YPM系列

惠隆液压



中压过滤器

流量	最大660L/min
工作压力	最高21MPa

性能概述 DESCRIPTION

适用于中压管路系统液压油和润滑油的净化

工作压力：最高压力21MPa　　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：铝

工作介质：矿物油、乳化液、水-乙二醇、磷酸酯液压液（木棉定型滤纸仅适用于矿物油）

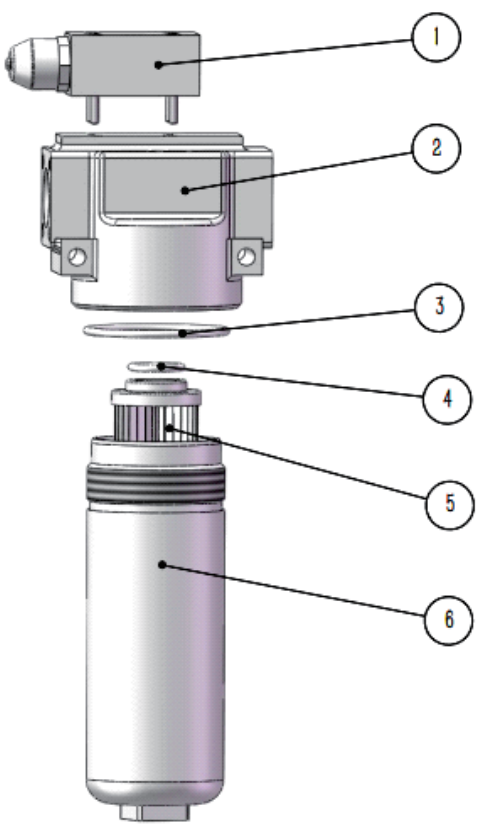
Being used in filtration of hydraulic oil and lubricants at medium pressure.

Operating pressure: Max. 210 bar　　Operating temperature: -25℃~120℃

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

Filter housing material: aluminium

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	电式发讯器 Electric transmitter	
2	滤盖组件 Cap components	
3	密封圈 Seal	易损件 Wearing Parts
4	密封圈 Seal	易损件 Wearing Parts
5	滤芯 Element	易损件 Wearing Parts
6	壳体 Housing	

系列型谱 ORDERING INFORMATION

过滤器型号Filter Assembly

YPM	160	FD	1	H5	1	B6

代号 Code	流量（L/min) Flow rate
060	60
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 indicator
E5	电式压差发讯器Electrical differential pressure indicator
S5	目视式压差发讯器 Visual differential pressure indicator
H5	目/电式压差发讯器 Visual-electrical differential pressure indicator

代号 Code	过滤材料及精度 Filtration material and filtration rating in μm
FB	无机纤维Inorganic fibers β1(c)≥200
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
MD	不锈钢编织网 Stainless steel wire mesh 10μm
MV	不锈钢编织网 Stainless steel wire mesh 20μm
MP	不锈钢编织网 Stainless steel wire mesh 30μm
ME	不锈钢编织网 Stainless steel wire mesh 40μm
MS	不锈钢编织网 Stainless steel wire mesh 60μm
MCD	不锈钢编织网 Stainless steel wire mesh 100μm

流量 Flow rate	代号 Code	接口尺寸 Port size
60	B3	G3/4
110	N4	NPT3/4
160	B6	G1 1/4
240	N6	NPT1/4
330	B7	G1 1/2
420 660	N7	NPT1 1/2

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

滤芯型号 Replacement Element

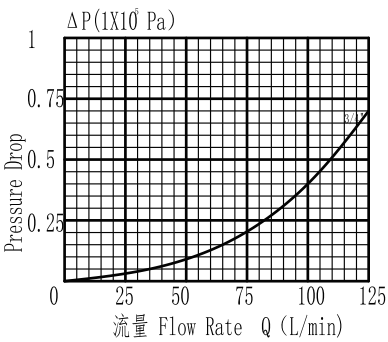
160	M	FD	1

▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

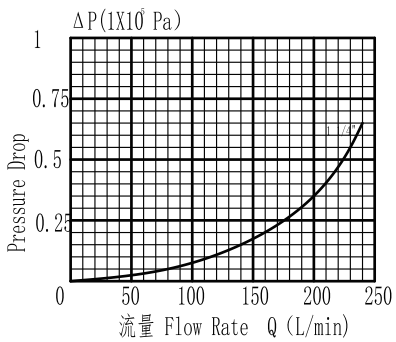
▶ (介质参数KINEMATIC VISCOSITY :30mm²/s DENDITY 0.86kg/dm³)

过滤器壳体压降 Filter Housing Pressure Drop

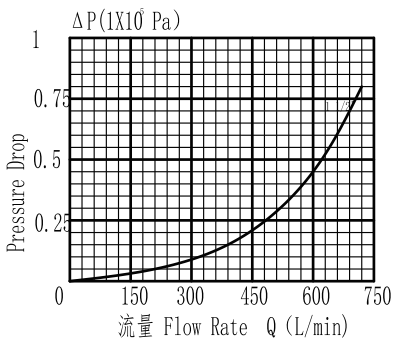
YPM060/110



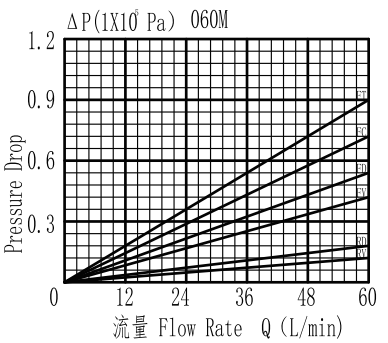
YPM160/240

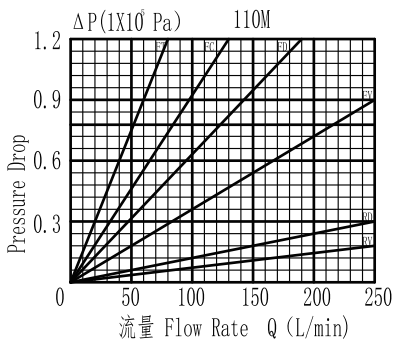


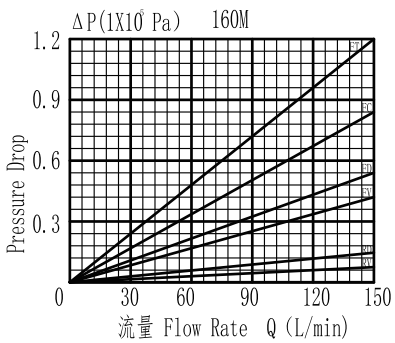
YPM330/420/660

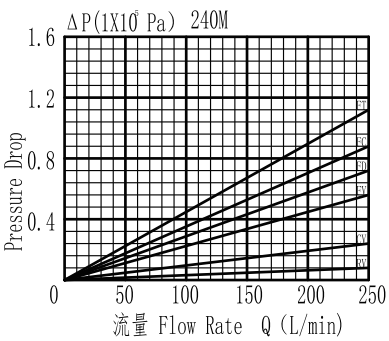


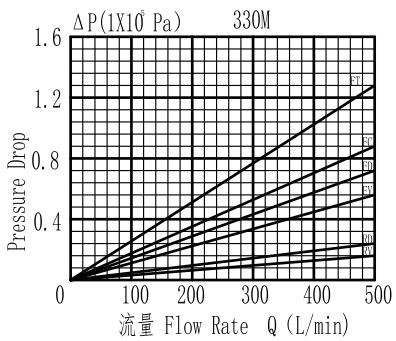
清洁滤芯压降Clean Pressure Drop

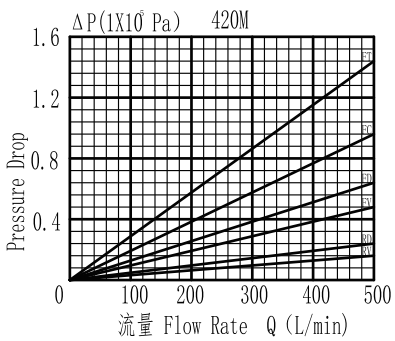


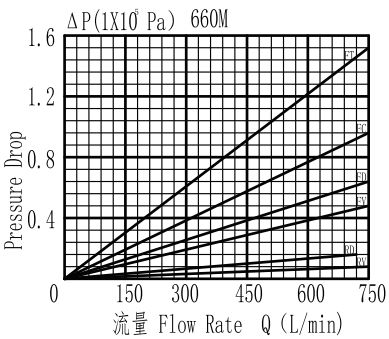




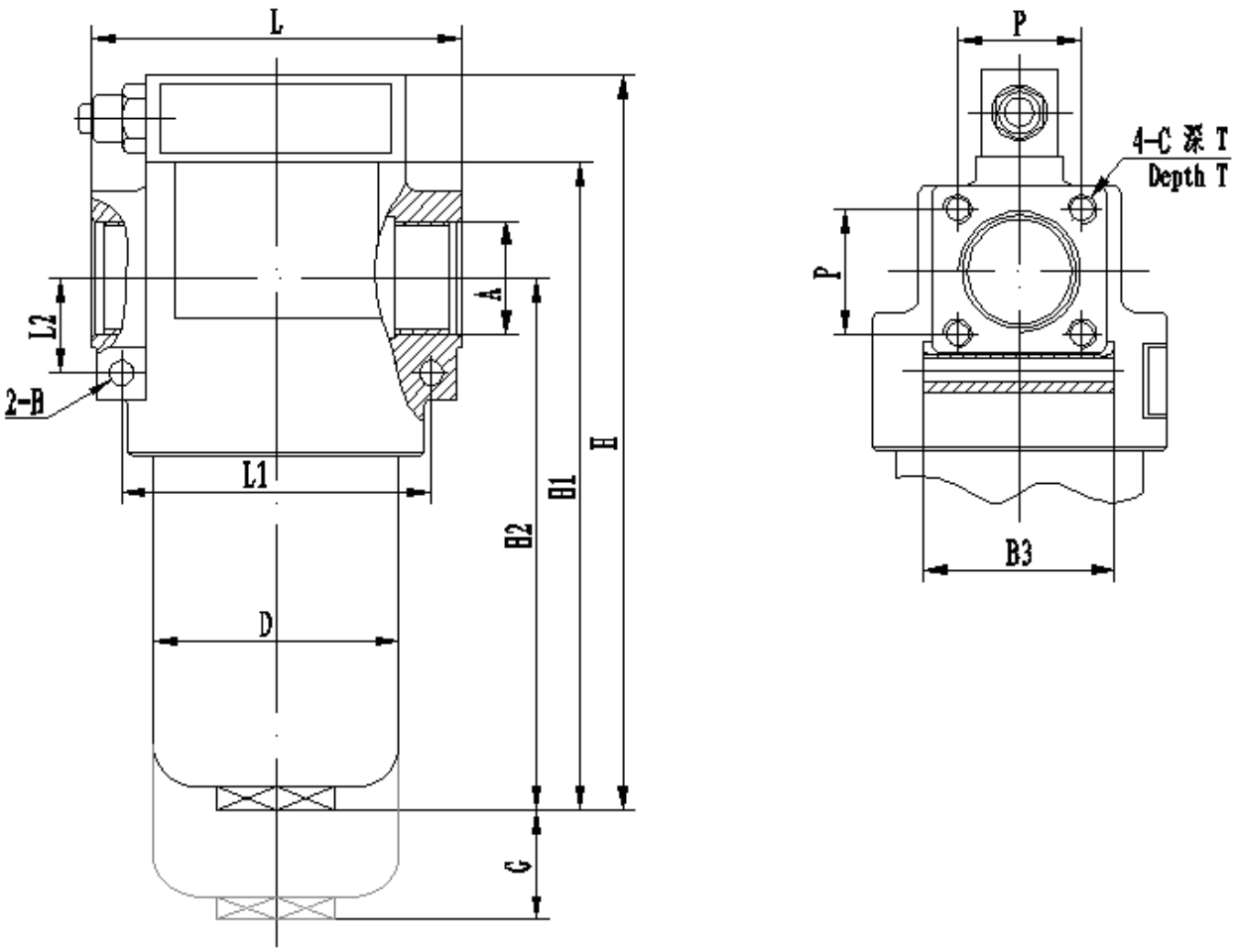








图示尺寸 DIMENSIONS



过滤器型号 Filter Type	A	H	H1	H2	L	L1	L2	B	D	G	P	T	C	重量 Weight (kg)
YPM060...	G3/4 NPT3/4	198	168	137	110	84	25	Φ8.5	Φ68	100	34	14	M8	1.3
YPM110...		268	238	207										2.1
YPM160...	G1 1/4 NPT1 1/4	254	224	184	128	107	33	Φ8.5	Φ85	100	43	16	M10	2.9
YPM240...		314	284	244										4.1
YPM330...	G1 1/2 NPT1 1/2	315	285	241	162	134	42	Φ10.5	Φ110	100	52	16	M12	5.8
YPM420...		395	365	321										11.3
YPM660...		497	467	423										18.6