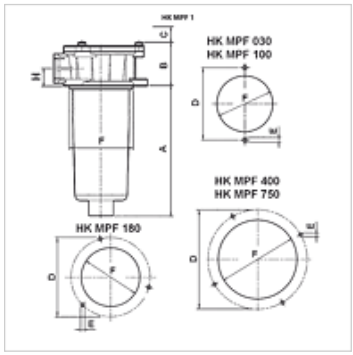
HK MPF
Return flow filter complete

HANSA-FLEX

Properties

Design	with bypass valve 1.75 bar, without clogging indicator A10: with inorganic filter (10 µm), absolute filtration P10: paper filter (10 µm), nominal filtration
Temp. min.	-25 °C
Temp. max.	110 °C
Material	Gasket: NBR
Operating pressure	max. 8 bar





Note

Dimension "C": clearance required for changing the filter element

Description

Return flow filter for fitting into the tank cap; dimensions for drilling pattern see graphic.
Pressure differential for filter element paper (P) max. 3 bar
Pressure differential for inorganic filter element (A) max. 10 bar
Connector for clogging indicator G 1/8" closed with bolt
Design (Qmax.) for medium ISO VG 46
at 50°C (30 mm2/s) at Δptot = 0.4 bar

Ordering information

Filter materials for other types of oil, viscosities or temperatures available on request

Item

Identification	Filter mesh size (µm)	Filter area (m2)	Line connection	Ø d (mm)	Q max. (L/min)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L6 (mm)	Weight (kg)
HK MPF 030 1 G1 A10	10,0	335	G 1/2"	66,0	24	86	56,0	100	90	7,0	66,0	22,0	100,0	86,0	56,0	22,0	90,0	0,36
HK MPF 030 1 G1 P10	10,0	410	G 1/2"	-	60	86	56,0	100	90	7,0	66,0	22,0	-	-	-	-	-	0,36
HK MPF 100 1 G1 A10	10,0	630	G 1/2"	88,0	53	100	80,0	120	115	8,5	88,0	28,0	120,0	100,0	80,0	28,0	115,0	0,74
HK MPF 100 1 G1 P10	10,0	1020	G 1/2"	-	86	100	80,0	120	115	8,5	88,0	28,0	-	-	-	-	-	0,74
HK MPF 100 1 G2 A10	10,0	630	G 3/4"	88,0	53	100	80,0	120	115	8,5	88,0	28,0	120,0	100,0	80,0	28,0	115,0	0,74
HK MPF 100 1 G2 P10	10,0	1020	G 3/4"	-	86	100	80,0	120	115	8,5	88,0	28,0	-	-	-	-	-	0,74
HK MPF 100 1 G3 A10	10,0	630	G 1"	-	53	100	80,0	120	115	8,5	88,0	28,0	-	-	-	-	-	0,74
HK MPF 100 1 G3 P10	10,0	1020	G 1"	-	86	100	80,0	120	115	8,5	88,0	28,0	-	-	-	-	-	0,74
HK MPF 100 2 G2 A10	10,0	1000	G 3/4"	-	64	150	80,0	170	115	8,5	88,0	28,0	-	-	-	-	-	0,76
HK MPF 100 2 G2 P10	10,0	1660	G 3/4"	-	110	150	80,0	170	115	8,5	88,0	28,0	-	-	-	-	-	0,76
HK MPF 100 2 G3 A10	10,0	1000	G 1"	-	64	150	80,0	170	115	8,5	88,0	28,0	-	-	-	-	-	0,76
HK MPF 100 2 G3 P10	10,0	1660	G 1"	-	110	150	80,0	170	115	8,5	88,0	28,0	-	-	-	-	-	0,76
HK MPF 100 3 G2 A10	10,0	1730	G 3/4"	-	125	225	80,0	250	115	8,5	88,0	28,0	-	-	-	-	-	0,88
HK MPF 100 3 G2 P10	10,0	1900	G 3/4"	-	220	225	80,0	250	115	8,5	88,0	28,0	-	-	-	-	-	0,88
HK MPF 100 3 G3 A10	10,0	1730	G 1"	-	125	225	80,0	250	115	8,5	88,0	28,0	-	-	-	-	-	0,88
HK MPF 100 3 G3 P10	10,0	1900	G 1"	-	220	225	80,0	250	115	8,5	88,0	28,0	-	-	-	-	-	0,88
HK MPF 180 1 G1 A10	10,0	4300	G 1.1/4"	-	230	231	89,0	250	175	10,7	129,0	35,0	-	-	-	-	-	1,86
HK MPF 180 1 G1 P10	10,0	4000	G 1.1/4"	-	280	231	89,0	250	175	10,7	129,0	35,0	-	-	-	-	-	1,86
HK MPF 400 1 G1 A10	10,0	4740	G 1.1/4"	173,5	290	178	98,5	200	220	11,5	173,5	38,5	200,0	178,0	98,5	38,5	220,0	3,42
HK MPF 400 1 G1 P10	10,0	4480	G 1.1/4"	-	370	178	98,5	200	220	11,5	173,5	38,5	-	-	-	-	-	3,42
HK MPF 400 1 G2 A10	10,0	4740	G 1.1/2"	-	290	178	98,5	200	220	11,5	173,5	38,5	-	-	-	-	-	3,42
HK MPF 400 1 G2 P10	10,0	4480	G 1.1/2"	-	370	178	98,5	200	220	11,5	173,5	38,5	-	-	-	-	-	3,42
HK MPF 400 1 G3 A10	10,0	4740	G 2"	-	290	178	98,5	200	220	11,5	173,5	38,5	-	-	-	-	-	3,42
HK MPF 400 1 G3 P10	10,0	4480	G 2"	-	370	178	98,5	200	220	11,5	173,5	38,5	-	-	-	-	-	3,42
HK MPF 400 2 G2 A10	10,0	6930	G 1.1/2"	-	450	238	98,5	250	220	11,5	173,5	38,5	-	-	-	-	-	3,48
HK MPF 400 2 G2 P10	10,0	6550	G 1.1/2"	-	610	238	98,5	250	220	11,5	173,5	38,5	-	-	-	-	-	3,48
HK MPF 400 2 G3 A10	10,0	6930	G 2"	-	450	238	98,5	250	220	11,5	173,5	38,5	-	-	-	-	-	3,48
HK MPF 400 2 G3 P10	10,0	6550	G 2"	-	610	238	98,5	250	220	11,5	173,5	38,5	-	-	-	-	-	3,48
HK MPF 400 3 G2 A10	10,0	8760	G 1.1/2"	-	540	288	98,5	310	220	11,5	173,5	38,5	-	-	-	-	-	3,68
HK MPF 400 3 G2 P10	10,0	8280	G 1.1/2"	-	675	288	98,5	310	220	11,5	173,5	38,5	-	-	-	-	-	3,68
HK MPF 400 3 G3 P10	10,0	8280	G 2"	-	675	288	98,5	310	220	11,5	173,5	38,5	-	-	-	-	-	3,68
HK MPF 750 1 F1 A10	10,0	11400	2" SAE 3000 PSI/M	-	620	430	105,0	450	220	11,5	173,5	48,5	-	-	-	-	-	5,68

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.

HK MPF
Return flow filter complete

Item

Identification	Filter mesh size (µm)	Filter area (m2)	Line connection	Ø d (mm)	Q max. (L/min)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L6 (mm)	Weight (kg)
HK MPF 750 1 F1 P10	10,0	13450	2" SAE 3000 PSI/M	-	750	430	105,0	450	220	11,5	173,5	48,5	-	-	-	-	-	5,68
HK MPF 750 1 G1 A10	10,0	11400	G 2"	-	620	430	105,0	450	220	11,5	173,5	48,5	-	-	-	-	-	5,68

A10 with inorganic filter (10 µm), absolute filtration – P10 paper filter (10 µm), nominal filtration – Qmax - max intake volumetric flow

Accessories

HK MPF TE	Pipe extension for return flow filter MPF
HK VA MAN	Clogging indicator pressure gauge

Spare parts

HK MF P10 / A10	Filter element for return flow filter MPF
HK MPF GEH	Housing for return flow filter MPF

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