PHB系列



惠隆液压

高压过滤器

流量	最大660L/min
工作压力	最高42MPa

性能概述 DESCRIPTION

适用于高压管路系统液压油和润滑油的净化

工作压力：最高压力42MPa　　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：钢

工作介质：矿物油、乳化液、水-乙二醇、磷酸酯液压液

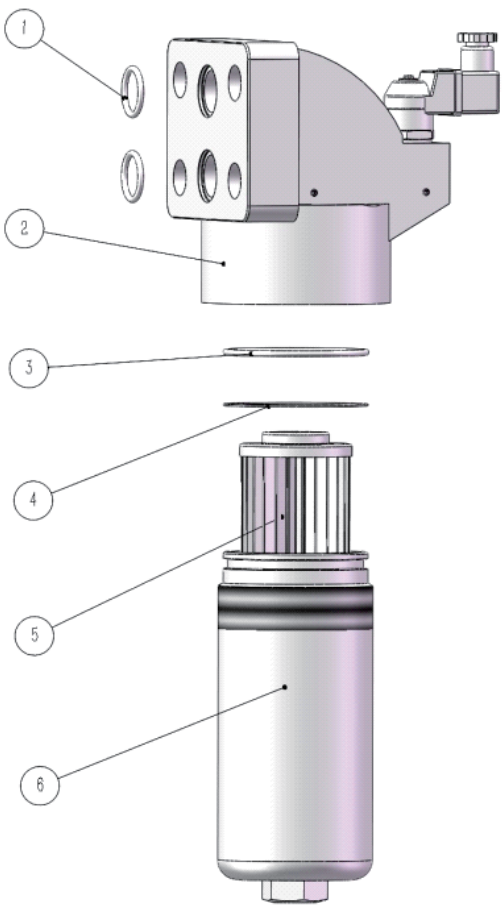
Being used in filtration of hydraulic oil and lubricants at high pressure.

Operating pressure: Max.420 bar　　Operating temperature :-25℃~120℃

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

Filter housing material :steel

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	O型密封圈 O-ring	易损件 Wearing Parts
2	滤头 Filter head	
3	O型密封圈 O-ring	易损件 Wearing Parts
4	密封垫 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

PHB	110	FD	1	H1	1

代号 Code	流量（L/min) Flow rate
030	30
060	60
110	110
140	140
160	160
240	240
330	330
500	500
600	600

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
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
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

流量 Flow rate	代号 Code	接口尺寸 Port size
030	B3	G1/2
	M2	M18×1.5
060	B4	G3/4
110	M4	M27×2
140	B5	G1
160	M5	M33×2
240	F2	1SAE62
330	F4	11/2
500		SAE62
600		

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	发讯器类型Indicator option
0	无压差发讯器 Without differential pressure indicator
S1	目视式压差发讯器 Visual differential pressure indicator
H1	目/电式压差发讯器 Visual-electrical differential pressure indicator

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

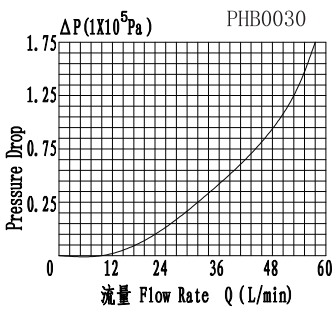
滤芯型号Replacement Element

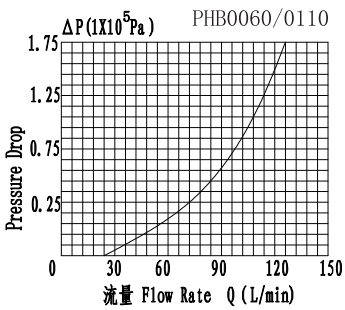
G	110	FD	1

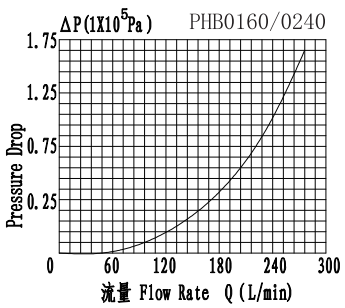
压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

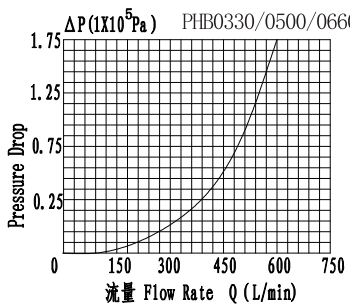
(介质参数KINEMATIC VISCOSITY :30mm²/s DENDITY 0.86kg/dm³)

过滤器壳体压降 Filter Housing Pressure Drop

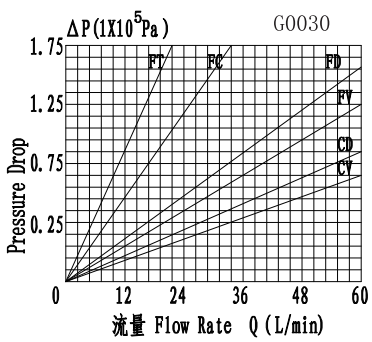


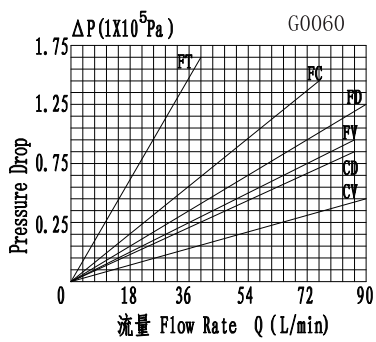


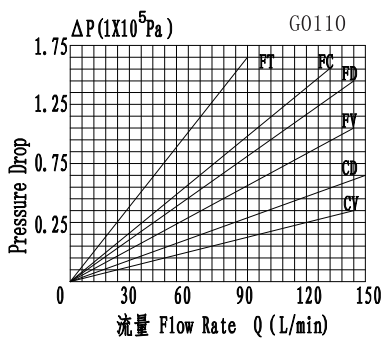


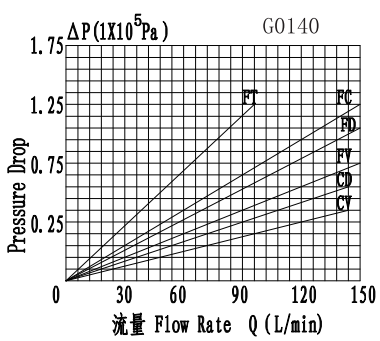


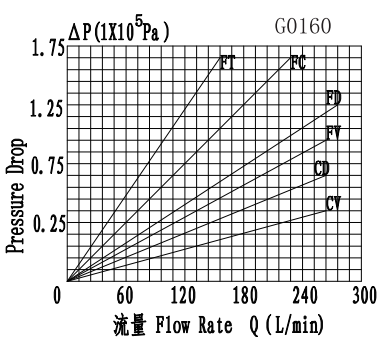
清洁滤芯压降Clean Pressure Drop

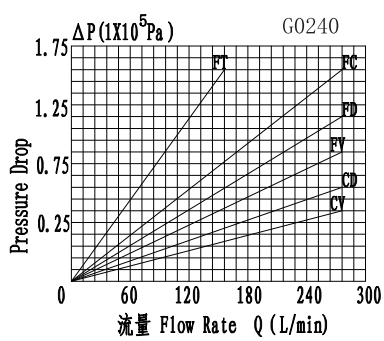


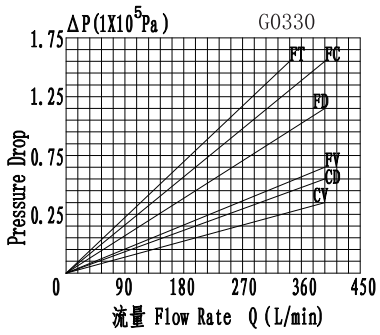


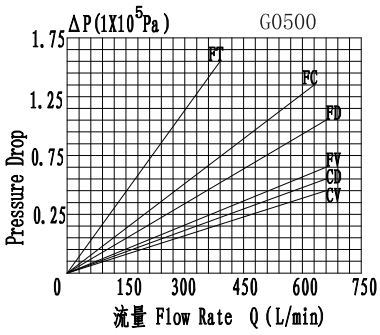


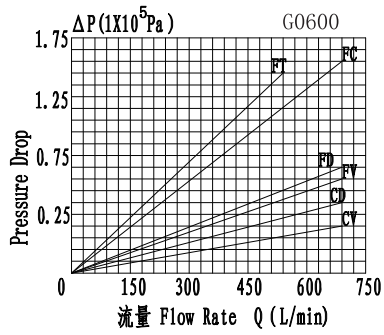






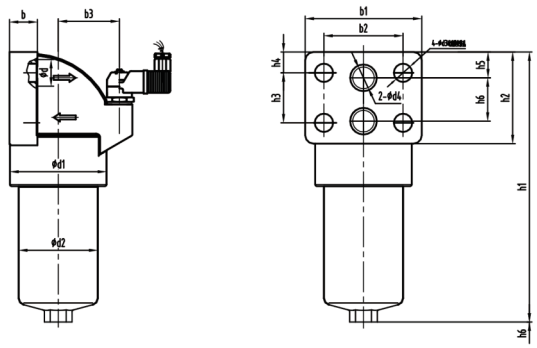




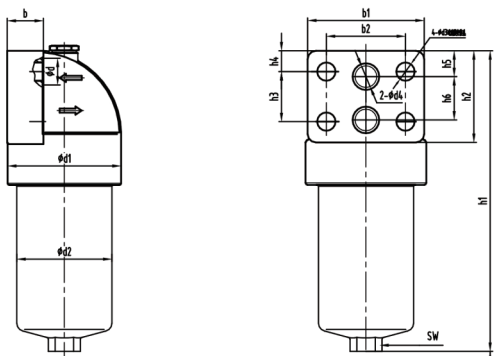


图示尺寸 DIMENSIONS

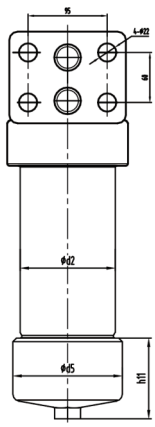
PHB30~280



PHB330~660



PHB660~1320



PHB	b	b1	b2	b3	d	d1	d2	d3	d4	d5	h1	h2	h3	h4	h5	h6	h7	h8	SW	O-Ring	含滤芯的重量(kg)
30	18	68	57	38	20	67	52	13	14		197	76	45	15.5	30.5	28			24	18×2.5	2.9
60											217										5.2
110	20	110	72	48	26	84	68	18	20		284	94	55	19.5	34.5	35	75		27	24×3	6.1
140											328										6.7
160										—	280							—			9.6
240				69		116	95	22	32		340		60	25	31		85		32		11.6
280											522										15.9
330											353										22.9
500	30	140	95		32		130				446	110				52	115			40×3.5	27.3
660				—		154		23	30		523		58	26	32				36		30.9
660											517						350				34.1
990							132			152	673						500	112			42.1
1320											839						670				50.3

PHBM（出口在入口上方）

160											284										10.7
240	30	140	95	59	32	116	95	22	32	—	344	110	58	26	31	52	85	—	32	40×3.5	12.7
280											526										17.0