PLFH系列

惠隆液压



高压过滤器

流量	最大660L/min
工作压力	最高32MPa

性能概述 DESCRIPTION

适用于高压管路系统液压油和润滑油的净化；安装在液压系统高压管路中

工作压力：最高压力32MPa　　工作温度：-25℃~120℃

发讯器发讯压差：0.5MPa　　旁通阀开启压差：0.6MPa

壳体材料：球墨铸铁　　联接形式：

工作介质：矿物油、乳化液、水-乙二醇、磷酸酯液压液

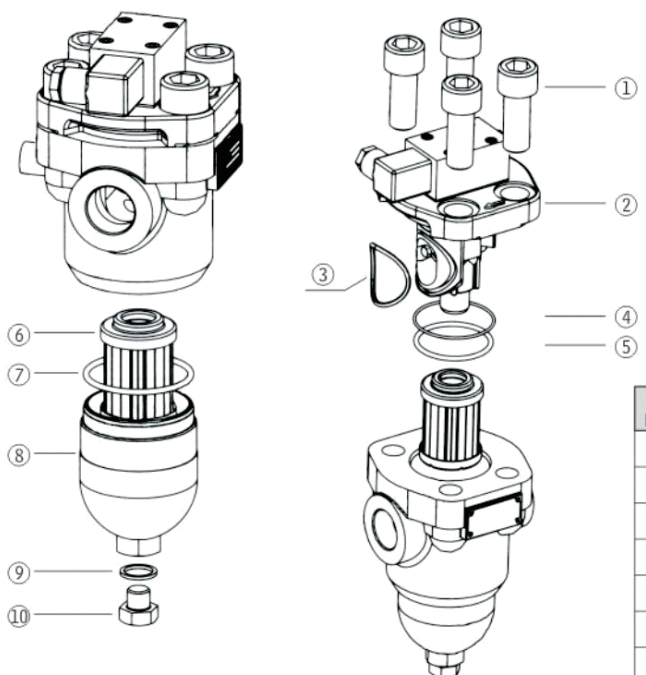
Being used in filtration of hydraulic oil and lubricants at high pressure

Operating pressure: Max.320 bar　　Operating temperature :-25℃~120℃

Setting pressure of clogging indicator :5 bar　　Bypass valve cracking pressure :6 bar

Filter housing material :ductile iron

Working substance :mineral oil ,emulsion ,water-glycol ,phosphate ester hydraulic oil (resin-impregnated paper only for mineral oil).





序号 Number	名称 Name	说明 Note
1	螺钉 Bolt	
2	滤盖组件 Cap components	
3	O形密封圈 O-ring	易损件 Wearing parts
4	O形密封圈 O-ring	易损件 Wearing parts
5	O形密封圈 O-ring	易损件 Wearing parts
6	滤芯 Element	易损件 Wearing parts
7	O形密封圈 O-ring	易损件 Wearing parts
8	壳体 Housing	
9	密封垫 Seal	易损件 Wearing parts
10	螺塞 Screw	

▶ 系列型谱 ORDERING INFORMATION

过滤器型号Filter Assembly

PLFH	240	FD	C1	3	1	F4

代号 Code	流量（L/min) Flow rate
030	30
060	060
110	110
160	160
240	240
330	330
420	420
660	660

代号Code	发讯器类型Indicator option
0	无压差发讯器 Without differential pressure dicator
C1	电视式压差发讯器 electrical differential pressure indicator

代号Code	旁通阀Bypass valve
0	无旁通阀Without bypass valve
1	装旁通阀With bypass valve

代号Code	工作介质 Working substance
1	矿物油、乳化液 oil, emulsion
2	磷酸酯液压液 Phosphate ester
3	水-乙二醇 Water-glycol

代号Code	滤芯压差 Element pressure drop (MPa)
无标记 No sign	2.1
1	21

代号Code	过滤材料及精度 Filtration material and filtration rating in μm
FT	无机纤维Inorganic fibers β3(c)≥200
FC	无机纤维Inorganic fibers β5(c)≥200
FD	无机纤维Inorganic fibers β10(c)≥200
FV	无机纤维Inorganic fibers β20(c)≥200
CD	滤纸Paper 10μm
CV	滤纸Paper 25μm
MD	不锈钢编织网 Stainless steel wire mesh 10μm
MV	不锈钢编织网 Stainless steel wire mesh 20μm
ME	不锈钢编织网 Stainless steel wire mes40μm

流量 Flow rate	代号 Code	接口尺寸 Port size
030 060	M5	M33×2
110 160	M7	M48×2
240	F4	SAE 1 1/2
330 420 660	F5	SAE 2”

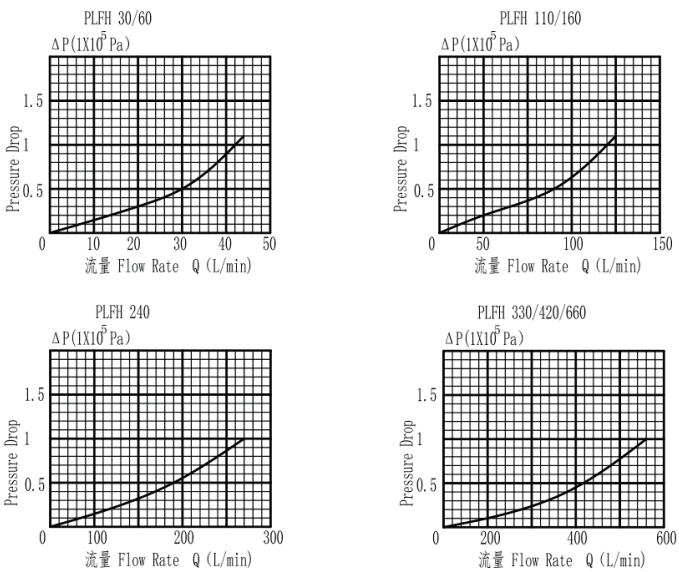
滤芯型号 Replacement Element

G	240	FD	3	1

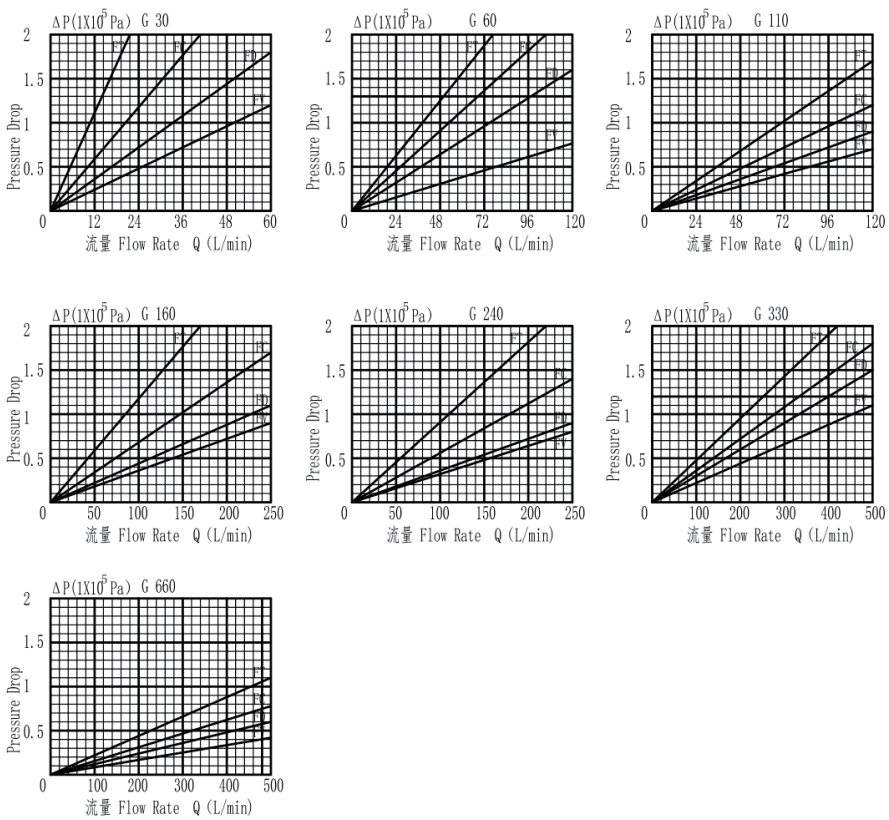
▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

▶ （介质参数KINEMATIC VISCOSITY :30mm²/s DENDITY 0.86kg/dm³ ）

过滤器壳体压降 Filter Housing Pressure Drop

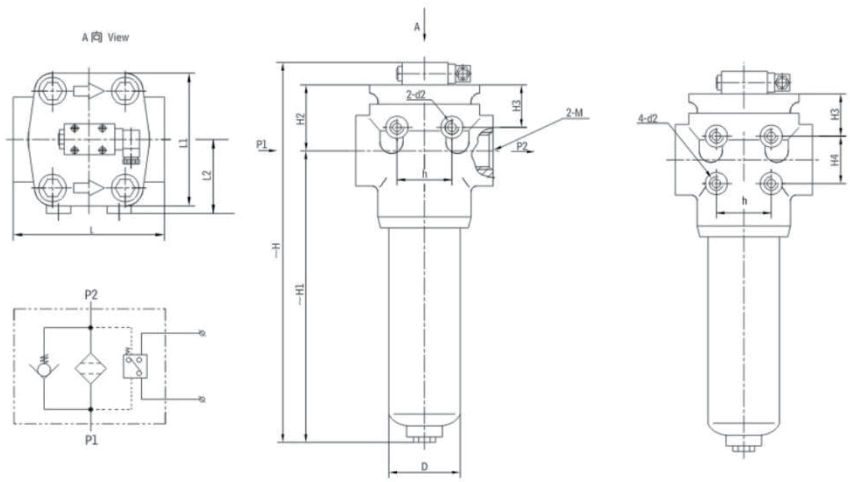


清洁滤芯压降Clean Pressure Drop



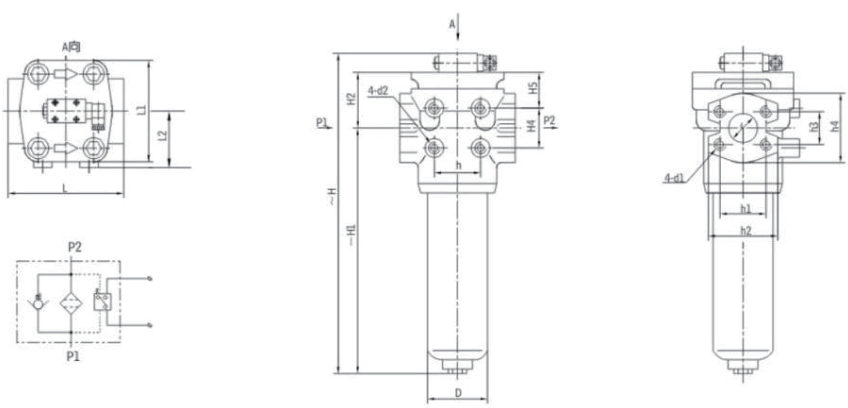
图示尺寸 DIMENSIONS

一、螺纹式Threaded connection



型号 Modle	尺寸 Size（mm）											
	H	H1	H2	H3	H4	h	L	L1	L2	D	M	d2
PLF-H30×*P	239	146	58	45		35	118	114	69	73	2-M33×2	2-M10
PLF-H60×*P	255	162	58	45		35	118	114	69	73	2-M33×2	2-M10
PLF-H110×*P	329	236	58	45		35	118	114	69	73	2-M42×2	2-M10
PLF-H160×*P	319	215	69	49	45	50	150	140	82	102	2-M48×2	4-M10

二、法兰式Flanged connection



型号 Modle	尺寸 Size（mm）																
	H	H1	H2	H4	H5	h	h1	h2	h3	h4	L	L1	L2	D	d	d1	d2
PLF-H30×*P	377	273	69	45	49	50	79.4±0.25	110	36.5±0.25	90	150	140	82	102	2-Φ38	4-M16	4-M10
PLF-H60×*P	400	277	88	60	63	80	96.8±0.25	130	44.5±0.25	110	190	180	108	146	2-Φ51	4-M20	4-M12
PLF-H110×*P	493	370	88	60	63	80	96.8±0.25	130	44.5±0.25	110	190	180	108	146	2-Φ51	4-M20	4-M12
PLF-H160×*P	567	444	88	60	63	80	96.8±0.25	130	44.5±0.25	110	190	180	108	146	2-Φ51	4-M20	4-M12