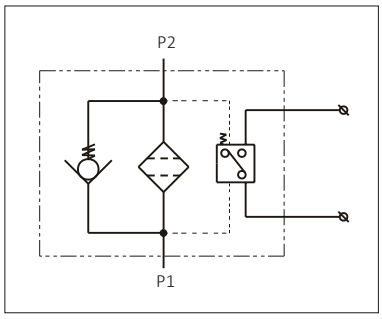
MMFPLF Pressure Line Series





Technical specification

Application:	In-line pressure filters
Port size:	G 1" - G 1 ", Flanged
Flow rate:	max. 660 LPM
Working pressure:	max. 63, 160, 320 Bar
Element collapse pressure:	21 Bar
Bypass opens:	Δp 5 Bar
Seals:	Perbunan
Material:	Cast steel head and bowl
Compatibility	Suitable for mineral oils, lubrication oils, non-flam fluids, synthetic and rapidly biodegradable oils (for use with water, please contact our technical dept.)
Tested according to ISO standards:	ISO2941 Collapse/burst resistance ISO2942 Fabrication integrity ISO2943 Material compatibility integrity ISO3723 Method for end load test ISO3724 Flow fatigue characteristics ISO3968 Pressure drop vs. Flow ISO16889 Multi-pass (filtration performance)

Technical specification subject to change without prior notice. Other specification on request 013/07/23

FILTER SELECTOR

Select your filter requirements here.

Filter element

MMEPLF ☐ ☐

MMFPLF HO M 160 20 1

In-line Pressure Filter

WG: Water Glycol
HO: Hydraulic Oil

Pressure options
L: 63 Bar
M: 160 Bar
H: 320 Bar

Flow rate (30, 60, 110, 160, 240, 330, 500 or 660 l/min)

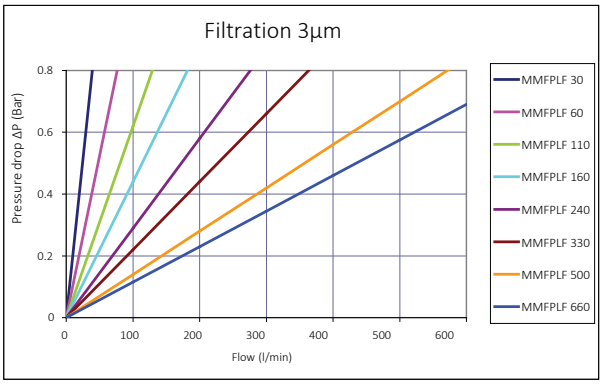
Filtration rating (3, 6, 12 or 20µ)

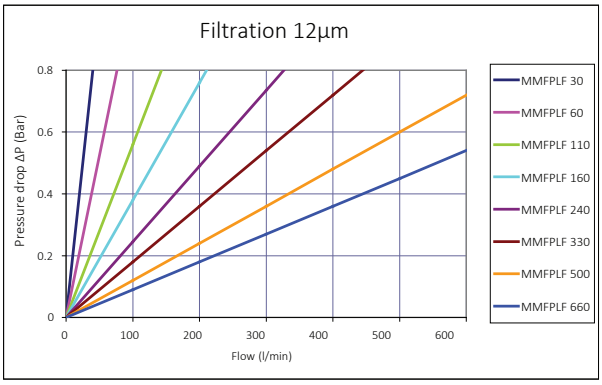
0: without CMS indicator
1: with CMS indicator

Unsure? Contact us.

Technical data

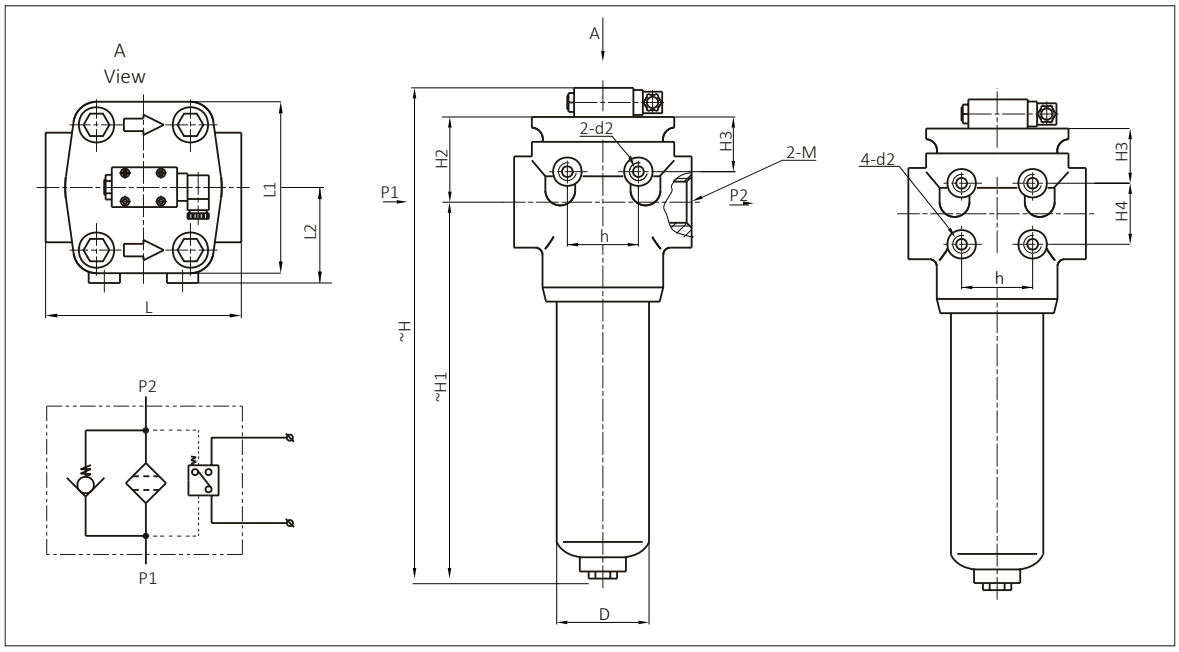
Model	Flow rate (l/min)	Connection	Filtration rating (µ m)	Pressure options (Bar)	Initial ΔP (Bar) Initial	Max.	Indicator power (Volts/Watts)	Model of element
MMFPLF	30	Threaded	3	L=63	≤ 0.7	5	24/48	MMEPLF-30 + µ
MMFPLF	60							MMEPLF-60 + µ
MMFPLF	110							MMEPLF-110 + µ
MMFPLF	160		6					MMEPLF-160 + µ
MMFPLF	240	Flanged		M=160				MMEPLF-240 + µ
MMFPLF	330		12				220/50	MMEPLF-330 + µ
MMFPLF	500			H=320				MMEPLF-500 + µ
MMFPLF	660		20					MMEPLF-660 + µ





Technical specification subject to change without prior notice. Other specification on request. 2013/07/23

Mounting size threaded connection



63 Bar Pressure Line Filter

Model	Size (mm)											
	~H	~H1	H2	H3	H4	h	L	L1	L2	D	M	d2
MMFPLF-C30 T	223	136	52	39	-	35	110	88	56	73	2 - M33 x 2	2 - M10
MMFPLF-C60 T	239	152	52	39	-	35	110	88	56	73	2 - M33 x 2	2 - M10
MMFPLF-C110 T	308	221	52	39	-	35	110	88	56	73	2 - M42 x 2	2 - M10
MMFPLF-C160 T	290	196	59	39	45	45	140	114	69	95	2 - M48 x 2	2 - M10

160 Bar Pressure Line Filter

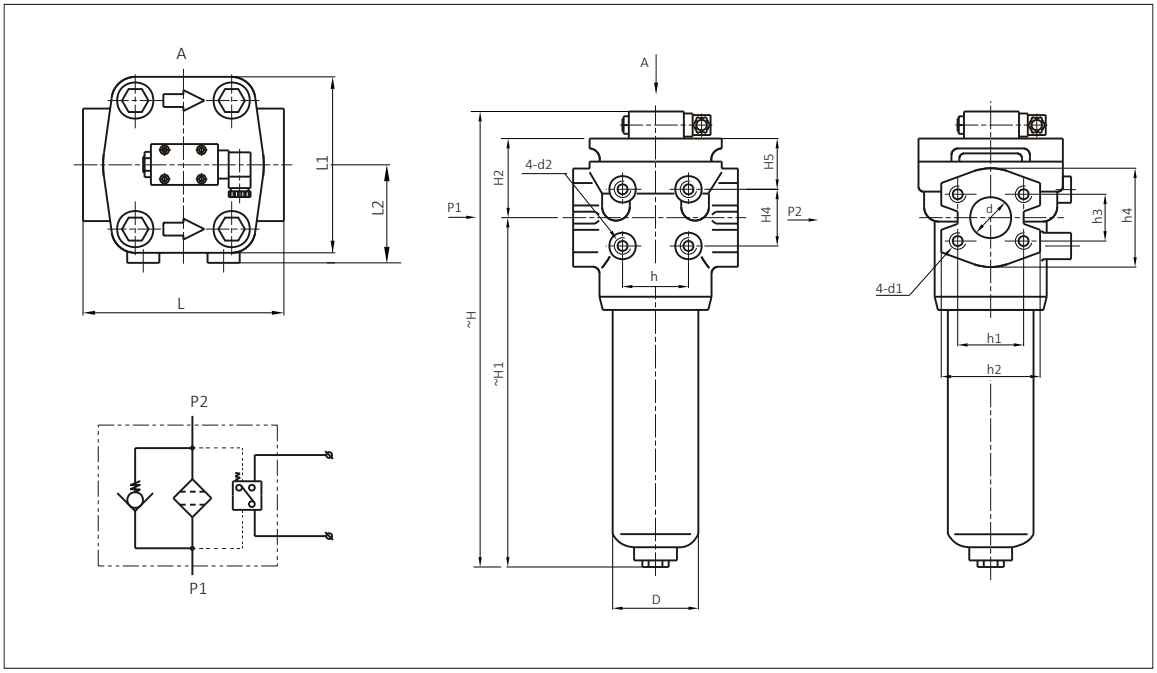
Model	Size (mm)											
	~H	~H1	H2	H3	H4	h	L	L1	L2	D	M	d2
MMFPLF-E30 T	223	136	52	39	-	35	110	100	62	73	2 - M33 x 2	2 - M10
MMFPLF-E60 T	239	152	52	39	-	35	110	100	62	73	2 - M33 x 2	2 - M10
MMFPLF-E110 T	308	221	52	39	-	35	110	100	62	73	2 - M42 x 2	2 - M10
MMFPLF-E160 T	294	196	63	43	45	45	140	130	77	95	2 - M48 x 2	2 - M10

320 Bar Pressure Line Filter

Model	Size (mm)											
	~H	~H1	H2	H3	H4	h	L	L1	L2	D	M	d2
MMFPLF-H30 T	239	146	58	45	-	35	118	114	69	73	2 - M33 x 2	2 - M10
MMFPLF-H60 T	255	162	58	45	-	35	118	114	69	73	2 - M33 x 2	2 - M10
MMFPLF-H110 T	329	236	58	45	-	35	118	114	69	73	2 - M42 x 2	2 - M10
MMFPLF-H160 T	319	215	69	49	45	50	150	140	82	102	2 - M48 x 2	2 - M10

Technical specification subject to change without prior notice. Other specification on request. 2013/07/23

Mounting size flanged connection



63 Bar Pressure Line Filter

Model	Size (mm)																
	~H	~H1	H2	H4	H5	h	h1	h2	h3	h4	L	L1	L2	D	d	d1	d2
MMFPLF-C240 F	348	254	59	45	39	45	69.9±0.25	94	35.7±0.25	82	140	114	69	95	2 - Ø38	4 – M12	4 – M10
MMFPLF-C330 F	350	249	66	55	46	65	77.8±0.25	102	42.9±0.25	96	180	144	90	133	2 - Ø51	4 – M12	4 – M12
MMFPLF-C500 F	443	342	66	55	46	65	77.8±0.25	102	42.9±0.25	96	180	144	90	133	2 - Ø51	4 – M12	4 – M12
MMFPLF-C660 F	517	416	66	55	46	65	77.8±0.25	102	42.9±0.25	96	180	144	90	133	2 - Ø51	4 – M12	4 – M12

320 Bar Pressure Line Filter

Model	Size (mm)																
	~H	~H1	H2	H4	H5	h	h1	h2	h3	h4	L	L1	L2	D	d	d1	d2
MMFPLF-H240 F	37	273	69	45	49	50	79.4±0.25	110	36.5±0.25	90	150	140	82	102	2 - Ø38	4 – M16	4 – M10
MMFPLF-H330 F	400	277	88	60	63	80	96.8±0.25	130	44.5±0.25	110	190	180	108	146	2 - Ø51	4 – M20	4 – M12
MMFPLF-H500 F	493	370	88	60	63	80	96.8±0.25	130	44.5±0.25	110	190	180	108	146	2 - Ø51	4 – M20	4 – M12
MMFPLF-H660 F	567	444	88	60	63	80	96.8±0.25	130	44.5±0.25	110	190	180	108	146	2 - Ø51	4 – M20	4 – M12

160 Bar Pressure Line Filter

Model	Size (mm)																
	~H	~H1	H2	H4	H5	h	h1	h2	h3	h4	L	L1	L2	D	d	d1	d2
MMFPLF-E240 F	352	254	63	45	43	45	69.9±0.25	94	35.7±0.25	82	140	130	77	95	2 - Ø38	4 – M12	4 – M10
MMFPLF-E330 F	368	257	76	55	56	75	77.8±0.25	102	42.9±0.25	96	180	164	100	140	2 - Ø51	4 – M12	4 – M12
MMFPLF-E500 F	461	350	76	55	56	75	77.8±0.25	102	42.9±0.25	96	180	164	100	140	2 - Ø51	4 – M12	4 – M12
MMFPLF-E660 F	535	424	76	55	56	75	77.8±0.25	102	42.9±0.25	96	180	164	100	140	2 - Ø51	4 – M12	4 – M12

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