PBF系列



惠隆液压

中压过滤器

流量	最大240L/min
工作压力	最高21MPa

性能概述 DESCRIPTION

适用于中压压管路系统的油液净化

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：挤压铝

工作介质：矿物油、乳化液、水-乙二醇、磷酸酯液压液

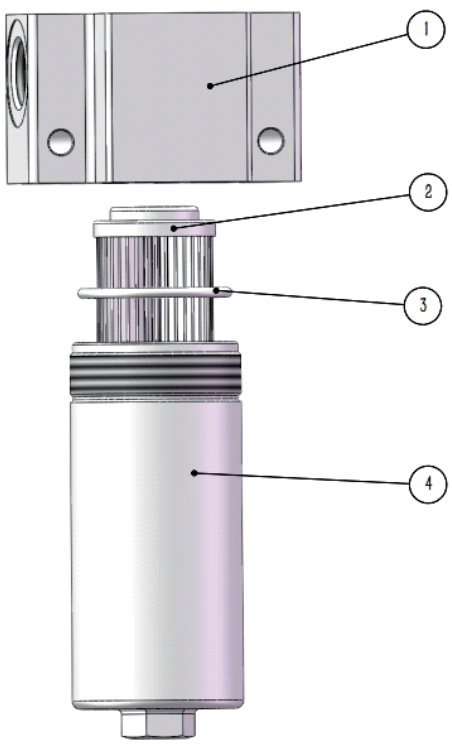
Being used in filtration of liquids and lubricants at medium pressure to filter solid particle and slimes.

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

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

Filter housing material: Impacted aluminium

Working substance: mineral oil, emulsion, water-glycol, phosphate ester hydraulic oil



序号 Number	名　称 Name	说　明 Note
1	滤盖组件 Cap components	
2	滤芯 Element	易损件 Wearings Parts
3	O型密封圈 O-ring	易损件 Wearings Parts
4	壳体 Housing	

系列型谱 ORDERING INFORMATION

过滤器型号Filter Assembly | PBF | PBFM | 110 | FD | 1 | H2 | 1 | B5

	连接形式
PBF	管路式
PBFM	板式

代号 Code	流量（L/min) Flow rate
020	20
030	30
060	60
110	110
160	160
240	240

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/电式压差发讯器 Visual-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	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

流量 Flow rate	代号 Code	接口尺寸 Port size
20 30	B3	G1/2
060	B4	G3/4
110	M4	M27×2
160	B5	G1
240	M5	M33×2

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

滤芯型号 Replacement Element | BFX | 110 | FD | 1

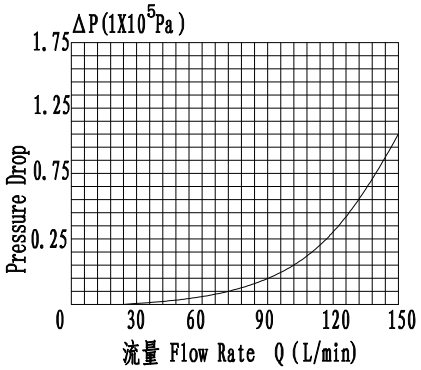
▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

▶ (介质参数KINEMATIC VISCOSITY :30mm /s DENDITY 0.86kg/dm)

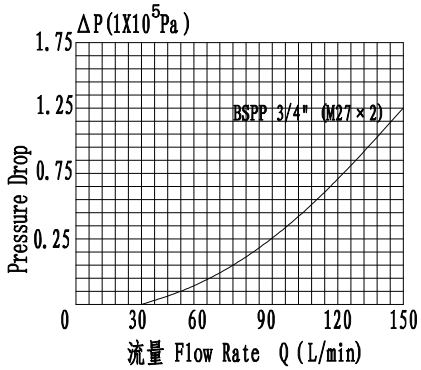
(单位UNIT：Pa介质参数KINEMATIC VISCOSITY：30mm²/s DENDITY 0.86kg/dm³)

过滤器壳体压降 Filter Housing Pressure Drop

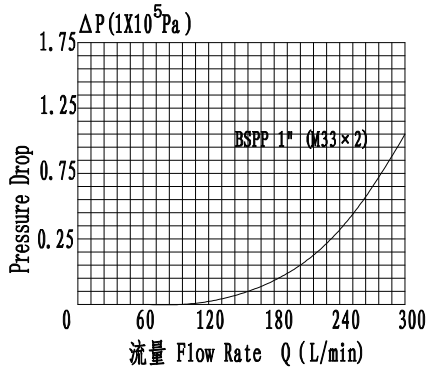
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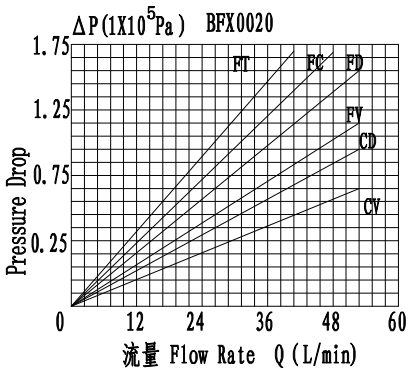
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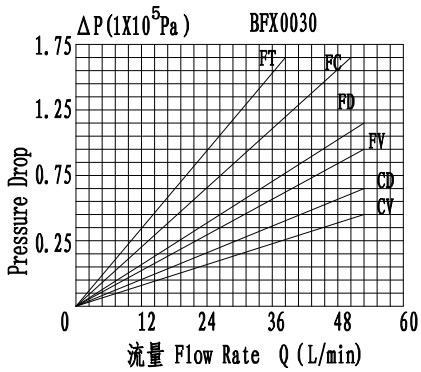


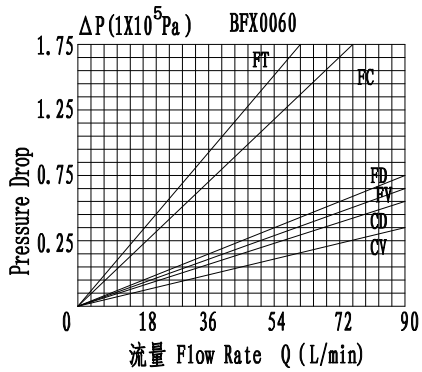
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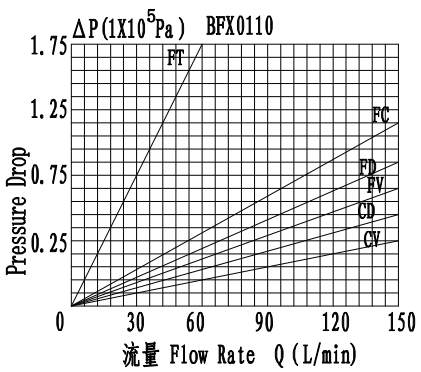


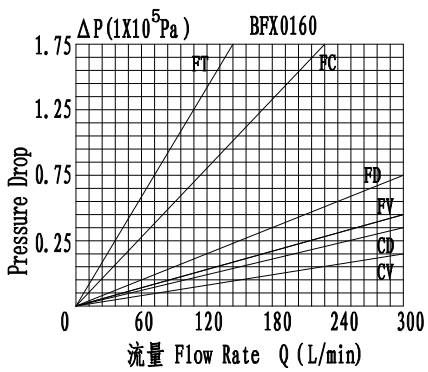
清洁滤芯压降Clean Element Pressure Drop

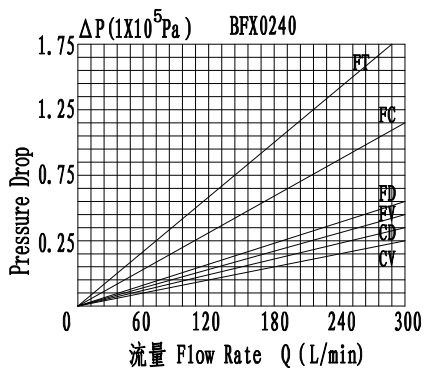




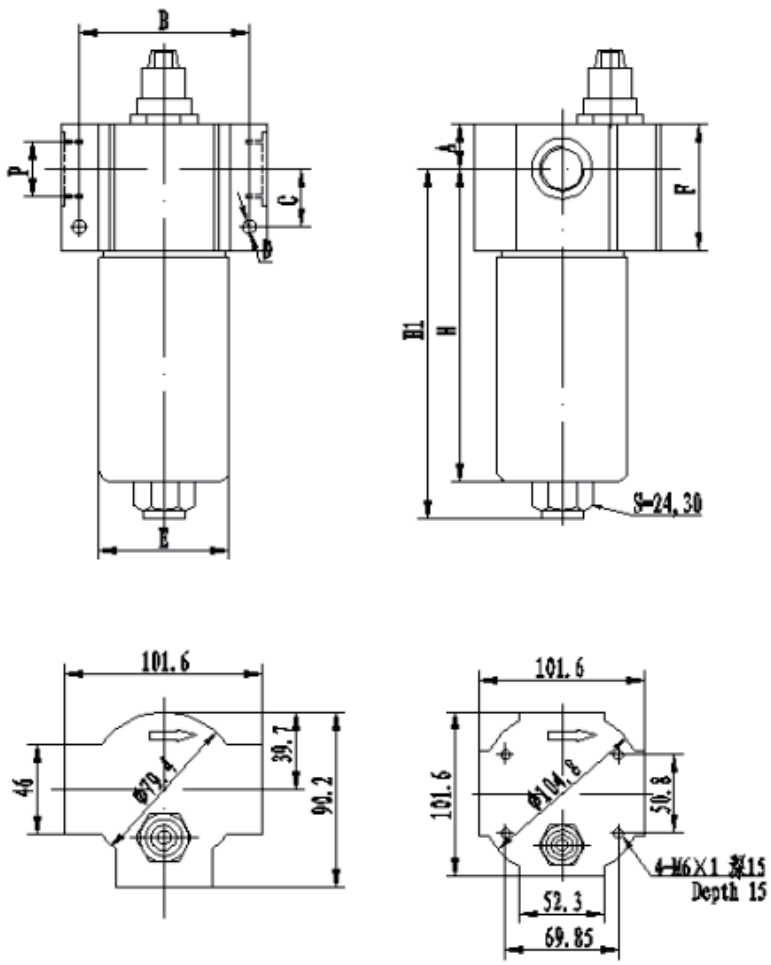








图示尺寸 DIMENSIONS



过滤器型号 Filter Type	P	H	H1	更换滤芯空间 Bowl removal space	A	B	C	D	E	F
PBF 060...	G3/4 M27×2	155	173	-51	21.8	79.4	25.4	2-Φ7	Φ64.3	62.5
PBF 110...		250	269							
PBF 160...	G1 M33×2	210	230	-102	24.4				Φ92.1	75.2
PBF 240...		320	339							