

PUSH IN FILLER BREATHER.....	534
SPIN-ON AIR BREATHER.....	534
AIR BREATHERS.....	534
PLASTIC HYDRAULIC THREADED AIR BREATHERS.....	534
STEEL HYDRAULIC THREADED AIR BREATHERS.....	534
LEVEL INDICATORS.....	535

ELECTRIC TYPE LEVEL INDICATORS.....	535
ELECTRIC LEVEL INDICATORS.....	535
SIMPLEX AND DUPLEX INDUSTRIAL FILTERS.....	540
SIGHT GLASSES.....	541
PLUGS.....	541
BREATHERS.....	541



FILTREC
Technical Filtration

IKRON®

FLOWFIT

PRESSURE FILTERS



IN LINE LOW PRESSURE FILTER HF625 SERIES

These filters are designed to be connected to any low pressure line up to 25bar of any hydraulic circuit.

ALUMINIUM HEAD • STEEL BOWL • BUNA SEALS • C/W VISUAL INDICATOR • FLOW RATING UP TO 85 L/MIN
MAX WORKING PRESSURE 25 BAR • TESTING PRESSURE 50 BAR • BURST PRESSURE 75 BAR
OPERATING TEMPERATURE WITH BUNA SEALS -30 +90(°C) WITH VITON SEALS -20 +110(°C)

	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
10 MICRON FIBREGLASS						
HF625.20.135-AS-FG010-B17-GE-B-XA-FP-D	HHE46540	3/4"	40	£179.70	HHC02800	£124.97
HF625-20.180-AS-FG010-B17-GE-B-XA-FP-D	HHE46655	3/4"	50	£203.98	HHC02905	£152.47
10 MICRON CELLULOSE						
HF625-20.135-AS-SP010-B17-GE-B-XA-FP-D	HHE46455	3/4"	50	£111.75	HHC02875	£48.94
HF625-20.180-AS-SP010-B17-GE-B-XA-FP-D	HHE46575	3/4"	60	£115.18	HHC02980	£60.21
25 MICRON FIBREGLASS						
HF625.20.135-AS-FG025-B17-GE-B-XA-FP-D	HHE46553	3/4"	40	£168.42	HHC02815	£112.07
HF625-20.180-AS-FG025-B17-GE-B-XA-FP-D	HHE46675	3/4"	50	£190.77	HHC02920	£137.48
25 MICRON CELLULOSE						
HF625.20.135-AS-SP025-B17-GE-B-XA-FP-D	HHE46475	3/4"	60	£111.75	HHC02890	£56.94
HF625-20.180-AS-SP025-B17-GE-B-XA-FP-D	HHE46595	3/4"	70	£114.58	HHC02995	£61.52



IN LINE MEDIUM PRESSURE FILTER HF650 SERIES

The filter HF650 is suitable for working pressure up to 35 bar.

ALUMINIUM HEAD • STEEL BOWL • BUNA SEALS • C/W VISUAL INDICATOR • FLOW RATING UP TO 140 L/MIN
MAX WORKING PRESSURE 35 BAR • TESTING PRESSURE 70 BAR • BURST PRESSURE 105 BAR
OPERATING TEMPERATURE WITH BUNA SEALS -30 +90(°C) WITH VITON SEALS -20 +110(°C)

	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
3 MICRON FIBREGLASS						
HF650-20.140-AS-FG003-B17-GE-B-XA-F	HHE73005	3/4"	50	£280.47	HHC02701	£120.80
HF650-20.140-AS-FG003-B17-GF-B-XA-F	HHE73010	1"	70	£280.47	HHC02701	£120.80
HF650-20.180-AS-FG003-B17-GE-B-XA-F	HHE70190	3/4"	85	£316.89	HHC02725	£160.60
HF650-20.180-AS-FG003-B17-GF-B-XA-F	HHE70195	1"	95	£316.89	HHC02725	£160.95
HF650-20.230-AS-FG003-B17-GE-B-XA-F	HHE78490	3/4"	100	£308.75	HHC02751	£169.20
HF650-20.230-AS-FG003-B17-GF-B-XA-F	HHE78500	1"	110	£334.66	HHC02751	£169.20
6 MICRON FIBREGLASS						
HF650-20.140-AS-FG006-B17-GE-B-XA-F	HHE72300	3/4"	60	£280.47	HHC02702	£120.80
HF650-20.140-AS-FG006-B17-GF-B-XA-F	HHE72320	1"	80	£280.47	HHC02702	£120.80
HF650-20.180-AS-FG006-B17-GE-B-XA-F	HHE70800	3/4"	95	£316.89	HHC02730	£160.60
HF650-20.180-AS-FG006-B17-GF-B-XA-F	HHE70815	1"	105	£316.89	HHC02730	£160.60
HF650-20.230-AS-FG006-B17-GE-B-XA-F	HHE79080	3/4"	110	£310.37	HHC02752	£157.79
HF650-20.230-AS-FG006-B17-GF-B-XA-F	HHE79100	1"	120	£324.77	HHC02752	£157.79
10 MICRON FIBREGLASS						
HF650-20.140-AS-FG010-B17-GE-B-XA-F	HHE72409	3/4"	70	£258.92	HHC02703	£97.42
HF650-20.140-AS-FG010-B17-GF-B-XA-F	HHE72560	1"	90	£258.92	HHC02703	£97.42
HF650-20.180-AS-FG010-B17-GE-B-XA-F	HHE75802	3/4"	100	£292.76	HHC02727	£134.33
HF650-20.180-AS-FG010-B17-GF-B-XA-F	HHE70303	1"	110	£292.76	HHC02727	£134.33
HF650-20.230-AS-FG010-B17-GE-B-XA-F	HHE82010	3/4"	120	£299.34	HHC02753	£145.01
HF650-20.230-AS-FG010-B17-GF-B-XA-F	HHE79820	1"	130	£299.34	HHC02753	£145.01
16 MICRON FIBREGLASS						
HF650-20.140-AS-FG016-B17-GE-B-XA-F	HHE73035	3/4"	75	£256.62	HHC02704	£94.92
HF650-20.140-AS-FG016-B17-GF-B-XA-F	HHE73036	1"	95	£256.62	HHC02704	£94.92
HF650-20.180-AS-FG016-B17-GE-B-XA-F	HHE76650	3/4"	105	£262.12	HHC02728	£100.91
HF650-20.180-AS-FG016-B17-GF-B-XA-F	HHE76620	1"	115	£262.12	HHC02728	£100.91
HF650-20.230-AS-FG016-B17-GE-B-XA-F	HHE80010	3/4"	125	£296.70	HHC02754	£141.97
HF650-20.230-AS-FG016-B17-GF-B-XA-F	HHE80020	1"	135	£296.70	HHC02754	£141.97
25 MICRON FIBREGLASS						
HF650-20.140-AS-FG025-B17-GE-B-XA-F	HHE73045	3/4"	80	£251.14	HHC02705	£88.96
HF650-20.140-AS-FG025-B17-GF-B-XA-F	HHE73050	1"	100	£251.14	HHC02705	£88.96
HF650-20.180-AS-FG025-B17-GE-B-XA-F	HHE76650	3/4"	110	£279.33	HHC02729	£119.62
HF650-20.180-AS-FG025-B17-GF-B-XA-F	HHE76755	1"	120	£279.33	HHC02729	£119.62
HF650-20.230-AS-FG025-B17-GE-B-XA-F	HHE80250	3/4"	130	£308.22	HHC02755	£138.61
HF650-20.230-AS-FG025-B17-GF-B-XA-F	HHE81250	1"	140	£308.22	HHC02755	£138.61
10 MICRON REINFORCED CELLULOSE						
HF650-20.140-AS-RP010-B17-GE-B-XA-F	HHE70360	3/4"	65	£225.47	HHC02706	£60.97
HF650-20.140-AS-RP010-B17-GF-B-XA-F	HHE70495	1"	85	£225.47	HHC02706	£60.97
HF650-20.180-AS-RP010-B17-GE-B-XA-F	HHE77341	3/4"	100	£244.51	HHC02731	£81.70
HF650-20.180-AS-RP010-B17-GF-B-XA-F	HHE77345	1"	105	£363.23	HHC02731	£81.70
HF650-20.230-AS-RP010-B17-GE-B-XA-F	HHE81390	3/4"	105	£272.59	HHC02756	£114.17
HF650-20.230-AS-RP010-B17-GF-B-XA-F	HHE81405	1"	110	£272.59	HHC02756	£113.76
25 MICRON REINFORCED CELLULOSE						
HF650-20.140-AS-RP025-B17-GE-B-XA-F	HHE74200	3/4"	80	£225.47	HHC02707	£60.97
HF650-20.140-AS-RP025-B17-GF-B-XA-F	HHE74220	1"	100	£225.47	HHC02707	£60.97
HF650-20.180-AS-RP025-B17-GE-B-XA-F	HHE81551	3/4"	110	£244.51	HHC02732	£81.70

CONTINUED ON NEXT PAGE



IN LINE MEDIUM PRESSURE FILTER HF650 SERIES

	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
25 MICRON REINFORCED CELLULOSE						
HF650-20.180-AS-RP025-B17-GF-B-XA-F	HHE81559	1"	120	£244.51	HHC02732	£81.70
HF650-20.230-AS-RP025-B17-GE-B-XA-F	HHE81490	3/4"	130	£272.59	HHC02757	£114.17
HF650-20.230-AS-RP025-B17-GF-B-XA-F	HHE81500	1"	140	£272.59	HHC02757	£114.17



IN LINE MEDIUM PRESSURE FILTER HF690 SERIES

These in line medium pressure filters are specifically designed to be connected on the pressure line of the hydraulic circuit and provide versatility to safeguard the circuit components from contaminating particles.

ALUMINIUM HEAD • ALUMINIUM BOWL • BUNA SEALS • FLOW RANGE 10-80L/MIN • MAX WORKING PRESSURE 110 BAR
TESTING PRESSURE 160 BAR • BURST PRESSURE 330 BAR • OPERATING TEMPERATURE WITH BUNA SEALS -20 +80(°C)
WITH VITON SEALS -20 +110(°C) • WITH FLUID (HH-HL-HM-HR-HV-HG) AND WATER EMULSION (HFAE-HFAS) USE BUNA SEALS, WITH SYNTHETIC FLUID (HS-HFDR-HFDU-HFDS) USE VITON SEALS



	HHI03070 HI25-I16-B50-TF-B-SI J' VISUAL DIFFERENTIAL INDICATOR £90.10
	HHI03075 HI25-I17-B50-TF-B-SI T' VISUAL ELECTRICAL INDICATOR £97.17

	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
3 MICRON FIBREGLASS						
HF690-10.086-AS-FG003-B60-GD-B-XA-J	HHP20025	1/2"	10	£246.05	HHC46010	£57.46
HF690-10.180-AS-FG003-B60-GD-B-XA-J	HHP20520	1/2"	30	£265.27	HHC46050	£68.97
6 MICRON FIBREGLASS						
HF690-10.086-AS-FG006-B60-GD-B-XA-J	HHP20035	1/2"	15	£245.67	HHC46011	£54.98
HF690-10.180-AS-FG006-B60-GD-B-XA-J	HHP20535	1/2"	45	£262.57	HHC46051	£65.97
10 MICRON FIBREGLASS						
HF690-10.086-AS-FG010-B60-GD-B-XA-J	HHP20065	1/2"	25	£236.86	HHC46012	£47.49
HF690-10.180-AS-FG010-B60-GD-B-XA-J	HHP20565	1/2"	60	£254.29	HHC46052	£56.98
10 MICRON REINFORCED CELLULOSE						
HF690-10.086-AS-RP010-B60-GD-B-XA-J	HHP20155	1/2"	30	£216.81	HHC46015	£40.52
HF690-10.180-AS-RP010-B60-GD-B-XA-J	HHP20655	1/2"	65	£233.53	HHC46055	£38.40
25 MICRON FIBREGLASS						
HF690-10.086-AS-FG025-B60-GD-B-XA-J	HHP20099	1/2"	40	£230.00	HHC46013	£39.99
HF690-10.180-AS-FG025-B60-GD-B-XA-J	HHP20599	1/2"	75	£247.38	HHC46053	£47.53
25 MICRON REINFORCED CELLULOSE						
HF690-10.086-AS-RP025-B60-GD-B-XA-J	HHP20185	1/2"	40	£243.76	HHC46016	£54.98
HF690-10.180-AS-RP025-B60-GD-B-XA-J	HHP20685	1/2"	75	£262.57	HHC46056	£65.97
60 MICRON STAINLESS STEEL						
HF690-10.086-AS-MI060-B60-GD-B-XA-J	HHP20200	1/2"	45	£238.00	HHC46014	£48.72
HF690-10.180-AS-MI060-B60-GD-B-XA-J	HHP20621	1/2"	80	£255.69	HHC46054	£58.48



IN LINE MEDIUM PRESSURE FILTER HF745 SERIES

The filter HF745 is suitable for working pressure up to 280 bar.

CAST IRON HEAD • STEEL BOWL • BUNA SEALS • C/W VISUAL INDICATOR • FLOW RATING UP TO 90 L/MIN
MAX WORKING PRESSURE 280 BAR • TESTING PRESSURE 420 BAR • BURST PRESSURE 560 BAR
OPERATING TEMPERATURE WITH BUNA SEALS -30 +90(°C) WITH VITON SEALS -20 +110(°C)



	HHI02030 HI25-I11-B50-GD-B-SS H' VISUAL DIFFERENTIAL INDICATOR £107.76
	HHI02050 HI25-I12-B50-GD-B-SS VISUAL ELECTRICAL DIFFERENTIAL INDICATOR £150.17
	HHI02065 HI25-I13-B50-GD-B-SS U' VISUAL DIFFERENTIAL INDICATOR £166.07

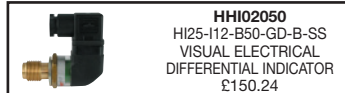
	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
3 MICRON FIBREGLASS						
HF745-20.080-AS-FG003-LC-B60-GD-B-XA-H-F2	HHP50105	1/2"	25	£332.39	HHC01900	£71.42
HF745-20.106-AS-FG003-LC-B60-GD-B-XA-H-F2	HHP51175	1/2"	30	£353.81	HHC01904	£81.30
HF745-20.203-AS-FG003-LC-B60-GD-B-XA-H-F2	HHP52190	1/2"	50	£422.80	HHC00121	£23.10
HF745-20.080-AS-FG003-LC-B60-GE-B-XA-H-F2	HHP50160	3/4"	25	£332.39	HHC01900	£71.42
HF745-20.106-AS-FG003-LC-B60-GE-B-XA-H-F2	HHP51442	3/4"	30	£348.53	HHC01904	£81.21
HF745-20.203-AS-FG003-LC-B60-GE-B-XA-H-F2	HHP52205	3/4"	55	£422.80	HHC00121	£131.10
6 MICRON FIBREGLASS						
HF745-20.080-AS-FG006-LC-B60-GD-B-XA-H-F2	HHP50225	1/2"	30	£332.39	HHC01901	£71.32
HF745-20.106-AS-FG006-LC-B60-GD-B-XA-H-F2	HHP51215	1/2"	40	£353.81	HHC01905	£80.60
HF745-20.203-AS-FG006-LC-B60-GD-B-XA-H-F2	HHP52270	1/2"	55	£422.48	HHC00122	£131.10
HF745-20.080-AS-FG006-LC-B60-GE-B-XA-H-F2	HHP50672	3/4"	35	£332.39	HHC01901	£71.32
HF745-20.106-AS-FG006-LC-B60-GE-B-XA-H-F2	HHP51390	3/4"	40	£353.81	HHC01905	£80.59
HF745-20.203-AS-FG006-LC-B60-GE-B-XA-H-F2	HHP52283	3/4"	60	£422.80	HHC00122	£131.10
10 MICRON FIBREGLASS						
HF745-20.080-AS-FG010-LC-B60-GD-B-XA-H-F2	HHP50425	1/2"	35	£309.93	HHC01902	£42.25
HF745-20.106-AS-FG010-LC-B60-GD-B-XA-H-F2	HHP51412	1/2"	45	£330.97	HHC01906	£47.09
HF745-20.203-AS-FG010-LC-B60-GD-B-XA-H-F2	HHP52423	1/2"	60	£386.05	HHC01910	£70.28
HF745-20.080-AS-FG010-LC-B60-GE-B-XA-H-F2	HHP50500	3/4"	40	£309.93	HHC01902	£42.25
HF745-20.106-AS-FG010-LC-B60-GE-B-XA-H-F2	HHP51455	3/4"	50	£330.97	HHC01906	£47.09
HF745-20.203-AS-FG010-LC-B60-GE-B-XA-H-F2	HHP52472	3/4"	70	£386.05	HHC01910	£70.05
25 MICRON FIBREGLASS						
HF745-20.080-AS-FG025-LC-B60-GD-B-XA-H-F2	HHP50625	1/2"	45	£336.23	HHC01903	£36.07
HF745-20.106-AS-FG025-LC-B60-GD-B-XA-H-F2	HHP51625	1/2"	60	£320.54	HHC01907	£39.11
HF745-20.203-AS-FG025-LC-B60-GD-B-XA-H-F2	HHP51624	1/2"	80	£368.64	HHC01911	£57.27
HF745-20.080-AS-FG025-LC-B60-GE-B-XA-H-F2	HHP50674	3/4"	50	£336.23	HHC01903	£36.12
HF745-20.106-AS-FG025-LC-B60-GE-B-XA-H-F2	HHP51623	3/4"	70	£320.54	HHC01907	£39.11
HF745-20.203-AS-FG025-LC-B60-GE-B-XA-H-F2	HHP52674	3/4"	90	£368.64	HHC01911	£57.27



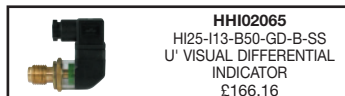
UP TO
320
BAR



HHI02030
HI25-111-B50-GD-B-SS
H' VISUAL DIFFERENTIAL
INDICATOR
£107.82



HHI02050
HI25-112-B50-GD-B-SS
VISUAL ELECTRICAL
DIFFERENTIAL INDICATOR
£150.24



HHI02065
HI25-113-B50-GD-B-SS
U' VISUAL DIFFERENTIAL
INDICATOR
£166.16

IN LINE HIGH PRESSURE MANIFOLD MOUNTED FILTER HF735 SERIES

The filter HF735 is suitable for working pressure up to 320 bar.

CAST IRON HEAD • STEEL BOWL • BUNA SEALS • C/W VISUAL INDICATOR • FLOW RATING UP TO 180 L/MIN
MAX WORKING PRESSURE 320 BAR • TESTING PRESSURE 480 BAR • BURST PRESSURE 640 BAR
OPERATING TEMPERATURE WITH BUNA SEALS -30 +90(°C) WITH VITON SEALS -20 +110(°C)

	ORDER CODE	FLOW	PRICE	ELEMENT	PRICE
3 MICRON FIBREGLASS					
HF735-20.080-AS-FG003-LC-B60-B-XA-H	HHP40105	25	£320.32	HHC01900	£75.71
HF735-20.106-AS-FG003-LC-B60-B-XA-H	HHP41001	30	£346.98	HHC01904	£86.18
HF735-20.203-AS-FG003-LC-B60-B-XA-H	HHP41805	50	£404.69	HHC01908	£126.60
HF735-30.115-AS-FG003-LC-B60-B-XA-H	HHP45005	50	£487.15	HHC01912	£106.58
HF735-30.223-AS-FG003-LC-B60-B-XA-H	HHP45701	100	£527.34	HHC01916	£146.09
6 MICRON FIBREGLASS					
HF735-20.080-AS-FG006-LC-B60-B-XA-H	HHP40146	30	£320.32	HHC01901	£75.60
HF735-20.106-AS-FG006-LC-B60-B-XA-H	HHP41015	40	£346.98	HHC01905	£85.44
HF735-20.203-AS-FG006-LC-B60-B-XA-H	HHP41825	55	£404.69	HHC01909	£125.95
HF735-30.115-AS-FG006-LC-B60-B-XA-H	HHP45025	60	£483.54	HHC01913	£106.02
HF735-30.223-AS-FG006-LC-B60-B-XA-H	HHP45711	110	£522.65	HHC01917	£145.74
10 MICRON FIBREGLASS					
HF735-20.080-AS-FG010-LC-B60-B-XA-H	HHP40213	35	£297.97	HHC01902	£42.25
HF735-20.106-AS-FG010-LC-B60-B-XA-H	HHP42600	45	£321.49	HHC01906	£47.11
HF735-20.203-AS-FG010-LC-B60-B-XA-H	HHP41881	60	£367.94	HHC01910	£70.05
HF735-30.115-AS-FG010-LC-B60-B-XA-H	HHP45045	80	£472.04	HHC01914	£58.97
HF735-30.223-AS-FG010-LC-B60-B-XA-H	HHP45719	140	£507.03	HHC01918	£81.26
25 MICRON FIBREGLASS					
HF735-20.080-AS-FG025-LC-B60-B-XA-H	HHP40273	45	£291.44	HHC01903	£38.28
HF735-20.106-AS-FG025-LC-B60-B-XA-H	HHP41113	60	£313.68	HHC01907	£41.46
HF735-20.203-AS-FG025-LC-B60-B-XA-H	HHP41879	80	£350.53	HHC01911	£60.71
HF735-30.115-AS-FG025-LC-B60-B-XA-H	HHP45065	100	£461.40	HHC01915	£71.35
HF735-30.223-AS-FG025-LC-B60-B-XA-H	HHP46007	180	£493.99	HHC01919	£72.50



UP TO
350
BAR

IN LINE HIGH PRESSURE CETOP 3 MOUNTED FILTER HF725 SERIES

The high pressure filter HF725 series are characterised by a direct and Cetop 3 connections, Modular Assembly, Compact Design and Low Weight.

CAST IRON HEAD • STEEL C45 BOWL • BUNA SEALS • C/W VISUAL INDICATOR • FLOW RATING UP TO 40 L/MIN
MAX WORKING PRESSURE 350 BAR • TESTING PRESSURE 475 BAR • BURST PRESSURE 600 BAR
OPERATING TEMPERATURE WITH BUNA SEALS -30 +90(°C) WITH VITON SEALS -20 +110(°C)

	ORDER CODE	FLOW	PRICE	ELEMENT	PRICE
3 MICRON FIBREGLASS					
HF725-10.100-FG003-HC-B00-B-XD-H-A	HHP39410	15	£553.74	HHC46026	£179.15
6 MICRON FIBREGLASS					
HF725-10.100-FG006-HC-B00-B-XD-H-A	HHP39454	20	£553.74	HHC46028	£179.15
10 MICRON FIBREGLASS					
HF725-10.100-FG010-HC-B00-B-XD-H-A	HHP39500	30	£532.34	HHC46030	£155.79
25 MICRON FIBREGLASS					
HF725-10.100-FG025-HC-B00-B-XD-H-A	HHP39554	40	£507.20	HHC46032	£128.38



UP TO
350
BAR

IN LINE MINI HIGH PRESSURE FILTER HF705 SERIES

The in line high pressure filter HF705 series are specifically designed to be connected on the pressure line of the hydraulic circuit and provide versatility to safeguard the circuit components from contaminating particles.

ALUMINIUM GALVANISED BODY • SINTERED BRONZE FILTER MEDIA • BUNA SEALS • FLOW RANGE 10-50L/MIN
MAX WORKING PRESSURE 350 BAR • TESTING PRESSURE 500 BAR • BURST PRESSURE 800 BAR
OPERATING TEMPERATURE WITH BUNA SEALS -30 +90(°C) WITH VITON SEALS -20 +110(°C)

	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
10 MICRON SINTERED BRONZE						
HF705-10.040-T-SB010-GB-B	HHQ00023	1/4"	15	£88.86	HHC03050	£39.60
HF705-10.040-T-SB010-GC-B	HHQ00020	3/8"	20	£88.86	HHC03050	£39.60
HF705-10.040-T-SB010-GD-B	HHQ00046	1/2"	25	£88.86	HHC03050	£39.60
25 MICRON SINTERED BRONZE						
HF705-10.040-T-SB025-GB-B	HHQ00031	1/4"	25	£88.86	HHC03051	£39.60
HF705-10.040-T-SB025-GC-B	HHQ00035	3/8"	30	£88.86	HHC03051	£39.60
HF705-10.040-T-SB025-GD-B	HHQ00039	1/2"	35	£88.86	HHC03051	£39.60
40 MICRON SINTERED BRONZE						
HF705-10.040-T-SB040-GB-B	HHQ00032	1/4"	30	£88.86	HHC03052	£39.60
HF705-10.040-T-SB040-GC-B	HHQ00036	3/8"	40	£88.86	HHC03052	£39.60
HF705-10.040-T-SB040-GD-B	HHQ00040	1/2"	45	£88.86	HHC03052	£39.60
60 MICRON SINTERED BRONZE						
HF705-10.040-T-SB060-GB-B	HHQ00033	1/4"	35	£88.86	HHC03053	£39.60
HF705-10.040-T-SB060-GC-B	HHQ00037	3/8"	45	£88.86	HHC03053	£39.60
HF705-10.040-T-SB060-GD-B	HHQ00041	1/2"	50	£88.86	HHC03053	£39.60



HIGH-PRESSURE FILTERS HF760 SERIES

Inline High Pressure filters series 760 are designed to be connected on the pressure line of the hydraulic circuit.

CAST IRON BODY GS 450-10 UNI 1801083 • BOWL: EXTRUDED STEEL • SEALS: BUNA
FLOW RANGE: 30-450 L/MIN • MAX WORKING PRESSURE: 420 BAR • OPERATING TEMPERATURE -30 +90°C
C/W BYPASS SET AT 6 BAR • C/W VISUAL DIFFERENTIAL INDICATOR



OPTIONS AVAILABLE UPON REQUEST

- 3 MICRON GLASSFIBRE
- 6 MICRON GLASSFIBRE
- 210 BAR ELEMENT COLLAPSE PRESSURE RATING
- METRIC/NPT PORTS
- VITON SEALS
- ELECTRICAL DIFFERENTIAL INDICATOR
- VISUAL ELECTRICAL DIFFERENTIAL INDICATOR
- ELECTRICAL INDICATOR WITH THERMOSTAT
- VISUAL ELECTRICAL DIFFERENTIAL INDICATOR WITH THERMOSTAT

	HHI02030 HI25-I11-B50-GD-B-SS H° VISUAL DIFFERENTIAL INDICATOR £107.82
	HHI02050 HI25-I12-B50-GD-B-SS VISUAL ELECTRICAL DIFFERENTIAL INDICATOR £150.24
	HHI02065 HI25-I13-B50-GD-B-SS U° VISUAL DIFFERENTIAL INDICATOR £166.16

	ORDER CODE	PORTS	MAX PRESS. BAR	FLOW	PRICE	ELEMENT	PRICE
3 MICRON FIBREGLASS							
HF760-20.080-AS-FG003-LC-B60-GD-B-XA-H	HHP02012	1/2"	420	25	£369.53	HHC01900	£75.71
HF760-20.080-AS-FG003-LC-B60-GE-B-XA-H	HHP02019	3/4"	420	25	£369.53	HHC01900	£75.71
HF760-20.106-AS-FG003-LC-B60-GD-B-XA-H	HHP02070	1/2"	420	30	£386.24	HHC01904	£86.18
HF760-20.106-AS-FG003-LC-B60-GE-B-XA-H	HHP02061	3/4"	420	30	£384.00	HHC01904	£126.48
HF760-20.203-AS-FG003-LC-B60-GD-B-XA-H	HHP03106	1/2"	420	50	£427.29	HHC01908	£126.48
HF760-20.203-AS-FG003-LC-B60-GE-B-XA-H	HHP03119	3/4"	420	55	£427.29	HHC01908	£106.58
HF760-30.115-AS-FG003-LC-B60-GE-B-XA-H	HHP03116	3/4"	420	55	£397.09	HHC01912	£106.58
HF760-30.115-AS-FG003-LC-B60-GF-B-XA-H	HHP03169	1"	420	60	£514.90	HHC01912	£146.09
HF760-30.223-AS-FG003-LC-B60-GE-B-XA-H	HHP03236	3/4"	420	90	£556.77	HHC01916	£146.09
HF760-30.223-AS-FG003-LC-B60-GF-B-XA-H	HHP03131	1"	420	100	£559.08	HHC01916	£151.99
HF760-40.102-AS-FG003-LC-B60-GF-B-XA-H	HHP03525	1"	280	105	£690.36	HHC01940	£151.99
HF760-40.102-AS-FG003-LC-B60-GG-B-XA-H	HHP03545	1 1/4"	280	105	£690.36	HHC01940	£151.99
HF760-40.102-AS-FG003-LC-B60-GH-B-XA-H	HHP03565	1 1/2"	280	110	£690.36	HHC01940	£151.99
HF760-40.132-AS-FG003-LC-B60-GF-B-XA-H	HHP03805	1"	280	125	£704.24	HHC01928	£168.47
HF760-40.132-AS-FG003-LC-B60-GG-B-XA-H	HHP03943	1 1/4"	280	140	£704.24	HHC01928	£168.47
HF760-40.132-AS-FG003-LC-B60-GH-B-XA-H	HHP03845	1 1/2"	280	140	£704.24	HHC01928	£168.47
HF760-40.227-AS-FG003-LC-B60-GF-B-XA-H	HHP04118	1"	280	200	£832.74	HHC01920	£252.45
HF760-40.227-AS-FG003-LC-B60-GG-B-XA-H	HHP04121	1 1/4"	280	210	£821.77	HHC01920	£252.45
HF760-40.227-AS-FG003-LC-B60-GH-B-XA-H	HHP04103	1 1/2"	280	225	£757.01	HHC01920	£252.45
HF760-40.372-AS-FG003-LC-B60-GF-B-XA-H	HHP04211	1"	280	250	£975.20	HHC01924	£375.05
HF760-40.372-AS-FG003-LC-B60-GG-B-XA-H	HHP04221	1 1/4"	280	260	£975.20	HHC01924	£375.05
HF760-40.372-AS-FG003-LC-B60-GH-B-XA-H	HHP04264	1 1/2"	280	270	£975.20	HHC01924	£375.05
6 MICRON FIBREGLASS							
HF760-20.080-AS-FG006-LC-B60-GD-B-XA-H	HHP02022	1/2"	420	30	£364.91	HHC01901	£75.60
HF760-20.080-AS-FG006-LC-B60-GE-B-XA-H	HHP02026	3/4"	420	35	£364.87	HHC01901	£75.60
HF760-20.106-AS-FG006-LC-B60-GD-B-XA-H	HHP02056	1/2"	420	40	£380.85	HHC01905	£85.44
HF760-20.106-AS-FG006-LC-B60-GE-B-XA-H	HHP02085	3/4"	420	40	£380.77	HHC01905	£85.44
HF760-20.203-AS-FG006-LC-B60-GD-B-XA-H	HHP03201	1/2"	420	55	£423.16	HHC01909	£125.95
HF760-20.203-AS-FG006-LC-B60-GE-B-XA-H	HHP02970	3/4"	420	60	£423.16	HHC01909	£125.95
HF760-30.115-AS-FG006-LC-B60-GE-B-XA-H	HHP03137	3/4"	420	60	£513.46	HHC01913	£106.02
HF760-30.115-AS-FG006-LC-B60-GF-B-XA-H	HHP03171	1"	420	65	£511.22	HHC01913	£106.02
HF760-30.223-AS-FG006-LC-B60-GE-B-XA-H	HHP03242	3/4"	420	100	£552.10	HHC01917	£145.74
HF760-30.223-AS-FG006-LC-B60-GF-B-XA-H	HHP03140	1"	420	110	£460.39	HHC01917	£145.74
HF760-40.102-AS-FG006-LC-B60-GF-B-XA-H	HHP03582	1"	280	120	£688.30	HHC01941	£155.72
HF760-40.102-AS-FG006-LC-B60-GG-B-XA-H	HHP03605	1 1/4"	280	120	£688.30	HHC01941	£155.72
HF760-40.102-AS-FG006-LC-B60-GH-B-XA-H	HHP03625	1 1/2"	280	125	£688.30	HHC01941	£155.72
HF760-40.132-AS-FG006-LC-B60-GF-B-XA-H	HHP03865	1"	280	140	£702.58	HHC01929	£172.55
HF760-40.132-AS-FG006-LC-B60-GG-B-XA-H	HHP04071	1 1/4"	280	160	£702.58	HHC01929	£172.55
HF760-40.132-AS-FG006-LC-B60-GH-B-XA-H	HHP03905	1 1/2"	280	160	£702.58	HHC01929	£172.55
HF760-40.227-AS-FG006-LC-B60-GF-B-XA-H	HHP04131	1"	280	210	£828.55	HHC01920	£257.56
HF760-40.227-AS-FG006-LC-B60-GG-B-XA-H	HHP04141	1 1/4"	280	225	£828.55	HHC01920	£257.56
HF760-40.227-AS-FG006-LC-B60-GH-B-XA-H	HHP04109	1 1/2"	280	250	£788.03	HHC01920	£257.56
HF760-40.372-AS-FG006-LC-B60-GF-B-XA-H	HHP04231	1"	280	260	£969.70	HHC01925	£383.95
HF760-40.372-AS-FG006-LC-B60-GG-B-XA-H	HHP04241	1 1/4"	280	275	£969.70	HHC01925	£383.95
HF760-40.372-AS-FG006-LC-B60-GH-B-XA-H	HHP04203	1 1/2"	280	290	£969.70	HHC01925	£383.95
10 MICRON FIBREGLASS							
HF760-20.080-AS-FG010-LC-B60-GD-B-XA-H	HHP02037	1/2"	420	35	£338.86	HHC01902	£44.79
HF760-20.080-AS-FG010-LC-B60-GE-B-XA-H	HHP02033	3/4"	420	40	£338.86	HHC01902	£44.79
HF760-20.106-AS-FG010-LC-B60-GD-B-XA-H	HHP02050	1/2"	420	45	£352.32	HHC01906	£49.94
HF760-20.106-AS-FG010-LC-B60-GE-B-XA-H	HHP02103	3/4"	420	50	£352.32	HHC01906	£49.94
HF760-20.203-AS-FG010-LC-B60-GD-B-XA-H	HHP03117	1/2"	420	60	£388.74	HHC01910	£74.25
HF760-20.203-AS-FG010-LC-B60-GE-B-XA-H	HHP03121	3/4"	420	70	£388.74	HHC01910	£74.25
HF760-30.115-AS-FG010-LC-B60-GE-B-XA-H	HHP03141	3/4"	420	70	£474.49	HHC01914	£62.51
HF760-30.115-AS-FG010-LC-B60-GF-B-XA-H	HHP03138	1"	420	75	£474.49	HHC01914	£62.51
HF760-30.223-AS-FG010-LC-B60-GE-B-XA-H	HHP03251	3/4"	420	120	£509.31	HHC01918	£85.56
HF760-30.223-AS-FG010-LC-B60-GF-B-XA-H	HHP03139	1"	420	130	£507.96	HHC01918	£85.56
HF760-40.102-AS-FG010-LC-B60-GF-B-XA-H	HHP03641	1"	280	140	£641.98	HHC01942	£94.42
HF760-40.102-AS-FG010-LC-B60-GG-B-XA-H	HHP03662	1 1/4"	280	150	£639.73	HHC01942	£94.42
HF760-40.102-AS-FG010-LC-B60-GH-B-XA-H	HHP03682	1 1/2"	280	150	£641.98	HHC01942	£94.42
HF760-40.132-AS-FG010-LC-B60-GF-B-XA-H	HHP03918	1"	280	170	£654.16	HHC01930	£104.75
HF760-40.132-AS-FG010-LC-B60-GG-B-XA-H	HHP03941	1 1/4"	280	190	£652.01	HHC01930	£104.75
HF760-40.132-AS-FG010-LC-B60-GH-B-XA-H	HHP03959	1 1/2"	280	200	£652.01	HHC01930	£104.75
HF760-40.227-AS-FG010-LC-B60-GF-B-XA-H	HHP04151	1"	280	240	£754.79	HHC01922	£151.63
HF760-40.227-AS-FG010-LC-B60-GG-B-XA-H	HHP04161	1 1/4"	280	260	£752.61	HHC01922	£151.63
HF760-40.227-AS-FG010-LC-B60-GH-B-XA-H	HHP04098	1 1/2"	280	280	£752.61	HHC01922	£151.63
HF760-40.372-AS-FG010-LC-B60-GF-B-XA-H	HHP04252	1"	280	280	£872.93	HHC01926	£227.01
HF760-40.372-AS-FG010-LC-B60-GG-B-XA-H	HHP04267	1 1/4"	280	310	£872.93	HHC01926	£227.01
HF760-40.372-AS-FG010-LC-B60-GH-B-XA-H	HHP04263	1 1/2"	280	320	£872.93	HHC01926	£227.01
HF760-40.517-AS-FG010-LC-B60-GH-B-XA-H	HHP05850	1 1/2"	280	375	£1254.62	HHC01964	£294.81
25 MICRON FIBREGLASS – PLEASE SEE NEXT PAGE							



UP TO
420
BAR

HIGH-PRESSURE FILTERS HF760 SERIES

	ORDER CODE	PORTS	MAX PRESS. BAR	FLOW	PRICE	ELEMENT	PRICE
25 MICRON FIBREGLASS							
HF760-20.080-AS-FG025-LC-B60-GD-B-XA-H	HHP02041	1/2"	420	45	£332.90	HHC01903	£33.95
HF760-20.080-AS-FG025-LC-B60-GE-B-XA-H	HHP02032	3/4"	420	50	£335.04	HHC01903	£33.95
HF760-20.106-AS-FG025-LC-B60-GD-B-XA-H	HHP02075	1/2"	420	60	£344.65	HHC01907	£41.46
HF760-20.106-AS-FG025-LC-B60-GE-B-XA-H	HHP02198	3/4"	420	70	£344.65	HHC01907	£41.46
HF760-20.203-AS-FG025-LC-B60-GD-B-XA-H	HHP03114	1/2"	420	80	£376.38	HHC01911	£60.71
HF760-20.203-AS-FG025-LC-B60-GE-B-XA-H	HHP03118	3/4"	420	90	£376.38	HHC01911	£60.71
HF760-30.115-AS-FG025-LC-B60-GE-B-XA-H	HHP03147	3/4"	420	90	£463.36	HHC01915	£51.33
HF760-30.115-AS-FG025-LC-B60-GF-B-XA-H	HHP03144	1"	420	100	£463.36	HHC01915	£51.33
HF760-30.223-AS-FG025-LC-B60-GE-B-XA-H	HHP03262	3/4"	420	130	£495.88	HHC01919	£72.50
HF760-30.223-AS-FG025-LC-B60-GF-B-XA-H	HHP03167	1"	420	150	£495.88	HHC01919	£72.50
HF760-40.102-AS-FG025-LC-B60-GF-B-XA-H	HHP03701	1"	280	170	£629.29	HHC01943	£82.91
HF760-40.102-AS-FG025-LC-B60-GG-B-XA-H	HHP03721	1 1/4"	280	190	£629.29	HHC01943	£82.91
HF760-40.102-AS-FG025-LC-B60-GH-B-XA-H	HHP03742	1 1/2"	280	200	£629.29	HHC01943	£82.91
HF760-40.132-AS-FG025-LC-B60-GF-B-XA-H	HHP03981	1"	280	210	£640.27	HHC01931	£91.96
HF760-40.132-AS-FG025-LC-B60-GG-B-XA-H	HHP04005	1 1/4"	280	225	£640.27	HHC01931	£91.96
HF760-40.132-AS-FG025-LC-B60-GH-B-XA-H	HHP04022	1 1/2"	280	240	£640.27	HHC01931	£91.96
HF760-40.227-AS-FG025-LC-B60-GF-B-XA-H	HHP04172	1"	280	250	£740.16	HHC01923	£130.17
HF760-40.227-AS-FG025-LC-B60-GG-B-XA-H	HHP04181	1 1/4"	280	280	£740.16	HHC01923	£130.17
HF760-40.227-AS-FG025-LC-B60-GH-B-XA-H	HHP04108	1 1/2"	280	300	£742.41	HHC01923	£130.17
HF760-40.372-AS-FG025-LC-B60-GF-B-XA-H	HHP04272	1"	280	300	£847.72	HHC01927	£190.09
HF760-40.372-AS-FG025-LC-B60-GG-B-XA-H	HHP04282	1 1/4"	280	330	£847.72	HHC01927	£190.09
HF760-40.372-AS-FG025-LC-B60-GH-B-XA-H	HHP04207	1 1/2"	280	350	£847.72	HHC01927	£190.09
HF760-40.517-AS-FG025-LC-B60-GH-B-XA-H	HHP05950	1 1/2"	280	450	£1221.46	HHC01965	£247.68

RETURN FILTERS



UP TO
7
BAR

IN-LINE RETURN FILTERS HF620

These filters are designed specifically to be connected on the return line of any hydraulic circuit to provide safeguard from contaminating particles.

ALUMINIUM HEAD • STEEL BOWL • BUNA-VITON SEALS • C/W VISUAL INDICATOR (HF620-20)
C/W VISUAL INDICATOR (HF620-40) • FLOW RANGE 20-400 L/MIN • MAX WORKING PRESSURE 7 BAR
TESTING PRESSURE 10 BAR • BURST PRESSURE 15BM • 3 AND 6 MICRON AVAILABLE
OPERATING TEMPERATURE -30 +90 (c) BUNA SEALS -20 +1101 (c) VITON SEALS • BYPASS VALVE

	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
10 MICRON CELLULOSE						
HF620-20.135-AS-SP010-B17-GE-B-XA-PP-D	HHE13576	3/4"	50	£58.76	HHC01838	£18.92
HF620-20.180-AS-SP010-B17-GE-B-XA-PP-D	HHE18201	3/4"	60	£75.69	HHC01836	£36.78
HF620-30.155-AS-SP010-B17-GG-B-XA-PP-D	HHE20032	1 1/4"	140	£86.47	HHC01834	£28.42
HF620-30.210-AS-SP010-B17-GG-B-XA-GA-M	HHE24123	1 1/4"	160	£86.47	HHC01832	£48.96
HF620-40.155-AS-SP010-B17-GH-B-XC-GA-M	HHE30205	1 1/2"	300	£171.86	HHC01834*	£27.70
HF620-40.210-AS-SP010-B17-GH-B-XC-GA-M	HHE35195	1 1/2"	320	£209.56	HHC01832*	£48.96
25 MICRON CELLULOSE						
HF620-20.135-AS-SP025-B17-GE-B-XA-PP-D	HHE13174	3/4"	60	£56.55	HHC01841	£18.92
HF620-20.180-AS-SP025-B17-GE-B-XA-PP-D	HHE18214	3/4"	70	£65.18	HHC01806	£36.07
HF620-30.155-AS-SP025-B17-GG-B-XA-PP-D	HHE20028	1 1/4"	180	£81.58	HHC01843	£27.70
HF620-30.210-AS-SP025-B17-GG-B-XA-GA-M	HHE25214	1 1/4"	190	£81.58	HHC01816	£48.96
HF620-40.155-AS-SP025-B17-GH-B-XC-GA-M	HHE30190	1 1/2"	340	£162.13	HHC01843*	£28.42
HF620-40.210-AS-SP025-B17-GH-B-XC-GA-M	HHE35131	1 1/2"	360	£197.70	HHC01816*	£48.96

* 2 OFF REQUIRED



HHI03001
HI25-106-B17-GA-B
P' VISUAL RETURN
INDICATOR
£45.96



HHI03004
HI25-106-B08-GA-B
P' VISUAL RETURN
INDICATOR
£45.96



HHI03007
HI25-107-B08-GA-B
S' ELECTRICAL RETURN
INDICATOR
£44.19



HHI03014
HI25-107-B17-GA-B
S' ELECTRICAL RETURN
INDICATOR
£44.19



HHI03017
HI25-107-B17-GA-B N.C.
ELECTRICAL INDICATOR
£44.19



HHM02530
HI12-M-GA-10
M' PRESSURE/VACUUM
GAUGE REAR CONNECTION
£15.91



ASK FOR A COPY OF OUR FILTREC REPLACEMENT ELEMENTS CATALOGUE.





RETURN LINE FILTERS HF595

Suction or return line filters to be mounted with filter housing completely inside the oil tank.
These can be directly connected to the pump inlet or manifold tank return line.

ANODISED ALUMINIUM CONSTRUCTION • BUNA-VITON SEALS • COMPLETE WITH VISUAL INDICATOR AND BYPASS
FLOW RANGE 20-220 L/MIN • MAX WORKING PRESSURE 40BAR (ASK FOR DETAILS)
OPERATING TEMPERATURE -30 +90(°C) BUNA SEALS • OPERATING TEMPERATURE -20 +110(°C) VITON SEALS



UP TO
40
BAR

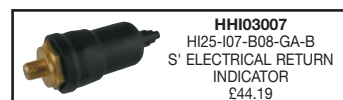
	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
10 MICRON FIBREGLASS						
HF595-10.060-AS-FG010-B17-GD-B-Z-GA-N	HHL01433	1/2"	10	£125.49	IKR595E1	£53.81
HF595-20.077-AS-FG010-B17-GE-B-Z-GA-N	HHL01534	3/4"	35	£161.52	HHC01107	£55.65
HF595-20.122-AS-FG010-B17-GF-B-Z-GA-N	HHL01636	1"	60	£179.03	HHC01113	£69.60
HF595-30.195-AS-FG010-B17-GG-B-Z-GA-N	HHL01735	1 1/4"	100	£241.01	HHC01119	£139.06
10 MICRON CELLULOSE						
HF595-10.060-AS-SP010-B17-GD-B-Z-GA-N	HHL01410	1/2"	20	£81.65	HHC01098	£21.66
HF595-20.077-AS-SP010-B17-GE-B-Z-GA-N	HHL01510	3/4"	50	£110.44	HHC01104	£25.56
HF595-20.122-AS-SP010-B17-GF-B-Z-GA-N	HHL01610	1"	90	£119.39	HHC01109	£29.25
HF595-30.195-AS-SP010-B17-GG-B-Z-GA-N	HHL01710	1 1/4"	160	£179.96	HHC01115	£45.65
20 MICRON FIBREGLASS						
HF595-10.060-AS-FG020-B17-GD-B-Z-GA-N	HHL01449	1/2"	15	£123.27	HHC01103	£43.05
HF595-20.077-AS-FG020-B17-GE-B-Z-GA-N	HHL01550	3/4"	45	£127.90	HHC01108	£51.82
HF595-20.122-AS-FG020-B17-GF-B-Z-GA-N	HHL01650	1"	75	£142.68	HHC01114	£64.53
HF595-30.195-AS-FG020-B17-GG-B-Z-GA-N	HHL01750	1 1/4"	120	£237.01	HHC01120	£132.89
25 MICRON CELLULOSE						
HF595-10.060-AS-SP025-B17-GD-B-Z-GA-N	HHL01420	1/2"	25	£81.65	HHC01099	£21.66
HF595-20.077-AS-SP025-B17-GE-B-Z-GA-N	HHL01520	3/4"	60	£110.44	HHC01130	£25.56
HF595-20.122-AS-SP025-B17-GF-B-Z-GA-N	HHL01620	1"	120	£119.39	HHC01110	£29.25
HF595-30.195-AS-SP025-B17-GG-B-Z-GA-N	HHL01720	1 1/4"	190	£179.96	HHC01116	£45.65
60 MICRON WIREMESH						
HF595-10.060-AS-MI060-B17-GD-B-Z-GA-N	HHL01460	1/2"	35	£88.47	HHC01100	£31.23
HF595-20.077-AS-MI060-B17-GE-B-Z-GA-N	HHL01560	3/4"	130	£120.36	HHC01105	£39.97
HF595-20.122-AS-MI060-B17-GF-B-Z-GA-N	HHL01660	1"	160	£135.89	HHC01111	£51.70
HF595-30.195-AS-MI060-B17-GG-B-Z-GA-N	HHL01760	1 1/4"	220	£223.67	HHC01117	£111.89



HH103001
HI25-I06-B17-GA-B
P' VISUAL RETURN
INDICATOR
£45.96



HH103004
HI25-I06-B08-GA-B
P' VISUAL RETURN
INDICATOR
£45.96



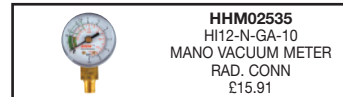
HH103007
HI25-I07-B08-GA-B
S' ELECTRICAL RETURN
INDICATOR
£44.19



HH103014
HI25-I07-B17-GA-B
S' ELECTRICAL RETURN
INDICATOR
£44.19



HH103017
HI25-I07-B17-GA-B N.C.
ELECTRICAL INDICATOR
£44.19



HHM02535
HI12-N-GA-10
MANO VACUUM METER
RAD. CONN
£15.91



Filtrec S.r.l. offers a complete range of hydraulic filtration elements. The range also offers a complete product portfolio with Pressure and Return line filter, Spin-on elements, Suction strainers, Filler breathers for hydraulic, lubrication oil, fuel and air.

Moreover Filtrec replacement elements fit in filter housings made by any other manufacturers, i.e. they fit geometrically as well as in terms of their filter performance.

Not only do Filtrec offer a wide variety of filter housings but are also experts in designing and manufacturing filter elements. The original Filtrec elements are ready for mounting in existent filter systems. With this complete range you can choose more than 50 000 different types of filter elements.

Our massive inventory allows you to order any part on short notice without having to provide your own warehousing.

We will gladly take your special requests and provide you with the items you need. All the Filtrec products are designed and engineered for quality professional performance and long term reliability.

TANK TOP RETURN FILTERS



TANK-TOP RETURN FILTER HF502

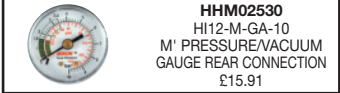
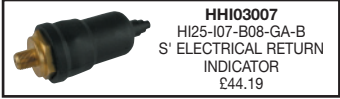
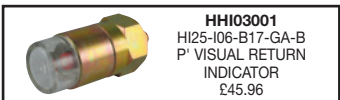
These filters are designed specifically to be directly connected on the hydraulic return line on top of the hydraulic reservoir to provide safeguard from contaminating particles.

ALUMINIUM COVER AND HOUSING • STEEL BOWL • BUNA SEALS • C/W VISUAL INDICATOR • FLOW RANGE UP TO 600 L/MIN
ADJUSTABLE BYPASS VALVE • MAX WORKING PRESSURE 8 BAR • TESTING PRESSURE 12 BAR
BURST PRESSURE 16 BAR • OPERATING TEMPERATURE -30 +80 (°C), VITON SEALS -20 +110 (°C)



UP TO
8
BAR

	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
10 MICRON CELLULOSE						
HF502-10.060-AS-SP010-B17-GC-B-H-Z-XD-GA-N	HHR00512	3/8"	15	£51.39	HHC03423	£14.56
HF502-10.060-AS-SP010-B17-GD-B-H-Z-XD-GA-N	HHR00670	1/2"	20	£51.39	HHC03423	£14.56
HF502-10.060-AS-SP010-B17-GE-B-H-Z-XD-GA-N	HHR01070	3/4"	25	£51.39	HHC03423	£14.56
HF502-20.077-AS-SP010-B17-GD-B-H-Z-XD-GA-N	HHR04570	1/2"	35	£59.84	HHC03554	£17.18
HF502-20.077-AS-SP010-B17-GE-B-H-Z-XD-GA-N	HHR04053	3/4"	40	£59.84	HHC03554	£17.18
HF502-20.122-AS-RP010-B17-GE-B-H-Z-XD-GA-N	HHR10200	3/4"	55	£62.67	HHC03577	£19.74
HF502-20.122-AS-RP010-B17-GF-B-H-Z-XD-GA-N	HHR10530	1"	65	£62.67	HHC03577	£19.74
HF502-20.201-AS-RP010-B17-GE-B-H-Z-XD-GA-N	HHR15555	3/4"	90	£76.00	HHC03612	£24.24
HF502-20.201-AS-RP010-B17-GF-B-H-Z-XD-GA-N	HHR16055	1"	100	£76.00	HHC03612	£24.24
HF502-30.162-AS-RP010-B17-GF-B-H-Z-XD-GA-N	HHR20070	1"	85	£104.42	HHC10149	£29.07
HF502-30.162-AS-RP010-B17-GG-B-H-Z-XD-GA-N	HHR20165	1 1/4"	95	£104.42	HHC10149	£29.07
HF502-30.195-AS-RP010-B17-GF-B-H-Z-XD-GA-N	HHR20370	1"	100	£104.42	HHC10192	£30.71
HF502-30.195-AS-RP010-B17-GG-B-H-Z-XD-GA-N	HHR20466	1 1/4"	120	£104.42	HHC10192	£30.71
HF502-30.239-AS-RP010-B17-GG-B-H-Z-XD-GA-N	HHR43201	1 1/4"	130	£124.47	HHC10501	£34.88
HF502-40.122-AS-RP010-B17-GH-B-H-Z-XD-GA-N	HHR45590	1 1/2"	140	£167.20	HHC45977	£29.75
HF502-40.162-AS-RP010-B17-GL-B-H-Z-XD-GA-N	HHR45706	2"	220	£167.20	HHC01303	£34.88
HF502-40.194-AS-RP010-B17-GL-B-H-Z-XD-GA-N	HHR46751	2"	300	£188.00	HHC00024	£37.90
HF502-40.195-AS-RP010-B17-GH-B-H-Z-XD-GA-N	HHR47415	1 1/2"	205	£188.00	HHC11131	£40.36
HF502-40.195-AS-RP010-B17-GL-B-H-Z-XD-GA-N	HHR48677	2"	305	£188.00	HHC11131	£40.36
HF502-40.239-AS-RP010-B17-GL-B-H-Z-XD-GA-N	HHR52404	2"	400	£301.86	HHC00028	£52.82
25 MICRON CELLULOSE						
HF502-10.060-AS-SP025-B17-GC-B-H-Z-XD-GA-N	HHR00272	3/8"	20	£51.39	HHC03430	£14.56
HF502-10.060-AS-SP025-B17-GD-B-H-Z-XD-GA-N	HHR00756	1/2"	25	£51.39	HHC03430	£14.56
HF502-10.060-AS-SP025-B17-GE-B-H-Z-XD-GA-N	HHR00764	3/4"	30	£51.39	HHC03430	£14.56
HF502-20.077-AS-SP025-B17-GD-B-H-Z-XD-GA-N	HHR04446	1/2"	40	£59.84	HHC03561	£17.18
HF502-20.077-AS-SP025-B17-GE-B-H-Z-XD-GA-N	HHR04062	3/4"	45	£59.84	HHC03561	£17.18
HF502-20.122-AS-RP025-B17-GE-B-H-Z-XD-GA-N	HHR10313	3/4"	60	£62.67	HHC03584	£19.74
HF502-20.122-AS-RP025-B17-GF-B-H-Z-XD-GA-N	HHR10414	1"	70	£62.67	HHC03584	£19.74
HF502-20.201-AS-RP025-B17-GE-B-H-Z-XD-GA-N	HHR16048	3/4"	100	£76.00	HHC03619	£24.24
HF502-20.201-AS-RP025-B17-GF-B-H-Z-XD-GA-N	HHR16421	1"	110	£76.00	HHC03619	£24.24
HF502-30.162-AS-RP025-B17-GF-B-H-Z-XD-GA-N	HHR20086	1"	95	£104.42	HHC10152	£29.07
HF502-30.162-AS-RP025-B17-GG-B-H-Z-XD-GA-N	HHR20187	1 1/4"	105	£104.42	HHC10152	£29.07
HF502-30.195-AS-RP025-B17-GF-B-H-Z-XD-GA-N	HHR20387	1"	120	£104.42	HHC10191	£30.71
HF502-30.195-AS-RP025-B17-GG-B-H-Z-XD-GA-N	HHR20493	1 1/4"	130	£104.42	HHC10191	£30.71
HF502-30.239-AS-RP025-B17-GG-B-H-Z-XD-GA-N	HHR43220	1 1/4"	140	£124.47	HHC10500	£34.88
HF502-40.122-AS-RP025-B17-GH-B-H-Z-XD-GA-N	HHR45701	1 1/2"	150	£193.65	HHC45980	£29.75
HF502-40.162-AS-RP025-B17-GL-B-H-Z-XD-GA-N	HHR45707	2"	240	£167.28	HHC00022	£34.88
HF502-40.194-AS-RP025-B17-GL-B-H-Z-XD-GA-N	HHR45714	2"	320	£188.00	HHC10950	£37.90
HF502-40.195-AS-RP025-B17-GH-B-H-Z-XD-GA-N	HHR47418	1 1/2"	225	£188.00	HHC01205	£40.36
HF502-40.195-AS-RP025-B17-GL-B-H-Z-XD-GA-N	HHR47970	2"	325	£188.00	HHC01205	£40.36
HF502-40.239-AS-RP025-B17-GL-B-H-Z-XD-GA-N	HHR52510	2"	500	£301.86	HHC00029	£52.82



ASK FOR A COPY OF OUR FILTREC REPLACEMENT ELEMENTS CATALOGUE.





UP TO
8
BAR

TANK-TOP RETURN FILTER HF550/HF554

REINFORCED NYLON PLASTIC COVER • ALUMINIUM HOUSING • REINFORCED NYLON BOWL • BUNA SEALS
FLOW RANGE 20-600 L/MIN • ADJUSTABLE BYPASS VALVE • MAX WORKING PRESSURE 8 BAR • TESTING PRESSURE 12 BAR
BURST PRESSURE 16 BAR • OPERATING TEMPERATURE -30 +80°C (BUNA), -20 +110°C (VITON)

	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
10 MICRON						
FITTED WITH 10 MICRON AIR BREATHER						
HF554-10.060-AS-SP010-B17-GC-B-S-Z-XA-GA-M-YN	HHD01050	3/8"	15	£75.53	HHC03423	£14.56
HF554-10.060-AS-SP010-B17-GD-B-S-Z-XA-GA-M-YN	HHD01350	1/2"	25	£75.53	HHC03423	£14.56
HF554-20.077-AS-SP010-B17-GE-B-S-Z-XA-GA-M-YN	HHD04310	3/4"	40	£101.94	HHC03554	£17.18
HF554-20.122-AS-RP010-B17-GF-B-S-Z-XA-GA-M-YN	HHD11050	1"	65	£111.01	HHC03577	£19.74
HF554-20.201-AS-RP010-B17-GG-B-S-Z-XA-GA-M-YN	HHD16810	1 1/4"	110	£127.76	HHC03612	£24.24
FITTED COMPLETE WITH FILLER BREATHER						
HF550-30.195-AS-RP010-B17-GG-B-L-Z-XA-GA-M-YN	HHA30150	1 1/4"	120	£131.37	HHC10192	£30.71
HF550-40.195-AS-RP010-B17-GH-B-L-Z-XA-GA-M-YN	HHA46150	1 1/2"	205	£181.04	HHC11131	£40.38
HF550-40.239-FS-RP010-B17-GL-B-L-Z-XA-GA-M-YN	HHA52150	2"	400	£213.06	HHC00028	£84.62
25 MICRON						
FITTED WITH 10 MICRON AIR BREATHER						
HF554-10.060-AS-SP025-B17-GC-B-S-Z-XA-GA-M-YN	HHD01080	3/8"	20	£75.53	HHC03430	£14.56
HF554-10.060-AS-SP025-B17-GD-B-S-Z-XA-GA-M-YN	HHD01380	1/2"	30	£75.53	HHC03430	£14.56
HF554-20.077-AS-SP025-B17-GE-B-S-Z-XA-GA-M-YN	HHD04360	3/4"	45	£101.95	HHC03561	£17.18
HF554-20.122-AS-RP025-B17-GF-B-S-Z-XA-GA-M-YN	HHD11100	1"	70	£124.23	HHC03584	£19.74
HF554-20.201-AS-RP025-B17-GG-B-S-Z-XA-GA-M-YN	HHD16870	1 1/4"	120	£127.76	HHC03619	£24.24
FITTED COMPLETE WITH FILLER BREATHER						
HF550-30.195-AS-RP025-B17-GG-B-L-Z-XA-GA-M-YN	HHA30160	1 1/4"	130	£157.52	HHC10191	£30.71
HF550-40.195-AS-RP025-B17-GH-B-L-Z-XA-GA-M-YN	HHA46165	1 1/2"	225	£206.04	HHC01205	£40.38
HF550-40.239-FS-RP025-B17-GL-B-L-Z-XA-GA-M-YN	HHA52156	2"	500	£236.69	HHC00029	£52.82



HHI03001
HI25-I06-B17-GA-B
P' VISUAL RETURN
INDICATOR
£45.96



HHI03004
HI25-I06-B08-GA-B
P' VISUAL RETURN
INDICATOR
£45.96



HHI03007
HI25-I07-B08-GA-B
S' ELECTRICAL RETURN
INDICATOR
£44.19



HHI03014
HI25-I07-B17-GA-B
S' ELECTRICAL RETURN
INDICATOR
£44.19



HHI03017
HI25-I07-B17-GA-B N.C.
ELECTRICAL
INDICATOR
£44.19



HHM02530
HI12-M-GA-10
M' PRESSURE/VACUUM
GAUGE REAR CONNECTION
£15.91



HHM02535
HI12-N-GA-10
MANO VACUUM METER
RAD. CONN
£15.91



UP TO
8
BAR

TANK TOP MOUNTED RETURN LINE FILTERS HF570

Retrofits all top name brands. Ask for details.

ALUMINIUM COVER AND HOUSING • STEEL BOWL AND DIFFUSER • BUNA SEALS
FLOW RANGE 40 - 500 L/MIN • MAX WORKING PRESSURE 8 BAR • TESTING PRESSURE 12 BAR • BURST PRESSURE 16 BAR
OPERATING TEMPERATURE -30 +80 (°C) BUNA SEALS, -20 +110 (°C) VITON SEALS
SECONDARY RETURN PORT AS STANDARD • FILLER CAP FITTED AS STANDARD* • DIFFUSER FITTED AS STANDARD
FULL FLOW MAGNETIC PRE FILTRATION ON THE HYDRAULIC RETURN LINE AS STANDARD

	ORDER CODE	PORTS	FLOW	PRICE	ELEMENT	PRICE
10 MICRON						
HF570-20.105-AS-FG010-B08-GD-B-H-R-XA-GA-M-YN-D	HHF06815	1/2"	30	£233.84	HHC01760	£49.67
HF570-20.150-AS-FG010-B08-GE-B-H-R-XA-GA-M-YN-D	HHF14810	3/4"	50	£246.99	HHC01660	£56.37
HF570-20.300-AS-FG010-B08-GF-B-H-R-XA-GA-M-YN-D	HHF20060	1"	90	£460.56	HHC01700	£90.98
HF570-30.190-AS-FG010-B08-GG-B-L-R-XA-GA-M-YN-D	HHF26020	1 1/4"	120	£571.58	HHC01730	£95.34
HF570-30.465-AS-FG010-B08-GH-B-L-R-XA-GA-M-YN-D	HHF36050	1 1/2"	200	£571.58	HHC01480	£164.89
HF570-40.210-AS-FG010-GH-B-L-R-XA-M-YN-D	HHF40113	1 1/2"	200	£728.10	HHC01610	£130.89
HF570-40.290-AS-FG010-GH-B-L-R-XA-M-YN-D	HHF42115	1 1/2"	300	£774.57	HHC01540	£165.05
HF570-40.390-AS-FG010-GL-B-L-R-XA-M-YN-D	HHF44118	2"	340	£998.81	HHC01560	£149.27
HF570-40.480-AS-FG010-GL-B-L-R-XA-M-YN-D	HHF46118	2"	400	£874.22	HHC01580	£238.05
25 MICRON						
HF570-20.105-AS-FG025-B08-GD-B-H-R-XA-GA-M-YN-D	HHF06865	1/2"	40	£237.52	HHC01770	£47.15
HF570-20.150-AS-FG025-B08-GE-B-H-R-XA-GA-M-YN-D	HHF14860	3/4"	60	£248.14	HHC01670	£52.43
HF570-20.300-AS-FG025-B08-GF-B-H-R-XA-GA-M-YN-D	HHF20090	1"	100	£288.32	HHC01710	£85.00
HF570-30.190-AS-FG025-B08-GG-B-L-R-XA-GA-M-YN-D	HHF26030	1 1/4"	130	£460.82	HHC01740	£88.02
HF570-30.465-AS-FG025-B08-GH-B-L-R-XA-GA-M-YN-D	HHF36090	1 1/2"	220	£571.91	HHC01500	£153.35
HF570-40.210-AS-FG025-GH-B-L-R-XA-M-YN-D	HHF40025	1 1/2"	220	£717.92	HHC01620	£121.74
HF570-40.290-AS-FG025-GH-B-L-R-XA-M-YN-D	HHF42125	1 1/2"	320	£761.61	HHC01550	£152.86
HF570-40.390-AS-FG025-GL-B-L-R-XA-M-YN-D	HHF44025	2"	360	£813.73	HHC01570	£195.95
HF570-40.480-AS-FG025-GL-B-L-R-XA-M-YN-D	HHF46125	2"	420	£855.59	HHC01590	£221.42



HHI03001
HI25-I06-B17-GA-B
P' VISUAL RETURN
INDICATOR
£45.96



HHI03004
HI25-I06-B08-GA-B
P' VISUAL RETURN
INDICATOR
£45.96



HHI03007
HI25-I07-B08-GA-B
S' ELECTRICAL RETURN
INDICATOR
£44.19



HHI03014
HI25-I07-B17-GA-B
S' ELECTRICAL RETURN
INDICATOR
£44.19



HHI03017
HI25-I07-B17-GA-B N.C.
ELECTRICAL
INDICATOR
£44.19



HHM02530
HI12-M-GA-10
M' PRESSURE/VACUUM
GAUGE REAR CONNECTION
£15.91



HHM02535
HI12-N-GA-10
MANO VACUUM METER
RAD. CONN
£15.91



SUCTION FILTERS



IN-LINE SUCTION FILTERS HF620

These filters are designed specifically to be connected on the suction line of any hydraulic circuit to provide safeguard from contaminating particles.

ALUMINIUM HEAD • STEEL BOWL • BUNA-VITON SEALS • C/W VISUAL INDICATOR (HF620-20)
C/W VISUAL INDICATOR (HF620-40) • FLOW RANGE 30-240 L/MIN • MAX WORKING PRESSURE 7 BAR
TESTING PRESSURE 10 BAR • BURST PRESSURE 15BM • OPERATING TEMPERATURE -30 +90 (°c) BUNA SEALS
-20 +1101 (°c) VITON SEALS • BYPASS VALVE

	ORDER CODE	PORTS	FLOW L/MIN	PRICE	ELEMENT	PRICE
60 MICRON STEEL WIREMESH						
HF620-20.135-AS-MS060-B02-GE-B-XA-GA-M	HHE13054	3/4"	30	£124.13	HHC01822	£54.82
HF620-30.155-AS-MS060-B02-GG-B-XA-GA-M	HHE20532	1 1/4"	110	£172.76	HHC01824	£91.28
HF620-40.155-AS-MS060-B02-GH-B-XC-GA-M	HHE30152	1 1/2"	220	£233.66	HHC01824*	£91.28
125 MICRON STEEL WIREMESH						
HF620-20.135-AS-MS125-B02-GE-B-XA-GA-M	HHE13062	3/4"	40	£124.13	HHC01871	£54.82
HF620-30.155-AS-MS125-B02-GG-B-XA-GA-M	HHE20548	1 1/4"	120	£172.76	HHC01809	£91.28
HF620-40.155-AS-MS125-B02-GH-B-XC-GA-M	HHE30172	1 1/2"	240	£233.66	HHC01809*	£91.28



HHI03004
HI25-I06-B08-GA-B
P' VISUAL RETURN
INDICATOR
£45.96



HHM02530
HI12-M-GA-10
M' PRESSURE/VACUUM
GAUGE REAR CONNECTION
£15.91



HHI03007
HI25-I07-B08-GA-B
S' ELECTRICAL RETURN
INDICATOR
£44.19



HHV02300
HI13-M-GA-00
PRESSUE VAC GAUGE
REAR CONN
£15.91



HHI03046
HI25-V01-B02-GA-B
V' SUCTION LINE
INDICATOR
£44.19



HHI03051
HI25-V02-B02-GA-B
E' ELECTRICAL SUCTION
LINE INDICATOR
£47.73



SUCTION LINE FILTERS HF595

Suction line filters to be mounted with filter housing completely inside the oil tank.
These can be directly connected to the pump inlet or manifold tank return line.

ANODISED ALUMINIUM CONSTRUCTION • BUNA-VITON SEALS • COMPLETE WITH VISUAL INDICATOR AND BYPASS
FLOW RANGE 0-35 L/MIN • MAX WORKING PRESSURE 40BAR (ASK FOR DETAILS)
OPERATING TEMPERATURE -30 +90(°C) BUNA SEALS • OPERATING TEMPERATURE -20 +110(°C) VITON SEALS

	ORDER CODE	PORTS	MICRON	FLOW	PRICE	ELEMENT	PRICE
125 MICRON BRASS WIREMESH							
HF595-20.077-AS-MB125-B02-GE-B-Z-GA-N	HHL01514	1 1/4"	125	35	£177.32	HHC01131	£41.21
HF595-30.195-AS-MB125-B02-GG-B-Z-GA-N	HHL01717	1 1/4"	125	25	£177.32	HHC01145	£92.72



HHI03046
HI25-V01-B02-GA-B
V' SUCTION LINE
INDICATOR
£43.73



HHI03051
HI25-V02-B02-GA-B
E' ELECTRICAL SUCTION
LINE INDICATOR
£47.73



HHM02535
HI12-N-GA-10
MANO VACUUM METER
RAD. CONN
£15.91

SUCTION STRAINERS

FLOWFIT



FLOWFIT SUCTION STRAINERS – 125 MICRON WIREMESH

Tank submerged suction strainers are fitted directly on the pump intake and provide filtration of contamination particles to the hydraulic pump system.

CARBON STEEL END CAPS • ALLUMINIUM HEAD • STAINLESS STEEL • MEDIA: 125 MICRON
FLOW RANGE 15-180 L/MIN • OPERATING TEMP +90°C • SEALS BUNA

	FLOW RATE	A(THREAD)	B(LENGTH)	C(O/D)	PRICE
FSP001	5 L/MIN	3/8"	44	24	£9.86
FSP002	10 L/MIN	3/8"	90	24	£11.51
FSP003	15 L/MIN	1/2"	105	30	£11.99
FSP005	25 L/MIN	3/4"	109	35	£14.99
FSP010	50 L/MIN	1"	139	46	£15.57
FSP012	80 L/MIN	1 1/4"	139	51	£20.14
FSP015	95 L/MIN	1 1/2"	168	60	£20.47
FSP030	130 L/MIN	1 1/2"	200	60	£33.07
FSP040	180 L/MIN	2"	235	70	£34.47
FSP050	330 L/MIN	2 1/2"	211	90	£58.51
FSP060	500 L/MIN	3"	272	100	£71.16

IKRON

IKRON SUCTION STRAINERS – 125 MICRON WIREMESH

MAX FLOW RATE 300 L/MIN • COLLAPSE PRESSURE 1 BAR • WORKING TEMP -30°C TO 110°C

HEAD NYLON • ENDCAP CARBON STEEL • WIREMESH 125 MICRON

AVAILABLE UPON REQUEST: 60,90 AND 250 MICRONS

IKRON	FLOW RATE	A(THREAD)	B(LENGTH)	C(O/D)	PRICE
N/A	12 L/MIN	3/8 BSP	90	46	£21.65
N/A	15 L/MIN	1/2 BSP	105	46	£24.45
N/A	30 L/MIN	3/4 BSP	109	64	£28.50
N/A	35 L/MIN	1 BSP	139	64	£30.07
N/A	40 L/MIN	1 BSP	139	86	£34.94
N/A	45 L/MIN	1 1/4 BSP	139	86	£39.96
N/A	50 L/MIN	1 1/2 BSP	139	86	£36.16
N/A	90 L/MIN	1 1/2 BSP	200	86	£48.15
N/A	120 L/MIN	2 BSP	260	86	£54.69
N/A	95 L/MIN	1 1/2 BSP	151	150	£66.21
N/A	100 L/MIN	2 BSP	151	150	£66.21
N/A	180 L/MIN	2 1/2 BSP	211	150	£105.83
N/A	300 L/MIN	3 BSP	272	150	£123.10
HHB00010	15 L/MIN	3/8 BSP	83	52	£26.00
HHB00013	20 L/MIN	1/2 BSP	83	52	£26.00
HHB04002	20 L/MIN	1/2 BSP	104	70	£30.17
HHB10005	25 L/MIN	1/2 BSP	149	70	£35.12
HHB04005	30 L/MIN	3/4 BSP	104	70	£30.17
HHB04153	45 L/MIN	1 BSP	104	70	£27.34
HHB10060	55 L/MIN	1 1/4 BSP	104	70	£40.80
HHB10002	40 L/MIN	3/4 BSP	149	70	£35.12
HHB10059	55 L/MIN	1 BSP	149	70	£35.12
HHB10459	60 L/MIN	1 1/4 BSP	149	70	£35.12
HHB20002	60 L/MIN	1 BSP	155	99	£45.13
HHB20019	80 L/MIN	1 1/4 BSP	155	99	£45.13
HHB20026	90 L/MIN	1 1/2 BSP	155	99	£45.13
HHB20026	100 L/MIN	2 BSP	155	99	£45.13
HHB24020	60 L/MIN	1 BSP	195	99	£57.61
HHB24002	90 L/MIN	1 1/4 BSP	195	99	£57.61
HHB24080	120 L/MIN	1 1/2 BSP	195	99	£57.61
HHB24075	130 L/MIN	2 BSP	195	99	£57.61
HHB29002	65 L/MIN	1 BSP	228	99	£64.37
HHB30005	110 L/MIN	1 1/4 BSP	228	99	£64.37
HHB30002	130 L/MIN	1 1/2 BSP	228	99	£64.37
HHB30030	140 L/MIN	2 BSP	228	99	£64.37
HHB18021	25 L/MIN	1 BSP	109	99	£64.51
HHB18120	40 L/MIN	1 1/4 BSP	109	99	£64.51
	55 L/MIN	1 1/2 BSP	109	99	£64.51
HHB18253	60 L/MIN	2 BSP	109	99	£64.51
HHB42028	200 L/MIN	3 BSP	202	130	£81.94
HHB42002	140 L/MIN	2 BSP	202	130	£81.94
HHB42023	160 L/MIN	2 1/2 BSP	202	130	£81.94
HHB41006	190 L/MIN	3 BSP	162	130	£46.62
HHB40999	130 L/MIN	2 BSP	162	130	£107.51
HHB41002	150 L/MIN	2 1/2 BSP	162	130	£107.51
HHB46034	240 L/MIN	3 BSP	235	130	£80.73
HHB46002	200 L/MIN	2 BSP	235	130	£80.88
HHB46032	220 L/MIN	2 1/2 BSP	235	130	£80.88
HHB52013	300 L/MIN	3 BSP	279	130	£113.07
HHB52002	250 L/MIN	2 BSP	279	130	£113.07
HHB52016	270 L/MIN	2 1/2 BSP	279	130	£113.07

DIFFUSERS



FLOWFIT

FLOWFIT DIFFUSERS (LIMITED STOCKS LEFT)

Diffusers reduce aeration, foaming and reservoir noise in any hydraulic fluid application. Designed to help extend all types of pump life by reducing cavitation to pump inlet.

Flows ranging from 220 L/min – 500 L/min • Port sizes 2 1/2" – 3" • Made of steel and nylon end caps
Other sizes of diffusers available upon request • Flow rate L/min with $\Delta P=0.1$ bar.

Order Code	Flow Rate L/min	Thread	Length (mm)	O/D (mm)	Price
D212	300	2 1/2"	211	150	£96.31
D300	500	3"	272	150	£137.91

FILLER BREATHERS

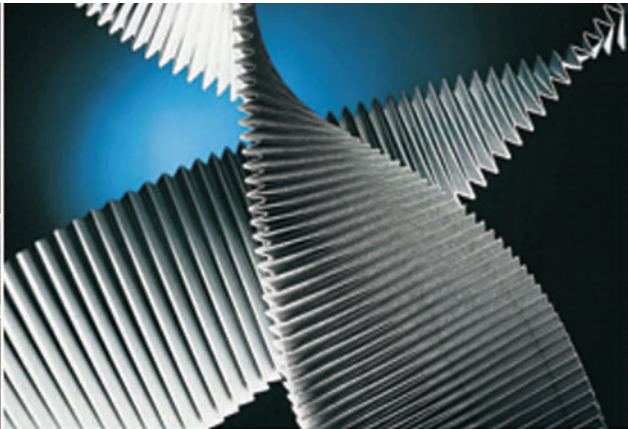
FLOWFIT



FLOWFIT FILLER BREATHERS

Carbon steel • Basket: plastic and 500 micron • Filter: air inner element 40 micron
Gaskets: rubberised cork • Screws: self tapping

Order Code	Outer Diameter	Total Length	Width of Basket	Mounting	Price
HHT02379	76.2mm	148mm	49.2mm	6 hole P.C.D. 70/73mm	£15.29
FBA5	45mm	109mm	28mm	3 hole P.C.D. 41.3mm	£15.29
With locking lug c/w padlock					
FT8C 40/10L	76.2	148mm	49.2mm	6 hole P.C.D. 70/73mm	£9.93



FILTRREC
Technical Filtration

THE WORLD'S LEADING HYDRAULIC
FILTER MANUFACTURER



NON PRESSURISED BREATHER

CARBON STEEL AND PROTECTED WITH SPECIAL TREATMENT FOR PROTECTION AGAINST ATMOSPHERIC ELEMENTS
BASKET: STEEL • FILTER: AIR ELEMENT 10 MICRON OR 40 MICRON • GASKETS: RUBBERISED CORK
SCREWS: M5 • NON PRESSURISED

DESCRIPTION	ORDER CODE	OUTER DIAMETER	TOTAL LENGTH	BASKET LENGTH	MOUNTING	AIR RATING INNER ELEMENT	PRICE
STANDARD							
HB50-A-8-L-1-05-H-1-R	HHT02100	47mm	27.5mm	64mm	3 HOLE P.C.D 41mm	10	£16.89
HB50-B-8-L-1-05-H-1-R	HHT02120	47mm	27.5mm	64mm	3 HOLE P.C.D 41mm	40	£23.38
WITH CHAIN							
HB50-A-8-L-2-05-H-2-R	HHT02111	47mm	27.5mm	64mm	3 HOLE P.C.D 41mm	10	£25.85
HB50-B-8-L-2-05-H-2-R	HHT02110	47mm	27.5mm	64mm	3 HOLE P.C.D 41mm	40	£16.89
STANDARD							
HB70-A-8-L-1-05-H-1-R	HHT02140	70mm	36mm	97mm	6 HOLE P.C.D 72.5mm	10	£35.27
HB70-B-8-L-1-05-H-1-R	HHT02280	70mm	36mm	97mm	6 HOLE P.C.D 72.5mm	40	£32.49
WITH CHAIN							
HB70-A-8-L-2-05-H-2-R	HHT02370	70mm	36mm	97mm	6 HOLE P.C.D 72.5mm	10	£34.98
HB70-B-8-L-2-05-H-2-R	HHT02380	70mm	36mm	97mm	6 HOLE P.C.D 72.5mm	40	£24.61
WITH SAFETY LOCKING							
HB70-A-8-L-3-05-H-3-R	HHT02409	70mm	36mm	97mm	6 HOLE P.C.D 72.5mm	10	£39.64
HB70-B-8-L-3-05-H-3-R	HHT02400	70mm	36mm	97mm	6 HOLE P.C.D 72.5mm	40	£40.48



PRESSURISED BREATHER

CARBON STEEL AND PROTECTED WITH SPECIAL TREATMENT FOR PROTECTION AGAINST ATMOSPHERIC ELEMENTS
BASKET: STEEL • FILTER: AIR ELEMENT 10 MICRON OR 40 MICRON
GASKETS: RUBBERISED CORK • SCREWS: M5

DESCRIPTION	ORDER CODE	OUTER DIAMETER	TOTAL LENGTH	BASKET LENGTH	MOUNTING	AIR RATING INNER ELEMENT	PRICE
PRESSURISED STANDARD							
HB70-A-9-L-1-05-H-1-R	HHT02200	70mm	146mm	97mm	6 HOLE P.C.D 72.5mm	10	£40.87
HB70-B-9-L-1-05-H-1-R	HHT02340	70mm	146mm	97mm	6 HOLE P.C.D 72.5mm	40	£46.36
PRESSURISED WELD ON							
HB70-A-9-L-1-10-H-1-R	HHT02220	70mm	146mm	97mm	6 HOLE P.C.D 72.5mm	10	£40.41
HB70-B-9-L-1-10-H-1-R	HHT02160	70mm	146mm	97mm	6 HOLE P.C.D 72.5mm	40	£37.52
PRESSURISED WITH CHAIN							
HB70-A-9-L-2-05-H-2-R	HHT02259	70mm	146mm	97mm	6 HOLE P.C.D 72.5mm	10	£43.23
HB70-B-9-L-2-05-H-2-R	HHT02361	70mm	146mm	97mm	6 HOLE P.C.D 72.5mm	40	£40.21

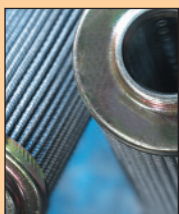


FILLER BREATHER AND AIR FILTER

The filler breather and air filter are built in glass-filled nylon, a light material, strong and non-corrosive by exposure to atmospheric agents. Prevents oil splash during vehicle movement.

MAX AIRFLOW 1600 L/MIN • OPERATING TEMPERATURE -30 +90°C • FLUID COMPATABILITY: MINERAL OILS AND SYNTHETIC FLUID • CORK RUBBER SEALS • WEIGHT .02KG

ORDER CODE	DESCRIPTION	TOTAL LENGTH	BASKET WIDTH	BASKET LENGTH	O/D OF FILLER CAP	MOUNTING	PRICE
HHS02306	HB120-SP005-XN-G	174mm	47.5mm	97mm	118mm	6 Hole P.C.D 73mm	£50.37
HHS02300	HB120-SP010-XN-G	174mm	47.5mm	97mm	118mm	6 Hole P.C.D 73mm	£50.37



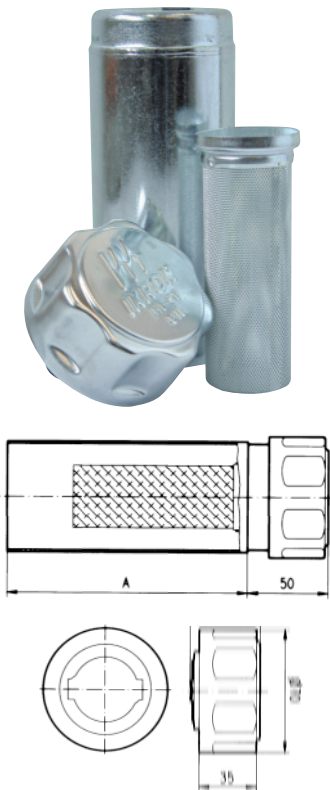
ASK FOR A COPY OF OUR FILTREC REPLACEMENT ELEMENTS CATALOGUE.





WELD ON FILLER BREATHER

40mm, 65mm, 80mm and 135mm extensions available.



DESCRIPTION	ORDER CODE	OUTER DIAMETER	WELD EXTENSION	BASKET LENGTH	MOUNTING	AIR RATING INNER ELEMENT	PRICE
STANDARD WITH INDICATOR							
HB70-B-8-L-1-10-H-1-R	HHT02300	70mm	-	97mm	6 HOLE P.C.D 72.5mm	40	£24.42
WELD ON MOUNTING 40mm EXTENSION							
HB70-A-8-L-1-15-H-1-R	HHT02148	70mm	40mm	97mm	6 HOLE P.C.D 72.5mm	10	£36.97
HB70-B-8-L-1-15-H-1-R	HHT02305	70mm	40mm	97mm	6 HOLE P.C.D 72.5mm	40	£36.97
WELD ON MOUNTING 65mm EXTENSION							
HB70-A-8-L-1-20-H-1-R	HHT02239	70mm	65mm	97mm	6 HOLE P.C.D 72.5mm	10	£37.28
HB70-B-8-L-1-20-H-1-R	HHT02328	70mm	65mm	97mm	6 HOLE P.C.D 72.5mm	40	£37.28
WELD ON MOUNTING 80mm EXTENSION							
HB70-A-8-L-1-25-H-1-R	HHT02238	70mm	80mm	97mm	6 HOLE P.C.D 72.5mm	10	£37.64
HB70-B-8-L-1-25-H-1-R	HHT02329	70mm	80mm	97mm	6 HOLE P.C.D 72.5mm	40	£37.64
WELD ON MOUNTING 135mm EXTENSION							
HB70-A-8-L-1-30-H-1-R	HHT02240	70mm	135mm	97mm	6 HOLE P.C.D 72.5mm	10	£38.37
HB70-B-8-L-1-30-H-1-R	HHT02320	70mm	135mm	97mm	6 HOLE P.C.D 72.5mm	40	£38.37
WELD ON MOUNTING EXTENSION & CHAIN							
HB70-A-8-L-2-10-H-2-R	HHT02440	70mm	-	97mm	6 HOLE P.C.D 72.5mm	10	£27.04
HB70-B-8-L-2-10-H-2-R	HHT02390	70mm	-	97mm	6 HOLE P.C.D 72.5mm	40	£27.04
WELD ON MOUNTING 40mm EXTENSION & CHAIN							
HB70-A-8-L-2-15-H-2-R	HHT02372	70mm	40mm	97mm	6 HOLE P.C.D 72.5mm	10	£38.72
HB70-B-8-L-2-15-H-2-R	HHT02306	70mm	40mm	97mm	6 HOLE P.C.D 72.5mm	40	£38.72
WELD ON MOUNTING 65mm EXTENSION & CHAIN							
HB70-A-8-L-2-20-H-2-R	HHT02442	70mm	65mm	97mm	6 HOLE P.C.D 72.5mm	10	£39.01
HB70-B-8-L-2-20-H-2-R	HHT02398	70mm	65mm	97mm	6 HOLE P.C.D 72.5mm	40	£39.01
WELD ON MOUNTING 80mm EXTENSION & CHAIN							
HB70-A-8-L-2-25-H-2-R	HHT02443	70mm	80mm	97mm	6 HOLE P.C.D 72.5mm	10	£39.36
HB70-B-8-L-2-25-H-2-R	HHT02394	70mm	80mm	97mm	6 HOLE P.C.D 72.5mm	40	£39.36
WELD ON MOUNTING 135mm EXTENSION & CHAIN							
HB70-A-8-L-2-30-H-2-R	HHT02441	70mm	135mm	97mm	6 HOLE P.C.D 72.5mm	10	£40.09
HB70-B-8-L-2-30-H-2-R	HHT02399	70mm	135mm	97mm	6 HOLE P.C.D 72.5mm	40	£40.09



LOCKABLE FILLER BREATHER

Specially suitable for filtering and cleaning the air exchanged between the tank and the outside atmosphere when the volume of fluid in the tank varies. They optimise filling of the tank with hydraulic fluid, retaining impurities and foreign bodies. They come complete with the accessories required for assembly (screws, seals etc.)
The recommended flow rate corresponds to the maximum air flow with a pressure drop of 0.015 bar.

NEW LOCKABLE FILLER BREATHER • PROTECT YOUR OIL AND FUEL • ADD SECURITY NOW TO YOUR SYSTEMS
STOP VANDALISM AND THEFT • STOP UNWANTED CONTAMINATION • CHROME PLATED STEEL WITH BAYONET CLOSURE AND KEY LOCK

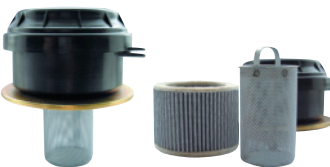


ORDER CODE	AIR RATING INNER ELEMENT	AIR FLOW L/MIN	O/D	LENGTH OF BASKET	WIDTH OF BASKET	MOUNTING	PRICE
LFB2	40	700	75	80	50	6 HOLE PCD 73MM	£92.33
LFB3	40	700	75	150	50	6 HOLE PCD 73MM	£97.62



LOCKABLE CLEANABLE FILLER BREATHER

JUST ONE HOLE (65MM±10) IN THE TANK COVER IS NEEDED TO FIX IT
THE 5µm. FILTER ELEMENT CAN BE REMOVED FOR CLEANING OR REPLACEMENT • LOCKABLE BASKET CAN BE REMOVED



ORDER CODE	PRICE	ELEMENTS	PRICE
FBLC	£39.29	FBLCE	£24.72



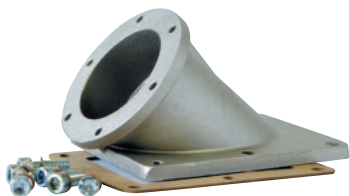


FILTREC

Technical Filtration

ASK FOR A COPY OF OUR FILTREC REPLACEMENT ELEMENTS CATALOGUE.





ANGLED FILLER BREATHER

Angled filler breather designed for installation on vertical or inclined sides. Complete with washers and screws.
Angled filler breather plate only – for filler breathers that can be FIXED TO THIS ANGLED FILLER BREATHER SEE P104
FBA25, FBA25L, FT8C101, FT8C102, FT8C401, FT8C402, HHT02380, HHT02340, HHT02550, LFB2 AND LFB3 ARE ALL SUITABLE JUST ONE HOLE (65MM±10) IN THE TANK COVER IS NEEDED TO FIX IT • THE 5µm. FILTER ELEMENT CAN BE REMOVED FOR CLEANING OR REPLACEMENT • LOCKABLE • BASKET CAN BE REMOVED

ORDER CODE	PRICE
AFB1	£54.41



PUSH IN FILLER BREATHER

Filler breather for tank top installation with breather and strainer and complete with safety chains.
Just drill a hole and push in. Now no need to drill fixing holes, just cut a hole in the top of the reservoir with a diameter of 55mm min and 55.3mm max. Wall thickness must not exceed 8mm and not less than 2mm.
Assembly contains 3 parts. To install the inside locking ring has to be removed to insert the main body into a pre-drilled hole. Once inserted the inside locking ring has to be installed and then the external locking ring has to be tightened. MAX OPERATING TEMPERATURE 70-80°C

ORDER CODE	ØF	ØD	Ød	h1	h2	h3	h4	S	PRICE
CTR/C	55	88	38	55	80	88	21	2-8	£55.43



SPIN-ON AIR BREATHER

High capacity air filters 700 L/MIN and 1500 L/MIN displacement designed to remove airborne dirt in any hydraulic system.
Please note when fitting a pressurised breather the reservoir must be capable of withstanding pressurisation.

MOUNTED TO TOP OF HYDRAULIC TANK • 3 HOLE FIXING FLANGE
REMOVABLE MAINTENANCE FRIENDLY 5 MICRON SPIN ON CANISTER

ORDER CODE	RATED AIR FLOW	AIR RATING INNER ELEMENT	O/D	LENGTH (B)	WEIGHT KG	PRICE	ELEMENT	PRICE
AIRF1	0.7m3MIN	5 MICRON	96MM	114MM	0.7	£95.99	RF1	£68.21
AIRF2	1.5m3MIN	5 MICRON	96MM	196MM	0.7	£100.24	RF2	£71.45



AIR BREATHERS

The air filters AF105 series are built in steel and are protected with a special treatment to protect them against atmospheric corrosion.

UPON REQUEST M12, M18, M22 x 1.5 THREADS

ORDER CODE	THREAD	LENGTH	O/D	MICRON	AIRFLOW	WEIGHT	PRICE
HHS02100	1/4"	54mm	48mm	5 Micron	200(f/min)	0.11	£18.42
HHS02106	3/8"	54mm	48mm	5 Micron	200(f/min)	0.13	£18.29
HHS02131	1/2"	74mm	67mm	5 Micron	500 (f/min)	0.27	£23.06
HHS02109	1/4"	54mm	48mm	10 Micron	200(f/min)	0.11	£14.85
HHS02101	3/8"	54mm	48mm	10 Micron	200(f/min)	0.13	£14.85
HHS02134	1/2"	74mm	67mm	10 Micron	500 (f/min)	0.27	£18.77



PLASTIC HYDRAULIC THREADED AIR BREATHERS

PLASTIC THREADED HYDRAULIC BREATHERS WITH 40 MICRON FILTRATION

ORDER CODE	THREAD	LENGTH	O/D	PRICE
PH8	3/8"	32mm	34.5mm	£13.15
PH10	1/2"	38mm	40mm	£13.15
PH12	3/4"	38.5mm	45mm	£18.40
PH13	1"	47mm	50mm	£19.13
PHB	1"	68mm	84mm	£19.15



STEEL HYDRAULIC THREADED AIR BREATHERS

STEEL THREADED HYDRAULIC BREATHERS WITH 40 MICRON FILTRATION

ORDER CODE	THREAD	LENGTH	O/D	PRICE
BH6	1/4"	63mm	45mm	£13.15
BH8	3/8"	63mm	45mm	£13.15
BH10	1/2"	63mm	45mm	£19.75
BH12	3/4"	75mm	77mm	£21.05
BH13	1"	75mm	77mm	£21.75
BHB	1"	100mm	80mm	£21.75

LEVEL INDICATORS



Level indicators are mounted on hydraulic reservoirs containing oil based fluids to allow the monitoring of the oil level. We also offer options with thermometer to monitor the temperature.

FILTREC LEVEL INDICATORS

OPERATING TEMPERATURE -30 +80 (°c) • THERMOMETER DOUBLE SCALE 0-100 (°c) / 30-210°F
ANODIZED ALUMINIUM FRAME WITH NYLON FACE • HEADS: NYLON • SCREWS: ZINC STEEL • SEAL: BUNA-N

ORDER CODE	HOLE CENTRES	BOLT THREAD SIZE	LENGTH	WIDTH	PRICE
FL1M10	76mm	M10x1.5	106mm	36mm	£13.85
FL1M12	76mm	M12x1.75	106mm	36mm	£13.85
FL1TM10*	76mm	M10x1.5	106mm	36mm	£15.91
FL1TM12*	76mm	M12x1.75	106mm	36mm	£15.91
FL2M10	127mm	M10x1.5	157mm	36mm	£17.63
FL2M12	127mm	M12x1.75	157mm	36mm	£17.63
FL2TM10*	127mm	M10x1.5	157mm	36mm	£20.94
FL2TM12*	127mm	M12x1.75	157mm	36mm	£20.94
FL3M10	254mm	M10x1.5	284mm	36mm	£37.86
FL3M12	254mm	M12x1.75	284mm	36mm	£37.86
FL3TM10*	254mm	M10x1.5	284mm	36mm	£40.42
FL3TM12*	254mm	M12x1.75	284mm	36mm	£40.42

* C/W THERMOMETER DOUBLE SCALE 0-100°C / 30-210°F

ELECTRIC TYPE LEVEL INDICATORS

FLUID LEVEL OBSERVED AT 150° ANGLE • O RING SEALS ON EVERY CONNECTION POINT GUARANTEEING LEAKAGE PROOF FIXATION • THERMOMETER SCALE 0-100°C MIN/MAX OPERATING TEMPERATURE -20 +80°C MAX GAUGE PRESSURE 0.5BAR • SEALS 70° SHORE • IP65 ELECTRIC PROTECTION • MAXIMUM CONTACT LOAD • ALTERNATIVELY CURRENT UP TO 220V (0.5A) • DIRECT CURRENT UP TO 125V (0.3A)

- Gauge manufactured with oil proof plastic
- Suitable for use on all ac up to 220 A/AC
- DC up to 125v/dc.
- Electric features include normally open (n.a) electric contact in non alarm position

PART NUMBER	HOLE CENTRES	BOLT THREAD SIZE	PRICE
LIE2	127MM	M12 X 1.75	£119.21
LIE 3	254MM	M12 X 1.75	£160.74



FILTREC Technical Filtration

Filtrec S.r.l. offers a complete range of hydraulic filtration elements. The range also offers a complete product portfolio with Pressure and Return line filter, Spin-on elements, Suction strainers, Filler breathers for hydraulic, lubrication oil, fuel and air.

Moreover Filtrec replacement elements fit in filter housings made by any other manufacturers, i.e. they fit geometrically as well as in terms of their filter performance.

Not only do Filtrec offer a wide variety of filter housings but are also experts in designing and manufacturing filter elements. The original Filtrec elements are ready for mounting in existent filter systems. With this complete range you can choose more than 50 000 different types of filter elements.

Our massive inventory allows you to order any part on short notice without having to provide your own warehousing.

We will gladly take your special requests and provide you with the items you need. All the Filtrec products are designed and engineered for quality professional performance and long term reliability.

ELECTRIC LEVEL INDICATORS

FLOWFIT



FLOATING LEVEL GAUGE BSP AND 3 HOLE MOUNT

Tank-top mounted they give an electrical signal when the minimum fluid level is reached. They are always supplied with open contacts.

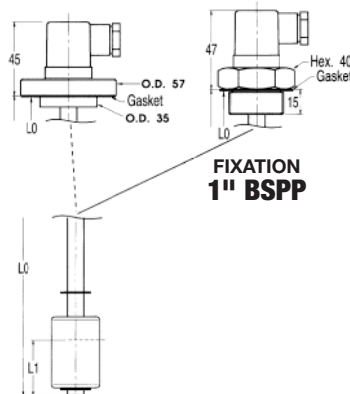
With just one contact you have both possible electric connections normally open or normally closed.

- Min or min/max level monitoring
- Compatible with mineral oils, oil-water emulsions, diesel and water
- Unsinkable float
- Electric contact hermetically sealed inside the float
- Flanged or nut type fixation to tank cover

PART NUMBER	LENGTH (LO)	PRICE
FLG100	100mm	£111.58
FLG150	150mm	£114.83
FLG200	200mm	£117.34
FLG250	250mm	£119.63
FLG300	300mm	£122.89
FLG350	350mm	£122.89
FLG400	400mm	£128.22
FLG450	450mm	£128.22
FLG550	500mm	£135.14

VOLTAGE All voltages DC/AC up to 240V	TEMPERATURE RANGE -10 to +80°C	Electric connections
MAX CURRENT 220V, 60W, 60VA, A1	MAX PRESSURE 12 Bar	

ORDER JUST THE ONE AND YOU HAVE ALL THREE
FIXING POINTS IN ONE LEVEL GAUGE

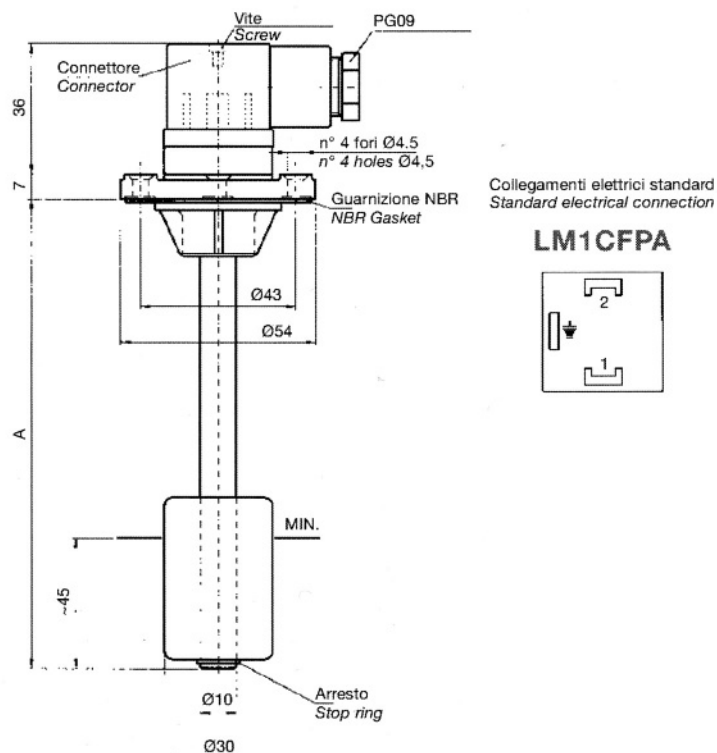


ELECTRIC FLOAT LEVEL SWITCHES 2 HOLE MOUNT

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.

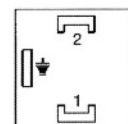
PART NUMBER	LENGTH (A)	PRICE
LM1CFPA150	150	£114.82
LM1CFPA200	200	£117.51
LM1CFPA250	250	£119.63
LM1CFPA300	300	£122.89
LM1CFPA350	350	£122.89
LM1CFPA400	400	£128.22
LM1CFPA450	450	£128.22
LM1CFPA500	500	£135.14

LM1CFPA... LM2CFPA...



Collegamenti elettrici standard
Standard electrical connection

LM1CFPA



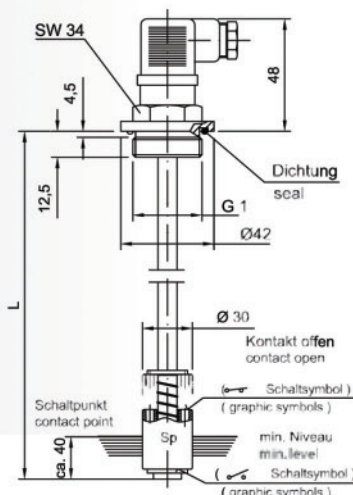
FILTREC
Technical Filtration

ASK FOR A COPY OF OUR FILTREC REPLACEMENT ELEMENTS
CATALOGUE.



SERIE NS 1

MIT 1 SCHALTCONTACT WITH 1 SWITCH CONTACT



ART.-NR. PART NO.	TYP TYPE	L	£ LIST
FLG1420	NS 1-NO/100	100	£95.83
FLG1422	NS 1-NO/150	150	£96.76
FLG1424	NS 1-NO/200	200	£97.68
FLG1426	NS 1-NO/250	250	£99.97
FLG1428	NS 1-NO/300	300	£102.26
FLG1430	NS 1-NO/350	350	£103.18
FLG1432	NS 1-NO/400	400	£107.30
FLG1434	NS 1-NO/500	500	£111.88

Kontakt offen bei max. Niveau
contact open with max. level



Kontakt geschlossen bei min. Niveau
contact closed with min. level



Durch Drehen des Schwimmers wird der Kontakt geändert auf:
Max. Niveau = Kontakt geschlossen
Min. Niveau = Kontakt offen

By turning the float the contact is changed to:
max. level = contact closed
min. level = contact open

PRODUKTBESCHREIBUNG

- Elektrische Niveauüberwachung
- Geeignet für Mineralöle, Diesel und Benzin
- 1 Schaltkontakt
- Elektrische Schaltung für Niveau, min./max.
- Standardausführung Niveau max = Kontakt offen

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

TECHNISCHE DATEN

TECHNICAL DATA

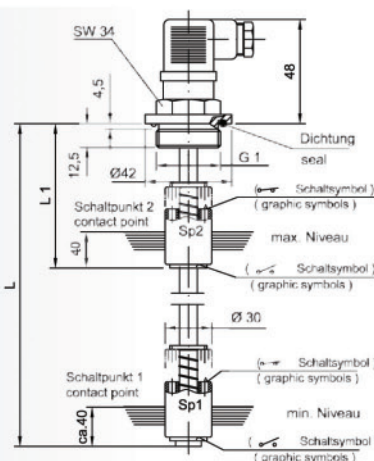
- **Kontaktrohr / Stem:** Messing / Brass
- **Schwimmer / Float:** Nylon
- **Max. Temp:** 80° C
- **Schutzart / Protection:** IP 65
- **Hysteresis / Hysteresis:** 2-3 mm
- **Max. Volt / Max voltage:** 250 VAC
- **Max. Schaltstrom / Max switch current:** Niveau 1,3 A / Level 1.3 A
- **Power AC/DC Niveau/Level:** 80 W/VA

NIVEAU-SCHWIMMSCHALTER

LEVEL SWITCHES

SERIE NS 2

MIT 2 SCHALTCONTACTEN WITH 2 SWITCH CONTACTS



ART.-NR. PART NO.	TYP TYPE	L	L ₁	£ LIST
FLG 1457	NS 2-NO/250/105	250	105	£272.40
FLG 1459	NS 2-NO/300/105	300	105	£272.40
FLG 1461	NS 2-NO/350/115	350	115	£272.40
FLG 1463	NS 2-NO/400/115	400	115	£282.92
FLG 1465	NS 2-NO/500/125	500	125	£282.92

Kontakt offen bei max. Niveau
contact open with max. level



Kontakt geschlossen bei min. Niveau
contact closed with min. level



Kontakt offen bei max. Niveau
contact open with max. level



Kontakt geschlossen bei min. Niveau
contact closed with min. level



Durch Drehen des Schwimmers wird der Kontakt geändert auf:
Max. Niveau = Kontakt geschlossen
Min. Niveau = Kontakt offen

By turning the float the contact is changed to:
max. level = contact closed
min. level = contact open

PRODUKTBESCHREIBUNG

- Elektrische Niveauüberwachung
- Geeignet für Mineralöle, Diesel und Benzin
- 2 Schaltkontakte
- Elektrische Schaltung für Niveau, min./max.
- Standardausführung Niveau max = Kontakt offen

DESCRIPTION

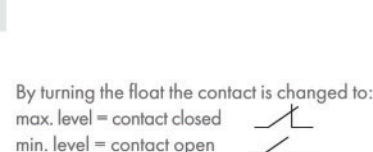
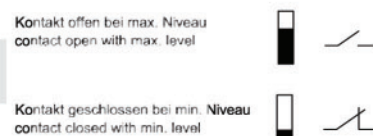
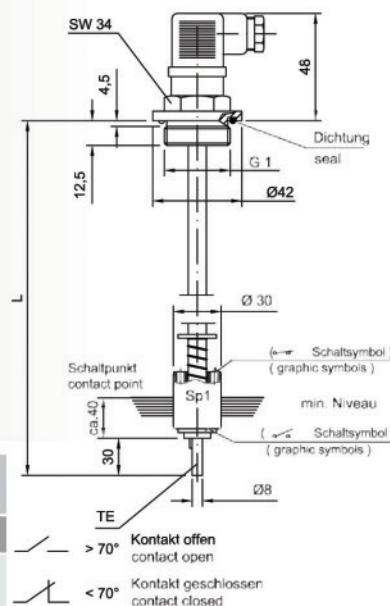
- Electrical level supervision
- Appropriate for mineral oil, diesel and benzine
- 2 switch contacts
- Electrical circuit for level, min/max
- Standard version level max = contact open

TECHNISCHE DATEN

TECHNICAL DATA

- **Kontaktrohr / Stem:** Messing / Brass
- **Schwimmer / Float:** Nylon
- **Max. Temp:** 80° C
- **Schutzart / Protection:** IP 65
- **Hysteresis / Hysteresis:** 2-3 mm
- **Max. Volt / Max voltage:** 250 VAC
- **Max. Schaltstrom / Max switch current:** Niveau 1,3 A / Level 1.3 A
- **Power AC/DC Niveau/Level:** 80 W/VA

SERIE NS 1-TE

MIT TEMPERATURSCHALTER
WITH TEMPERATURE SWITCH

PRODUKTBESCHREIBUNG

- Elektrische Niveau- und Temperaturüberwachung
- Geeignet für Mineralöle, Diesel und Benzin
- 1 Schaltkontakt Niveau / 1 Schaltkontakt Temperatur
- Elektrische Schaltung für Niveau, min. / max.
- Standardausführung Niveau max = Kontakt offen
- Elektrische Schaltung für Temperatur < 70° Kontakt geschlossen

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

TECHNISCHE DATEN
TECHNICAL DATA

- **Kontaktröhr / Stem:** Messing / Brass
- **Schwimmer / Float:** Nylon
- **Max. Temp:** 80° C
- **Schutzart / Protection:** IP 65
- **Hysteresis / Hysteresis:** 2-3 mm
- **Max. Volt / Max voltage:** 250 VAC
- **Max. Schaltstrom / Max switch current:** Niveau 1,3 A Temperatur 0,5 A
- **Power AC/DC Niveau/Level:** 80W/VA
- **Power AC/DC Temperatur:** 10W/VA

ART.-NR. PART NO.	TYP TYPE	L	TEMP.	£ LIST
FLG1502	NS 1-NO / 150 TE 70° NC	150	70°	£191.21
FLG1504	NS 1-NO / 200 TE 70° NC	200		£191.21
FLG1505	NS 1-NO / 240 TE 70° NC	240		£191.21
FLG1506	NS 1-NO / 250 TE 70° NC	250		£191.21
FLG1508	NS 1-NO / 300 TE 70° NC	300		£191.21
FLG1510	NS 1-NO / 350 TE 70° NC	350		£191.21
FLG1512	NS 1-NO / 400 TE 70° NC	400		£204.97
FLG1513	NS 1-NO / 450 TE 70° NC	450		£204.97
FLG1514	NS 1-NO / 500 TE 70° NC	500		£204.97

Durch Drehen des Schwimmers wird der Kontakt geändert auf:

Max. Niveau = Kontakt geschlossen

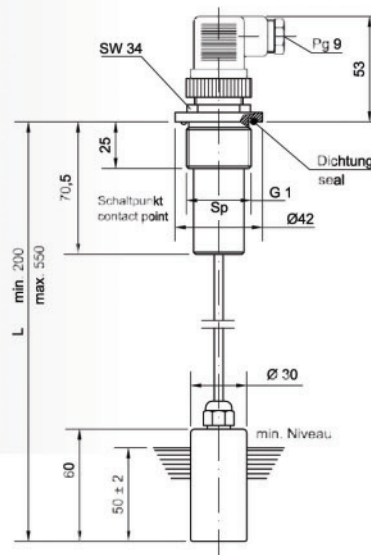
Min. Niveau = Kontakt offen

By turning the float the contact is changed to:

max. level = contact closed

min. level = contact open

SERIE NS 1-VR

MIT VARIABLEN SCHALTAKT
WITH VARIABLE SWITCH CONTACT

PRODUKTBESCHREIBUNG

- Elektrische Niveauüberwachung
- Geeignet für Mineralöle, Diesel und Benzin
- Variabel einstellbar von 200-500 mm durch Justierung / Kürzung des Kontaktröhres auf die gewünschte Länge

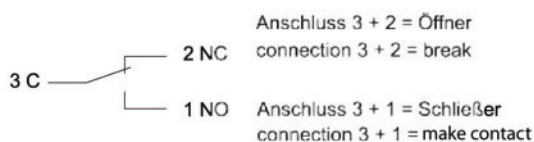
DESCRIPTION

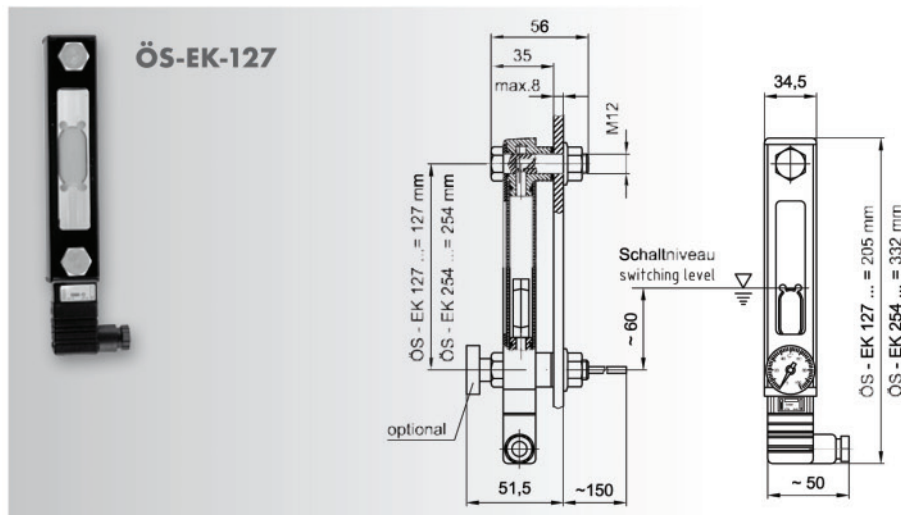
- Electrical level supervision
- Appropriate for mineral oil, diesel and benzine
- The indication level can be adjusted between 200-500 mm by cutting the stem of the length required

TECHNISCHE DATEN
TECHNICAL DATA

- **Kontaktröhr / Stem:** Indox aisi 304
- **Schwimmer / Float:** NBR
- **Max. Temp:** - 15... + 80° C
- **Hysteresis / Hysteresis:** 2-3 mm
- **Kontaktart / Type of contact:** Reed
- **Max. Volt / Max voltage:** 230 VAC
- **Max. Schaltstrom / Max. switch current:** Niveau 1,0 A / Level 1.0 A
- **Schutzart / Protection:** IP 65
- **Power AC/DC Niveau / Power AC/DC Level:** 50 W/VA

ART.-NR. PART NO.	TYP TYPE	£ LIST
FLG1410	NS 1-VR (200-550 mm)	£201.32





PRODUKTBESCHREIBUNG

- Geeignet für Hydrauliköle HL und HLP
- Optionaler Einsatz mit Fühlerthermometer
- Wahlweise als Öffner oder Schließer erhältlich
- Leistungsdose gemäß DIN EN 175301-803-B/ISO6952

DESCRIPTION

- Suitable for hydraulic oils HL and HLP
- Optional use with probe therm
- Alternatively available as brake contact or make contact
- Contact box acc. to DIN EN 175301-803-B / ISO6952

ART.-NR. PART NO.	TYP TYPE	£ LIST
FLG2366	ÖS-EK-127-FPM-C / M12 R/L	£176.10
FLG2367	ÖS-EK-127-FPM-O / M12 R/L	£176.10
FLG2377	ÖS-EK-127-FPM-CT / M12 R/L	£233.31
FLG2378	ÖS-EK-127-FPM-OT / M12 R/L	£233.31
FLG2387	ÖS-EK-254-FPM-C / M12 R/L	£219.20
FLG2382	ÖS-EK-254-FPM-O / M12 R/L	£219.20
FLG2383	ÖS-EK-254-FPM-CT / M12 R/L	£294.85
FLG2386	ÖS-EK-254-FPM-OT / M12 R/L	£294.85

WERKSTOFFE

- Gehäuse: AL (pulverbeschichtet)
- Stopfen, Schauglas: PA
- Schwimmer: PA

TECHNISCHE DATEN

- Druckmitteltemperaturbereich: -20°C ... +80°C
- Anzeigebereich Fühlerthermometer: 0°C bis +100°C
- Behältervorspanndruck: max. 1 bar
- Dichtungen: Viton
- Schraubenanzugsmoment: 8 Nm max.

MATERIALS

- Case: AL (power coated)
- Plug, inspection glass: PA
- Swimmer: PA

TECHNICAL DATA

- Temperature range of medium: -20°C ... +80°C
- Indication range probe therm: 0°C up +100°C
- Tank pressure: max. 1 bar
- Gaskets: viton
- Screw starting torque: 8 Nm max.

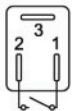
ELEKTRISCHE ANSCHLÜSSE / FUNKTION

- Kontaktbelastung: max. 10 W (Typ C) max. 5 W (Typ O)
- Schaltspannung: 50 VAC / DC
- Schaltstrom: 0.25 A
- Leistungsdose mit PG9: Schutzart IP 65 Anschluss 3 nicht belegt

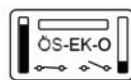
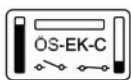
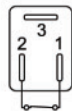
ELECTRICAL CONNECTIONS / FUNCTION

- Contact load: max. 10 W (Type C) max. 5 W (Type O)
- Turn-on voltage : 50 VAC/DC
- Switching current: 0.25 A
- Electrical switch PG9: connection 3 not engaged
- System of protection IP 65 connection 3 not engaged

Typ C

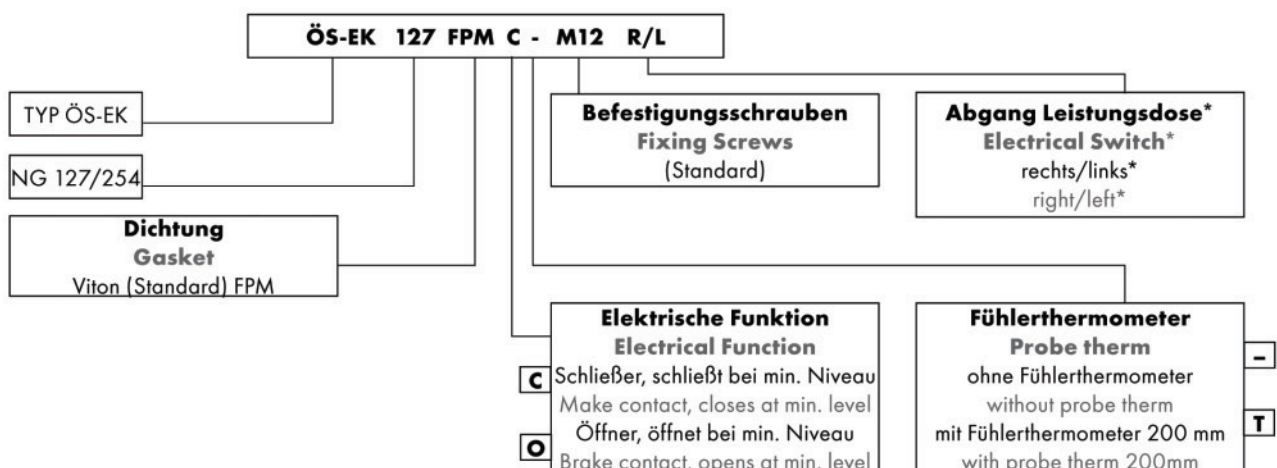


Typ O



BESTELLSCHLÜSSEL

ORDERING CODE



* Beim Anschluss der elektrischen Kontakte kann die Abgangsrichtung der Leitungsdose (rechts/links) der Typen C und O selber bestimmt werden.

* Regarding the connection of the electrical contacts the direction of the contact box (right or left) for the types C and O can be determined by the user.

FILTREC SIMPLEX AND DUPLEX INDUSTRIAL FILTERS

Filtrec industrial filters meet the most sophisticated requirements of modern equipment and plant applications. High efficiency, high dirt-holding capacity and reduced differential pressure are obtained with Filtrec elements.

INLINE SIMPLEX FILTERS



IFS—RHR RANGE
MAX FLOW: 4500 L/MIN
MAX WORKING PRESSURE: 25 BAR



OUTSIDE TO INSIDE FLOW DIRECTION

INLINE SIMPLEX FILTERS



IFS—R4 RANGE
MAX FLOW: 4500 L/MIN
MAX WORKING PRESSURE: 25 BAR



OUTSIDE TO INSIDE FLOW DIRECTION

INLINE SIMPLEX FILTERS

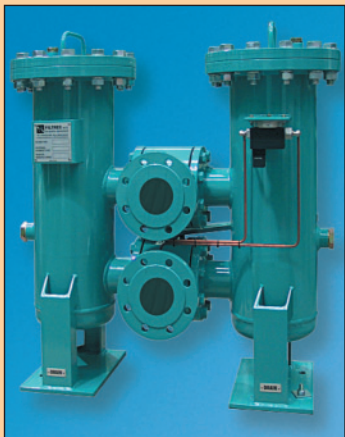


IFS—R9 RANGE
MAX FLOW: 4500 L/MIN
MAX WORKING PRESSURE: 25 BAR



INSIDE TO OUTSIDE FLOW DIRECTION

INLINE DUPLEX FILTERS



IFD—RHR RANGE
MAX FLOW: 4500 L/MIN
MAX WORKING PRESSURE: 25 BAR



OUTSIDE TO INSIDE FLOW DIRECTION

INLINE DUPLEX FILTERS

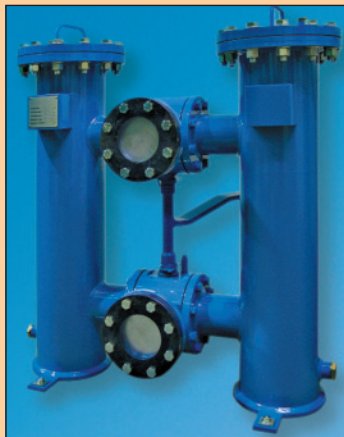


IFD—R4 RANGE
MAX FLOW: 4500 L/MIN
MAX WORKING PRESSURE: 25 BAR



OUTSIDE TO INSIDE FLOW DIRECTION

INLINE DUPLEX FILTERS

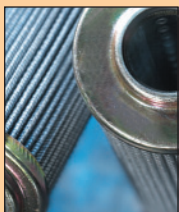


IFD—R9 RANGE
MAX FLOW: 4500 L/MIN
MAX WORKING PRESSURE: 25 BAR



INSIDE TO OUTSIDE FLOW DIRECTION

ASK FOR INFORMATION ON THE ABOVE WHICH CAN BE EMAILED, FAXED, SENT IN THE POST OR DOWNLOADED FROM www.flowfitonline.com



FILTREC

Technical Filtration

ASK FOR A COPY OF OUR FILTREC REPLACEMENT ELEMENTS CATALOGUE.



FK

OIL LEVEL SIGHT GLASSES (METAL)

- Aluminium threaded with glass face • Max temp. 150°C
- Max pressure 3 Bar • Knob type • Nitrile seals

Order No.	Thread BSP	Width MM	Price
FK14	1/4"	19	£4.01
FK38	3/8"	22.5	£5.09
FK12	1/2"	27	£6.87
FK34	3/4"	32	£10.96
FK10	1"	38	£11.68
FK114	1 1/4"	48	£22.41
FK112R	1 1/2"	55	£12.78
FK20R	2"	76	£134.14

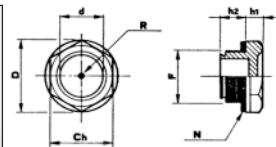


OIL LEVEL SIGHT GLASS (PLASTIC)

- 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 Polyimide resin, which offers high mechanical resistance and withstands oil, gasoline, fuel and most solvents.

SLNS

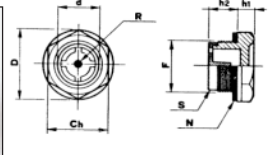
THREADED OIL LEVEL INDICATORS



Order No.	Ch	F	D	d	h1	h2	Nm	Price
SLNS14	17	1/4" BSP	20	15	7	8	6	£2.76
SLNS38	18	3/8" BSP	22	14	6.5	10.5	8	£3.30
SLNS12	24	1/2" BSP	28	16	8	11	12	£3.25
SLNS34	30	3/4" BSP	35	21	8	12	16	£8.68
SLNS1	35	1" BSP	43	32	11	12		£6.15
SLNS114	42	1 1/4" BSP	51	33	10	16		£12.62
SLNS112	50	1 1/2" BSP	58	40	10	20		£15.89
SLNS2	64	2" BSP	74	48	12	20		£21.81

SLNT

THREADED OIL LEVEL INDICATORS WITH CONTRAST SCREEN FOR CLEARER INDICATION OF THE OIL LEVEL



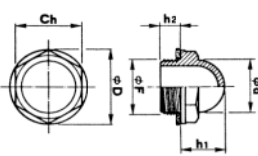
R = Red Indicator point
N = Gasket
S = Contrast Screen

Order No.	Ch	F	D	d	h1	h2	Nm	Price
SLNT38	18	3/8" BSP	22	14	6.5	10.5	8	£3.82
SLNT12	24	1/2" BSP	28	16	8	11	12	£4.27
SLNT34	30	3/4" BSP	35	21	8	12	16	£5.86
SLNT1	35	1" BSP	43	32	11	12		£8.01
SLNT114	42	1 1/4" BSP	51	33	10	16		£12.91
SLNT112	50	1 1/2" BSP	58	40	10	20		£16.48
SLNT2	64	2" BSP	74	48	12	20		£22.21

LSB

OIL LEVEL INDICATOR IN TRANSPARENT THERMO PLASTIC

- 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.

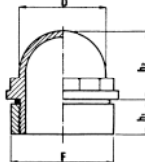


Order No.	Thread BSP	Ch	D	d	h1	h2	Nm	Price
LSB38	3/8"	19	22	15	16	10	8	£3.67
LSB12	1/2"	24	28	20	17	10	12	£4.13
LSB34	3/4"	30	35	25	20	10	16	£5.63
LSB1	1"	36	42	31	24	10.5		£7.71

CF2

CF - DOME SHAPED THREADED OIL LEVEL INDICATOR GF - STEEL MOUNTING FLANGE

- 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.

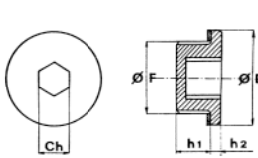


Order No.	Thread BSP	D	h1	h2	Price
CF2	2"	59	22	32	£7.95
CF3	3"	85	32	63	£22.24
GF2	2"	70	20		£29.83
GF3	3"	102	30		£37.52

TCNB

LOW PROFILE PLUGS

- 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
TCNB14	1/4" BSP	6	20	8	2.5	3	5	£2.09
TCNB38	3/8" BSP	8	22.5	10.5	3.5	6		£2.31
TCNB12	1/2" BSP	10	28.5	10.5	3.5	8	10	£2.76
TCNB34	3/4" BSP	12	35	10.5	4	10	18	£3.76

TCN

OIL FILL PLUGS

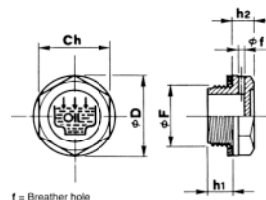
TCNS

OIL FILL PLUG WITH BREATHER HOLE

TSN

OIL DRAIN PLUG

- 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	Price
TCN							
TCN14	1/4" BSP	17	19.5	9	7	5	£1.93
TCN38	3/8" BSP	18	22	10	7.5	8	£2.18
TCN12	1/2" BSP	24	28	11	7.5	9	£2.60
TCN34	3/4" BSP	30	34	11	9	11	£3.55
TCN1	1" BSP	35	42	12	10.5		£4.92
TCN114	1 1/4" BSP	42	51	13.5	12		£7.35
TCN112	1 1/2" BSP	50	58	16	10		£8.29
TCN2	2" BSP	64	74	16	12		£13.75

Type	F	Ch	D	h1	h2	Nm	Price
TCNS							
TCNS14	1/4" BSP	17	19.5	9	7	5	£1.67
TCNS38	3/8" BSP	18	22	10	7.5	8	£1.84
TCNS12	1/2" BSP	24	28	11	7.5	9	£2.77
TCNS34	3/4" BSP	30	34	11	9	11	£2.80
TCNS1	1" BSP	35	42	12	10.5		£4.13
TCNS114	1 1/4" BSP	42	51	13.5	12		£6.05
TCNS112	1 1/2" BSP	50	58	16	10		£7.83
TCNS2	2" BSP	64	74	16	12		£11.86

Type	F	Ch	D	h1	h2	Nm	Price
TSN							
TSN14	1/4" BSP	17	19.5	9	7	5	£1.92
TSN38	3/8" BSP	18	22	10	7.5	8	£2.18
TSN12	1/2" BSP	24	28	11	7.5	9	£2.60
TSN34	3/4" BSP	30	34	11	9	11	£3.55
TSN1	1" BSP	35	42	12	10.5		£4.92
TSN114	1 1/4" BSP	42	51	13.5	12		£4.92
TSN112	1 1/2" BSP	50	58	16	10		£7.33
TSN2	2" BSP	64	74	16	12		£8.29

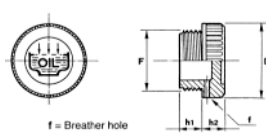
TCZ

KNURLED OIL FILL PLUG

TCZS

KNURLED OIL FILL PLUG WITH BREATHER HOLE

- Threaded plug with knurled head in Thermoplastic material (Polyimide 66) ensuring high mechanical resistance at both low and high temperature (max. 100/110°C). Excellent dimensional stability and shock resistant.
- 'O' ring seal or 70 shore rubber seal.
- Available in standard black colour, red on request.
- Style TCZ and TCZS have molded UNI fill symbol and the text "OIL" molded on top.
- Style TSZ has the UNI drain symbol molded on top.
- The style TCZS incorporates a breather hole, located on the knurled rim with a diameter of 2-3mm.



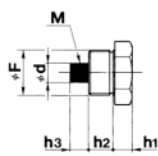
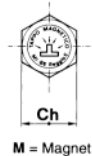
Type	F	D	h1	h2	Price
TCZ					
TCZ14	1/4" BSP	20	9	9	£1.98
TCZ38	3/8" BSP	20.5	10	9	£2.18
TCZ12	1/2" BSP	28	10.5	10.5	£2.60
TCZ34	3/4" BSP	31	11	12	£3.55
TCZ1	1" BSP	39	12	12	£4.92
TCZ114	1 1/4" BSP	49	13.5	13	£7.63
TCZ112	1 1/2" BSP	55	14.5	14.7	£8.87
TCZ2	2" BSP	68.5	16	15	£13.75

Type	F	D	h1	h2	Price
TCZS					
TCZS14	1/4" BSP	20	9	9	£2.77
TCZS38	3/8" BSP	20.5	10	9	£2.38
TCZS12	1/2" BSP	28	10.5	10.5	£2.72
TCZS34	3/4" BSP	31	11	12	£3.87
TCZS1	1" BSP	39	12	12	£5.11
TCZS114	1 1/4" BSP	49	13.5	13	£7.60
TCZS112	1 1/2" BSP	55	14.5	14.7	£9.56
TCZS2	2" BSP	68.5	16	15	£14.06

TMA

ALUMINIUM DRAIN PLUG WITH MAGNET

- 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



M = Magnet

Type	F	Ch	d	h1	h2	Price
TMA14	1/4"BSP	18	8	7	10	£8.62
TMA38	3/8"BSP	22	10	7	10	£12.48
TMA12	1/2"BSP	27	10	8	10	£13.10
TMA34	3/4"BSP	34	13	8	10	£21.95
TMA1	1"BSP	40	13	8	14	£29.78

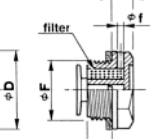
TCSA

OIL FILL PLUG WITH BREATHER AND VANE

TCSF

OIL FILL PLUG WITH BREATHER, VANE AND FILTER

- Hex head oil fill plug made from Thermoplastic material (Polyimide 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.

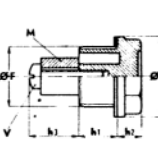


Type	F	Ch	D	h1	h2	Nm	Price
TCSA							
TCSA14	1/4" BSP	17	19.5	9	7	5	£2.31
TCSA38	3/8" BSP	18	22	10	7.5	8	£2.64
TCSA12	1/2" BSP	24	28	11	7.5	9	£2.84
TCSA34	3/4" BSP	30	34	11	9	11	£3.91
TCSA1	1" BSP	35	42	12	10.5		£5.26
TCSA114	1 1/4" BSP	42	51	13.5	12		£7.12
TCSF							
TCSF38	3/8" BSP	18	22	10	7.5	8	£4.27
TCSF12	1/2" BSP	24	28	11	7.5	9	£4.57
TCSF34	3/4" BSP	30	34	11	9	11	£6.32
TCSF1	1" BSP	35	42	12	10.5		£7.79
TCSF114	1 1/4" BSP	42	51	13.5	12		£7.12

TM

DRAIN PLUG WITH MAGNET

- 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.

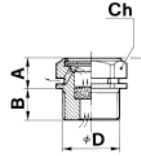


Type	F	Ch	D	h1	h2	h3	Price
TM14	1/4"	17	20	9	7	5	£6.68
TM38	3/8"	18	22	10	7.5	10	£8.62
TM12	1/2"	24	27	11	8	9	£9.96
TM34	3/4"	30	34	11	9	6.5	£13.37
TM1	1"	35	42	12	10.5	14	£17.31

KMF

METAL FILLER PLUG WITH FILTER

- 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

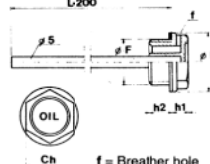


Type	ØD	Ch	A	B	Price
KMF14	1/4"BSP	18	13	9	£10.53
KMF38	3/8"BSP	22	14	10	£12.96
KMF12	1/2"BSP	27	14	10	£14.27

TCAS

HEX PLUG WITH DIPSTICK AND BREATHER HOLE

- Hex threaded plug with dipstick (diam. 4.5mm steel), material plug: (Polyimide 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	Price
TCAS						
TCAS14	1/4" BSP	17	19	7	9	£4.10
TCAS38	3/8" BSP	18	22	7.5	10	£4.35
TCAS12	1/2" BSP	24	28	7.5	11	£4.62
TCAS34	3/4" BSP	30	34	9	11	£5.69
TCAS1	1" BSP	35	42	10.5	12	£6.85
TCAS114	1 1/4" BSP	42	51	12	13.5	£9.00
TCAS2	2" BSP	64	74	13.5	16	£14.54

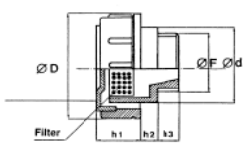
TMD

FILLER BREATHER WITH DOUBLE BREATHER HOLE

TMDF

FILLER BREATHER WITH DOUBLE BREATHER HOLE AND FILTER

- 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	Price
TMD							
TMD38	3/8"	36	23	17	5	11	£5.97
TMD12	1/2"	41	28	18	5	12	£6.75
TMD34	3/4"	47	33	17	5	12	£7.93
TMD1	1"	52	38	20	5	12	£9.78
TMD114	1 1/4"	63	49	23	5	13	£12.66
TMD112	1 1/2"	63	55	23	5	13.5	£13.37
TMDF							
TMDF38	3/8" BSP	36	23	17	5	11	£8.84
TMDF12	1/2" BSP	41	28	18	5	12	£10.03
TMDF34	3/4" BSP	47	33	17	5	12	£11.20
TMDF1	1" BSP	52	38	20	5	12	£13.84
TMDF114	1 1/4" BSP	63	49	23	5	13	£17.47
TMDF112	1 1/2" BSP	63	55	23	5	13.5	£18.43

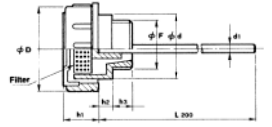
TMDA

FILLER BREATHER WITH LARGE BREATHER HOLE AND DIPSTICK

TMDFA

FILLER BREATHER WITH LARGE BREATHER HOLE, DIPSTICK AND FILTER

- 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	Price
TMDA							
TMDA38	3/8" BSP	36	23	17	5	11	£8.38
TMDA12	1/2" BSP	41	28	18	5	12	£9.18
TMDA34	3/4" BSP	47	33	17	5	12	£11.42
TMDA1	1" BSP	52	38	20	5	12	£12.32
TMDA114	1 1/4" BSP	63	49	23	5	13	£16.04
TMDA112	1 1/2" BSP	63	55	23	5	13.5	£16.13
TMDFA							
TMDFA38	3/8" BSP	36	23	17	5	11	£11.89
TMDFA12	1/2" BSP	41	28	18	5	12	£13.10
TMDFA34	3/4" BSP	47	33	17	5	12	£15.32
TMDFA1	1" BSP	52	38	20	5	12	£16.04
TMDFA114	1 1/4" BSP	63	49	23	5	13	£20.50
TMDFA112	1 1/2" BSP	63	55	23	5	13.5	£22.08

TSF

NEW VENT PLUG TO REDUCE OIL OIL DAMP ESCAPE

- Filler Breather with easy grip vertical ribs, manufactured from Thermoplastic material (Polyimide 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.



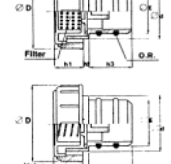
Type	F	D	h1	h2	Price
TSF14	1/4" BSP	30	21	10	£5.83
TSF38	3/8" BSP	30	21	10	£6.38
TSF12	1/2" BSP	30	21	10	£6.85

*On request available in NPT

TPF

PRESS-FIT FILLER BREATHER WITH LARGE BREATHER HOLE AND FILTER

- 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 Polyimide 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 TPF/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 use on mobile equipment, where strong movement of the oil tank is present.



Type	F	D	d	h1	h2	h3	Price
------	---	---	---	----	----	----	-------