 2 X 63MM PRESSURE GAUGES & 1 X MICRO HOSE



### Kit Includes:

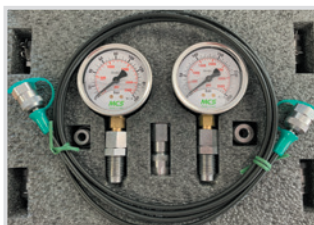
- Model 750.KP1
- 1 x Plastic Box
- 2 x Glycerine Filled Pressure Gauges Ø 63mm
- 1 x Micro Hose 6400-10.162-50.204-2000mm

**Dimensions:** 240 x 200 x 40mm

ORDER CODE	DESCRIPTION	PRESSURE RANGE	MICRO HOSE	NETT. PRICE	
				£ STERLING	€ EUROS
750.KP1	2 X MCS Glycerine Filled Pressure Gauges Ø 63mm	1 X 0-1400 PSI 1 X 0-8800 PSI	1 x Micro Hose 6400-10.162-50.204-2000mm	£58.25	€ 65.83



## MCS HIGH QUALITY PRESSURE TEST KIT, 2 X 63MM PRESSURE GAUGES, 1 X MICRO HOSE AND ADAPTORS



### Kit Includes:

- 1 x Plastic Box
- 2 x Glycerine Filled Pressure Gauges Ø 63mm
- 2 x Test Points 621.01.204.26
- 1 x Micro Hose 6400-10.162-10.162-2000mm
- 2 x Pressure Gauge Connections 620.08.204.00
- 1 x Pressure Gauge Adaptor 620.09.204.00
- 1 x Reducer 630.01.206.20
- 1 x Reducer 630.01.208.20
- 1 x Test Point 621.01.008.06
- 1 x Test Point 621.01.010.06SP

Dimensions: 320 x 260 x 80mm"

ORDER CODE	DESCRIPTION	PRESSURE RANGE	MICRO HOSE	NETT. PRICE	
				£ STERLING	€ EUROS
750.KP2	2 X MCS Glycerine Filled Pressure Gauges Ø 63mm, C/W Adaptors, Connectors & Test Points	1 X 0-2300 PSI 1 X 0-3500 PSI	1 x Micro Hose 6400-10.162-50.204-2000mm	£120.61	€ 136.29

## MCS HIGH QUALITY METAL PRESSURE TEST KIT, 4 X 63MM PRESSURE GAUGES & 4 X MICRO HOSE



### Kit Includes:

- 1 x Metal Box
- Construction: sheet-steel
- Shock resistant oven-baked painting
- Removable cover comprising glycerine filled pressure gauges
- Box for micro-hoses protected by a sheet-steel cover
- 1 set of micro-hoses with length 2000 mm
- 4 x Glycerine Filled Pressure Gauges Ø 63mm
- 4 x Micro Hoses with terminals M16 x 2

Dimensions: 420 x 110 x 310 mm

Weight: 9.5 KG

ORDER CODE	DESCRIPTION	PRESSURE RANGE	MICRO HOSE	NETT. PRICE	
				£ STERLING	€ EUROS
750N.63.00	4 X MCS Glycerine Filled Pressure Gauges Ø 63mm	4 X 0-8500 PSI	4 X M16 x 2 Micro Hoses	£322.72	€ 364.67

## MCS HIGH QUALITY METAL PRESSURE TEST KIT, 7 X 63MM PRESSURE GAUGES & 7 X MICRO HOSE



### Kit Includes:

- 1 x Metal Box
- Construction: sheet-steel
- Shock resistant oven-baked painting
- Removable cover comprising glycerine filled pressure gauges
- Box for micro-hoses protected by a sheet-steel cover
- 1 set of micro-hoses with length 2000 mm
- 7 x Glycerine Filled Pressure Gauges Ø 63mm
- 7 x Micro Hoses with terminals M16 x 2

Dimensions: 420 x 110 x 310 mm

Weight: 11 KG

ORDER CODE	DESCRIPTION	PRESSURE RANGE	MICRO HOSE	NETT. PRICE	
				£ STERLING	€ EUROS
750N.63.00.7	7 X MCS Glycerine Filled Pressure Gauges Ø 63mm	7 X 0-8700 PSI	7 X M16 x 2 Micro Hoses	£475.40	€ 537.20



## MCS HIGH QUALITY METAL PRESSURE TEST KIT, 2 X 63MM & 2 X 100MM PRESSURE GAUGES & 4 X MICRO HOSE



### Kit Includes:

- 1 x Metal Box
- Construction: sheet-steel
- Shock resistant oven-baked painting
- Removable cover comprising glycerine filled pressure gauges
- Box for micro-hoses protected by a sheet-steel cover
- 1 set of micro-hoses with length 2000 mm
- 2 x Glycerine Filled Pressure Gauges Ø 63mm
- 1 x 0-870 PSI, 1 x 0-3650 PSI
- 2 x Glycerine Filled Pressure Gauges Ø 100mm
- 1 x 0-2300 PSI, 1 x 0-6000 PSI
- 4 x Micro Hoses with terminals M16 x 2

**Dimensions:** 420 x 110 x 310 mm

**Weight:** 10.5 KG

ORDER CODE	DESCRIPTION	PRESSURE RANGE	MICRO HOSE	NETT. PRICE	
				£ STERLING	€ EUROS
750N.63.10	4 X MCS Glycerine Filled Pressure Gauges, 2 X Ø 63mm, 2 X Ø 100mm & 4 X Micro Hose	1 X 0-870 PSI (Ø 63mm) 1 X 0-3650 PSI (Ø 63mm) 1 X 0-2300 PSI (Ø 100mm) 1 X 0-6000 PSI (Ø 100mm)	4 X M16 x 2 Micro Hoses	£424.17	€ 479.31

## MCS DIGITAL PRESSURE GAUGE



**Model DG1** - 5000 Hz sample Rate for peak measurements

Equipped with integrated shock protection.

1/4" Gas Threaded Connection.

**Resolution:** 200 mbar

**Total Accuracy:** tpy. 0.7 bar max 1.4 bar

**Accuracy:** 0.1% FStyp. - 0.2% FSmax

**Storage Temperature:** -30...80°C

**Compensated Temperature Range:** 0...50°C

**Protection CEI 529:** IP65

**Pressure Connection:** 1/4" Gas DIN 16288

**Weight:** 128g

**Measures without Shock Protection** (Diameter X Height X Depth): 76 X 120 X 43mm

**Measures with Shock Protection** (Diameter X Height X Depth): 87 X 126 X 51mm

ORDER CODE	PRESSURE RANGE	CONNECTION	NETT. PRICE	
			£ STERLING	€ EUROS
DG1-300	0-300 BAR	1/4" BSP	£517.65	€ 584.94
DG1-700	0-700 BAR	1/4" BSP	£760.41	€ 859.26

# OILS & LUBRICANTS

PRODUCT	PAGE
FLOWFIT HYDRAULIC OIL, ISO 32	712
FLOWFIT HYDRAULIC OIL, ISO 46	712
FLOWFIT HYDRAULIC OIL, ISO 68	713
FLOWFIT HEAVY DUTY ENGINE 15W40 OIL	713
FLOWFIT GEAR OIL	713
FLOWFIT HIGH PERFORMANCE CHAINSAW OIL	714
FLOWFIT TRAFFIC FILM REMOVER	714
FLOWFIT ANTI FREEZE	714



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## FLOWFIT HYDRAULIC OIL, ISO 32



### Flowfit High Quality Virgin Hydraulic Oil ISO Grade 32

Designed to be used with all types of Hydraulic components and parts such as:

- AC Power Units
- DC Power Packs
- Hydraulic Tanks

- Cylinders
- Hydraulic Pumps
- Hydraulic Motors
- Hydraulic Hose
- ...Many More!

The amount of oil is made up from 5, 25 & 205 Litre Drums



ORDER CODE	TYPE	SIZE (LITRES)	NETT PRICE	
			£ STERLING	€ EUROS
FF-OIL32/5L	ISO 32	5L	£8.75	€ 9.88
FF-OIL32/10L	ISO 32	10L	£18.38	€ 20.76
FF-OIL32/15L	ISO 32	15L	£26.25	€ 29.66
FF-OIL32/20L	ISO 32	20L	£34.65	€ 39.15
FF-OIL32/25L	ISO 32	25L	£43.05	€ 48.65
FF-OIL32/30L	ISO 32	30L	£51.45	€ 58.14
FF-OIL32/35L	ISO 32	35L	£60.38	€ 68.22
FF-OIL32/40L	ISO 32	40L	£69.30	€ 78.31
FF-OIL32/45L	ISO 32	45L	£81.90	€ 92.55
FF-OIL32/50L	ISO 32	50L	£86.10	€ 97.29
FF-OIL32/55L	ISO 32	55L	£95.03	€ 107.38
FF-OIL32/60L	ISO 32	60L	£103.95	€ 117.46
FF-OIL32/65L	ISO 32	65L	£112.35	€ 126.96
FF-OIL32/70L	ISO 32	70L	£120.75	€ 136.45
FF-OIL32/75L	ISO 32	75L	£129.68	€ 146.53
FF-OIL32/100L	ISO 32	100L	£162.75	€ 183.91
FF-OIL32/125L	ISO 32	125L	£204.75	€ 231.37
FF-OIL32/150L	ISO 32	150L	£244.65	€ 276.45
FF-OIL32/175L	ISO 32	175L	£270.38	€ 305.52
FF-OIL32205	ISO 32	205L	£330.75	€ 373.75

## FLOWFIT HYDRAULIC OIL, ISO 46



### Flowfit High Quality Virgin Hydraulic Oil ISO Grade 46

Designed to be used with all types of Hydraulic components and parts such as:

- AC Power Units
- DC Power Packs
- Hydraulic Tanks

- Cylinders
- Hydraulic Pumps
- Hydraulic Motors
- Hydraulic Hose
- ...Many More!

The amount of oil is made up from 5, 25 & 205 Litre Drums



ORDER CODE	TYPE	SIZE (LITRES)	NETT PRICE	
			£ STERLING	€ EUROS
FF-OIL46/5L	ISO 46	5L	£8.75	€ 9.88
FF-OIL46/10L	ISO 46	10L	£18.38	€ 20.76
FF-OIL46/15L	ISO 46	15L	£26.25	€ 29.66
FF-OIL46/20L	ISO 46	20L	£34.65	€ 39.15
FF-OIL46/25L	ISO 46	25L	£43.05	€ 48.65
FF-OIL46/30L	ISO 46	30L	£51.45	€ 58.14
FF-OIL46/35L	ISO 46	35L	£60.38	€ 68.22
FF-OIL46/40L	ISO 46	40L	£69.30	€ 78.31
FF-OIL46/45L	ISO 46	45L	£81.90	€ 92.55
FF-OIL46/50L	ISO 46	50L	£86.10	€ 97.29
FF-OIL46/55L	ISO 46	55L	£95.03	€ 107.38
FF-OIL46/60L	ISO 46	60L	£103.95	€ 117.46
FF-OIL46/65L	ISO 46	65L	£112.35	€ 126.96
FF-OIL46/70L	ISO 46	70L	£120.75	€ 136.45
FF-OIL46/75L	ISO 46	75L	£129.68	€ 146.53
FF-OIL46/100L	ISO 46	100L	£162.75	€ 183.91
FF-OIL46/125L	ISO 46	125L	£204.75	€ 231.37
FF-OIL46/150L	ISO 46	150L	£244.65	€ 276.45
FF-OIL46/175L	ISO 46	175L	£270.38	€ 305.52
FF-OIL46205	ISO 46	205L	£330.75	€ 373.75

## FLOWFIT HYDRAULIC OIL, ISO 68



### Flowfit High Quality Virgin Hydraulic Oil ISO Grade 68

Designed to be used with all types of Hydraulic components and parts such as:

- AC Power Units
- DC Power Packs
- Hydraulic Tanks

- Cylinders
- Hydraulic Pumps
- Hydraulic Motors
- Hydraulic Hose
- ...Many More!

The amount of oil is made up from 5, 25 & 205 Litre Drums

**NEW  
PRODUCT**

ORDER CODE	TYPE	SIZE (LITRES)	NETT PRICE	
			£ STERLING	€ EUROS
FF-OIL68/5L	ISO 68	5L	£47.25	€ 53.39

## FLOWFIT HEAVY DUTY ENGINE 15W40 OIL



### Flowfit Heavy Duty Engine Oil 15w40 Oil

- Mercedes Benz MB 228.3
- Caterpillar ECF-1, 2
- MAN M 3275
- Renault RLD-1,2
- MTU Oil Category 2

- ACEA Light Duty A3/B4-10
- Volvo – HD Diesel VDS-3
- ACEA Heavy Duty E7-08
- MACK EO-N
- API Diesel CI
- Cummins CES 20071/72/76/77
- API Petrol SL

**NEW  
PRODUCT**

ORDER CODE	SIZE (LITRES)	NETT PRICE	
		£ STERLING	€ EUROS
FF-OIL15W40/25L	25L	£52.50	€ 59.33

## FLOWFIT GEAR OIL



### Flowfit Gear Oil, EP80W90

This oil is designed for use in synchronised & non-synchronised manual transmissions, axles and drive line components requiring API GL-5 Performance level.

- Universal Transmission Oil
- Extended Drain Capability
- Prevents Against Synchronmesh Wear
- Extends Equipment Life
- Excellent Gear Shifting
- Protects Against Gear Wear
- Stay-In Grade Shear Stability
- Prohibits Corrosion
- Protects Against Rust

### Flowfit ISO Grade Gear Oil

- Extreme Pressure Industrial Gear Oil
- UN Steel 224
- DIN 51517 part 3 CLP
- AGMA 250.04 (EP Gear Oils)
- Cincinatti Milacron P59/P63
- Ford M2C83-C
- Creusot Loise K/Ks

**NEW  
PRODUCT**



ORDER CODE	TYPE	SIZE (LITRES)	NETT PRICE	
			£ STERLING	€ EUROS
FF-OILEP/5L	EP80W90	5L	£23.63	€ 26.70
FF-OILEP/25L	EP80W90	25L	£63.00	€ 71.19
FF-OILGO220/5L	ISO 220	5L	£25.20	€ 28.48
FF-OILGO220/25L	ISO 220	25L	£43.31	€ 48.94
FF-OILGO320/5L	ISO 320	5L	£25.20	€ 28.48
FF-OILGO320/25L	ISO 320	25L	£47.25	€ 53.39
FF-OILGO460/5L	ISO 460	5L	£25.20	€ 28.48
FF-OILGO460/25L	ISO 460	25L	£47.25	€ 53.39
FF-OILGO460/208L	ISO 460	208L	£446.25	€ 504.26



## FLOWFIT HIGH PERFORMANCE CHAINSAW OIL

NEW  
PRODUCT

ORDER CODE	SIZE (LITRES)	NETT PRICE	
		£ STERLING	€ EUROS
FF-OILCS150/20L	20L	£42.00	€ 47.46



## FLOWFIT TRAFFIC FILM REMOVER

NEW  
PRODUCT

ORDER CODE	SIZE (LITRES)	NETT PRICE	
		£ STERLING	€ EUROS
FF-TFR/25L	25L	£31.50	€ 35.60



## FLOWFIT ANTI FREEZE

NEW  
PRODUCT

ORDER CODE	TYPE	SIZE (LITRES)	NETT PRICE	
			£ STERLING	€ EUROS
FF-AFN/25L	Anti Freeze Neat	25L	£78.75	€ 88.99
FF-AFCON/25L	Anti Freeze Concentrated	25L	£50.40	€ 56.95

# INDUSTRIAL CLEANING SUPPLIES

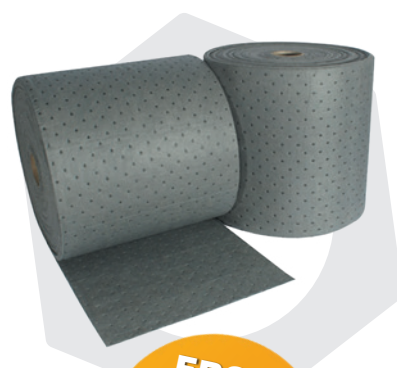
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STANDARD DIMPLE PAD	717
STANDARD DIMPLE ROLL	717
SPILL ABSORBENT SOCK	718
SUPERIOR OIL-ONLY SOCK	718



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## CARRY BAG SPILL KIT



PRODUCT REF	TYPE	ABSORBENCY PER PACK	NETT PRICE	
			£ STERLING	€ EUROS
SGK-30	GENERAL	30 LITRES	£37.75	€ 42.65
SOK-30	OIL ONLY	30 LITRES	£30.63	€ 34.61
SGK-50	GENERAL	50 LITRES	£61.48	€ 69.47
SOK-50	OIL ONLY	50 LITRES	£47.25	€ 53.39

### SGK-30 Kit Includes:

- 1 x Reusable carry bag
- 50 Metres of Barrier Tape
- 2 x Cable ties
- 2 x Disposable Sacks
- 2 x Pair of disposable Dura touch gloves
- 1 x Vented Safety Goggles
- 30 x General Purpose Dimple Pads
- 4 x 1.2 Metre General Purpose Socks

### SGK-50:

- 1 x Reusable carry bag
- 50 Metres of Barrier Tape
- 2 x Cable ties
- 2 x Disposable Sacks
- 2 x Pair of disposable Dura touch gloves
- 1 x Vented Safety Goggles
- 55 x General Purpose Dimple Pads
- 6 X 1.2 Metre General Purpose Socks

### SOK-30:

- Oil Only
- Absorbency Per Pack 30 Litres
- Spill Kit Contains:
- 1 X Reusable Carry Bag
- 50m of Barrier Tape
- 2 X Cable Ties
- 2 X Disposable Sacks
- 2 X Pair Disposal Dura-Touch Gloves
- 1 X Vented Safety Goggles
- 30 X Oil Only Dimple Pads
- 4 X 1.2M Oil Only Socks

### SOK-50:

- Carry Bag Spill Kit, 50 Litres
- Oil Only
- Absorbency Per Pack 50 Litres
- Spill Kit Contains:
- 1 X Reusable Carry Bag
- 50m of Barrier Tape
- 2 X Cable Ties
- 2 X Disposable Sacks
- 2 X Pair Disposal Dura-Touch Gloves
- 1 X Vented Safety Goggles
- 55 X Oil Only Dimple Pads
- 6 X 1.2M Oil Only Socks

NEW  
PRODUCT

NEW  
PRODUCT

## GENERAL PURPOSE REFILL KIT



PRODUCT REF	TYPE	ABSORBENCY PER PACK	NETT PRICE	
			£ STERLING	€ EUROS
SGK-30-REFILL	GENERAL	30 LITRES	£28.18	€ 31.85
SOK-30-REFILL	OIL ONLY	30 LITRES	£31.25	€ 35.31
SGK-50-REFILL	GENERAL	50 LITRES	£36.57	€ 41.33
SOK-50-REFILL	OIL ONLY	50 LITRES	£37.67	€ 42.57

## SUPERIOR OIL-ONLY SPILL KIT



PRODUCT REF	TYPE	ABSORBENCY PER PACK	NETT PRICE	
			£ STERLING	€ EUROS
24-1015	OIL ONLY	15 LITRES	£29.39	€ 33.21
24-1025	OIL ONLY	25 LITRES	£44.86	€ 50.69
24-1050	OIL ONLY	50 LITRES	£119.05	€ 134.53

### 24-1025 and 24-1015:

- Absorbs oil but repels water - ideal for Outside
- Small easy to carry kit, ideal for vehicles
- Contains Superior oil pads and socks for speed during a spill
- Ergonomically designed for comfortable carrying

### 24-1050:

- Complete Spill kit, designed to deal with the toughest spills
- Contains, absorbent Pads, and socks
- Disposal bags and ties included
- Absorbs and retains heavy industrial fluids
- Situated in a tough Vinyl Holdall

NEW  
PRODUCT

## FLOWFIT SPILL GRANULES



PRODUCT REF	SIZE	NETT PRICE	
		£ STERLING	€ EUROS
FFCG20	30 LITRES	£7.88	€ 8.90

- Mined and processed from 100% Natural Clay
- Absorbs oil, fuel and water based liquid
- Size: 20 Litres



## FLOWFIT ECO-SUSTAINABLE ABSORBENT COMPOUND



PRODUCT REF	SIZE	NETT PRICE	
		£ STERLING	€ EUROS
FFOG30	30 LITRES	£7.88	€ 8.90

- Industrial Spillage Absorbent
- Fire Retardant Compound
- Light Weight
- Absorbency 12L Per Bag
- 30L Bag



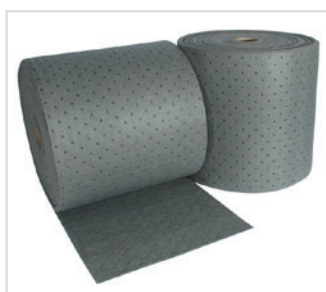
## STANDARD DIMPLE PAD, 200 PADS PER PACK



PRODUCT REF	TYPE	ABSORBENCY PER PACK	MEASUREMENTS	NETT PRICE	
				£ STERLING	€ EUROS
FFMS200	GENERAL PURPOSE	128 LITRE	40CM X 50CM	£85.06	€ 96.12
SOP-200	OIL ONLY	128 LITRE	40CM X 50CM	£64.97	€ 73.42
HDOP-100	OIL ONLY - HEAVY DUTY	108 LITRE	40CM X 50CM	£46.01	€ 51.99



## 2 X GENERAL PURPOSE STANDARD PERFORATED DIMPLE ROLL



PRODUCT REF	ABSORBENCY PER PACK	MEASUREMENTS	NETT PRICE	
			£ STERLING	€ EUROS
FFMR40	153 LITRE	40CM X 40 METRE	£106.29	€ 120.11



## GENERAL PURPOSE FOLDED PERFORATED DIMPLE ROLL, 18 METRE ROLLS PER PACK

 NEW  
PRODUCT


PRODUCT REF	TYPE	ABSORBENCY PER PACK	MEASUREMENTS	QTY	NETT PRICE	
					£ STERLING	€ EUROS
FGR-1-18	GENERAL	35 LITRE	11CM X 18 METRE	1	£34.22	€ 38.67
FFMMR15	GENERAL	105 LITRE	11CM X 18 METRE	3	£102.06	€ 115.33
FOR-1-18	OIL ONLY	35 LITRE	11CM X 18 METRE	1	£27.94	€ 31.57
FOR-3-18	OIL ONLY	105 LITRE	11CM X 18 METRE	3	£83.48	€ 94.33

 NEW  
PRODUCT

## SPILL ABSORBENT SOCK, 12 SOCKS PER PACK



PRODUCT REF	TYPE	ABSORBENCY PER PACK	MEASUREMENTS	NETT PRICE	
				£ STERLING	€ EUROS
SGS-12	GENERAL	35 LITRE	7.6CM X 120CM	£25.54	€ 28.86
SOS-12	OIL ONLY	51 LITRE	7.6CM X 120CM	£46.38	€ 52.41

 NEW  
PRODUCT

## SUPERIOR OIL-ONLY SOCK



PRODUCT REF	TYPE	MEASUREMENTS	NETT PRICE	
			£ STERLING	€ EUROS
75-3000	OIL ONLY	7.5CM X 120CM	£6.20	€ 7.00

1:8 TAPER PUMP CONNECTION .....	482
110V AC DOUBLE ACTING POWER UNITS.....	260
110V AC DOUBLE ACTING POWER UNITS.....	273
110V AC PRESSURE & TANK CIRCUIT POWER UNITS .....	256
110V AC PRESSURE & TANK CIRCUIT POWER UNITS .....	268
110V AC SINGLE ACTING POWER UNITS .....	258
110V AC SINGLE ACTING POWER UNITS .....	270
110V ELECTRIC MOTORS .....	369
120 RELIEF VALVE CARTRIDGES .....	137
12V AC DOUBLE ACTING POWER UNITS.....	272
12V AC PRESSURE & TANK CIRCUIT POWER UNITS .....	267
12V AC SINGLE ACTING POWER UNITS .....	270
12V DC COIL FOR LET DOWN VALVE .....	246
12V DC DOUBLE ACTING, DOUBLE SOLENOID VALVE POWER PACKS.....	238
12V DC DOUBLE ACTING, SOLENOID VALVE POWER PACKS .....	236
12V DC MOTOR WITH RELAY .....	246
12V DC SINGLE ACTING HYDRAULIC POWER PACKS .....	234
12V DC SINGLE ACTING TRAILER KITS.....	397
2 BUTTON DOUBLE ACTING 4 WIRE PENDANT .....	248
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240V AC DOUBLE ACTING POWER UNITS.....	260
240V AC DOUBLE ACTING POWER UNITS.....	273
240V AC PRESSURE & TANK CIRCUIT POWER UNITS .....	257
240V AC PRESSURE & TANK CIRCUIT POWER UNITS .....	268
240V AC SINGLE ACTING POWER UNITS .....	258
240V AC SINGLE ACTING POWER UNITS .....	271
240V MOTOR PUMP SETS .....	374
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24V AC PRESSURE & TANK CIRCUIT POWER UNITS .....	268
24V AC SINGLE ACTING POWER UNITS .....	270
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4 WAY DIVERTER VALVES .....	168
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415V AC DOUBLE ACTING POWER UNITS.....	261
415V AC DOUBLE ACTING POWER UNITS.....	274
415V AC PRESSURE & TANK CIRCUIT POWER UNITS .....	257
415V AC PRESSURE & TANK CIRCUIT POWER UNITS .....	268
415V AC SINGLE ACTING POWER UNITS .....	259
415V AC SINGLE ACTING POWER UNITS .....	271
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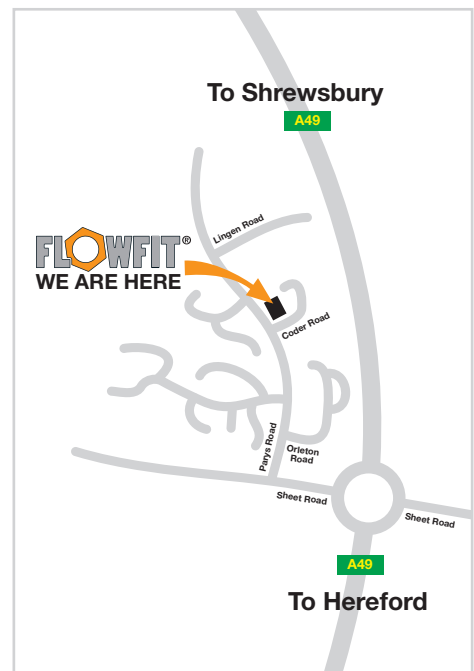
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