PMA系列



惠隆液压

中压过滤器

流量	最大420L/min
工作压力	最高11MPa

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11MPa　　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：铸铝

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）

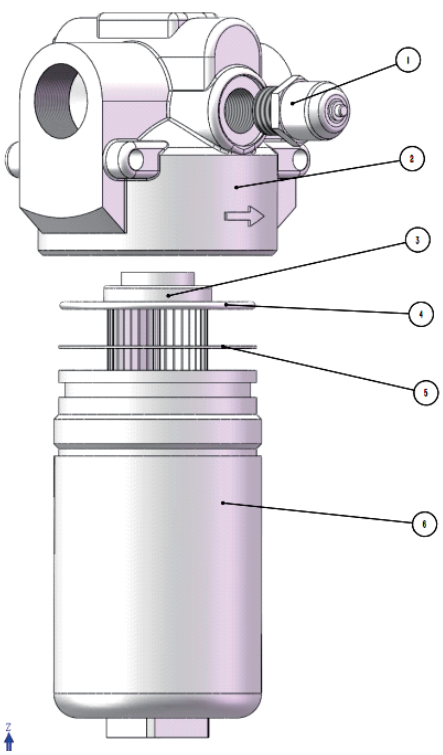
Being used in filtration of hydraulic oil and lubricants at medium pressure.

Operating pressure: Max.11MPa　　Operating temperature: -25℃~120℃

Setting pressure of clogging indicator:0.5MPa　　Bypass valve cracking pressure:0.6MPa

Filter housing material:cast 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	滤芯 Element	易损件 Wearing Parts
4	O型密封圈 O-ring	易损件 Wearing Parts
5	挡圈 Rubber ring	易损件 Wearing Parts
6	壳体 Housing	

系列型谱 ORDERING INFORMATION

过滤器型号Filter Assembly

PMA	160	FD	1	H2	1	B5

代号 Code	流量（L/min) Flow rate
030	30
060	60
110	110
160	160
240	240
330	330
420	420

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	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 mesh 40μm
MN	不锈钢编织网 Stainless steel wire mesh 50μm
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
030	B3	G1/2
060	M3	M22×1.5
110	B5	G1
160	M5	M33×2
240	B7	G1 1/2
330 420	M7	M48×2

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	发讯器类型 Indicator option
0	无压差发讯器 Without differential pressure indicator
S2	目视式压差发讯器 Visual differential pressure indicator
H2	目/电压式差发讯器 Visual-electrical differential pressure indicator

滤芯型号 Replacement Element

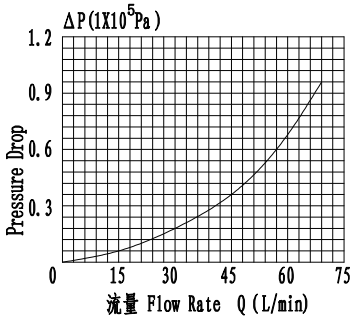
MAX	160	FD	1

▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

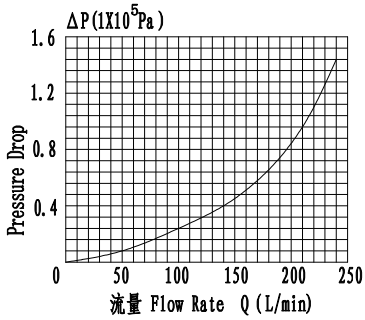
▶ (介质参数KINEMATIC VISCOSITY :30mm²/s DENDITY 0.86kg/dm³)

过滤器壳体压降 Filter Housing Pressure Drop

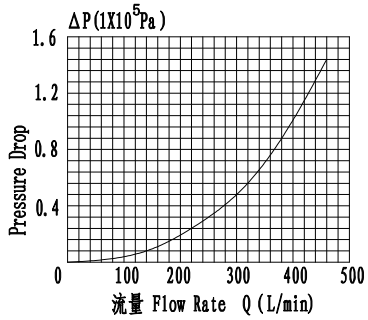
PMA030/060



PMA110/160

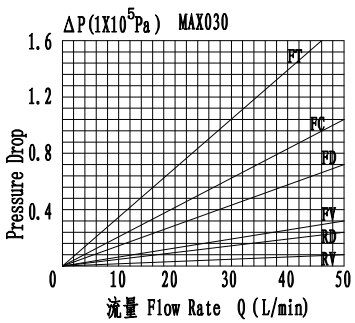


PMA240/330/420

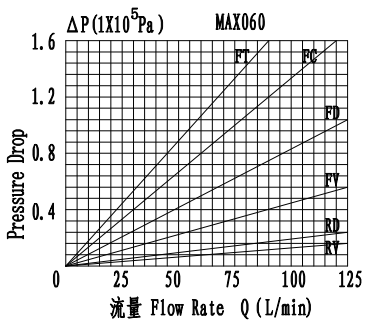


清洁滤芯压降Clean Element Pressure Drop

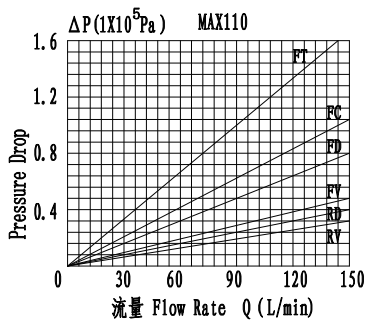
MAX030



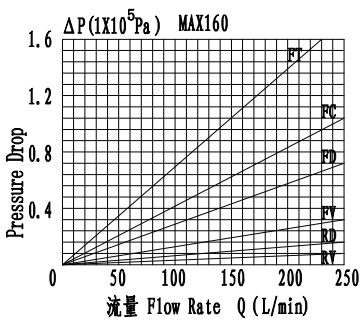
MAX060



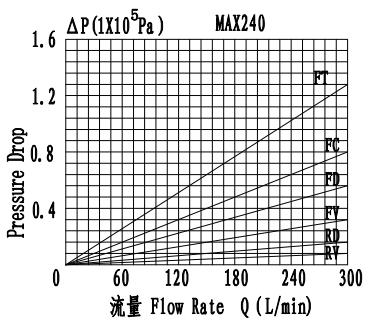
MAX110



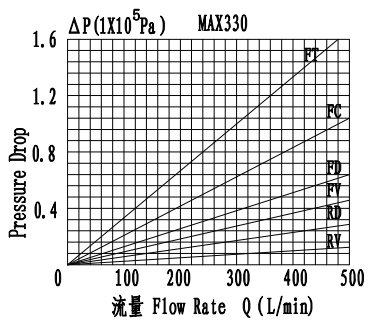
MAX160



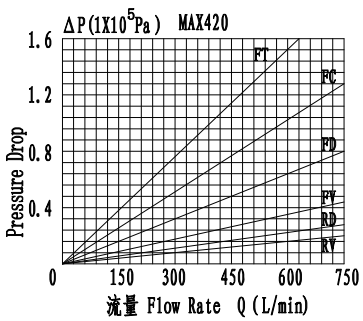
MAX240



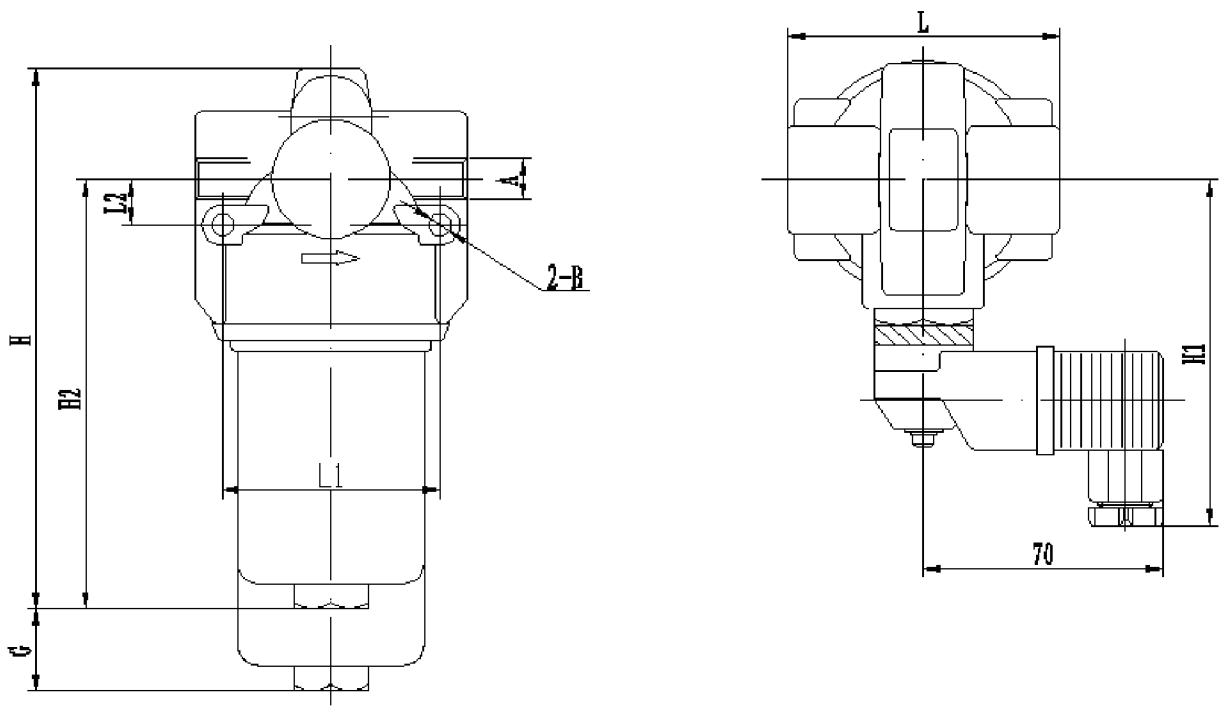
MAX330



MAX420



图示尺寸 DIMENSIONS



过滤器型号 Filter Type	A	H	H1	H2	L	L1	L2	B	G	重量 Weight(kg)
PMA030...	G1/2 M22×1.5	157	133	129	76	64	17	Φ6.5	60	0.65
PMA060...		244	133	216						0.85
PMA110...	G1 M33×2	242	140	184	128	107	35	Φ8.5		1.1
PMA160...		298	140	240						1.3
PMA240...	G1 1/2 NPT 1/2 M48×2	287	147	245	134	110	70	Φ10.5		1.5
PMA330...		367	147	325						1.7
PMA420...		469	147	427						1.9