DF系列

惠隆液压



高压过滤器

流量	最大1500L/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：球墨铸铁　　联接形式：通过滤头安装孔连接

工作介质：矿物油、乳化液、水-乙二醇、磷酸酯液压液

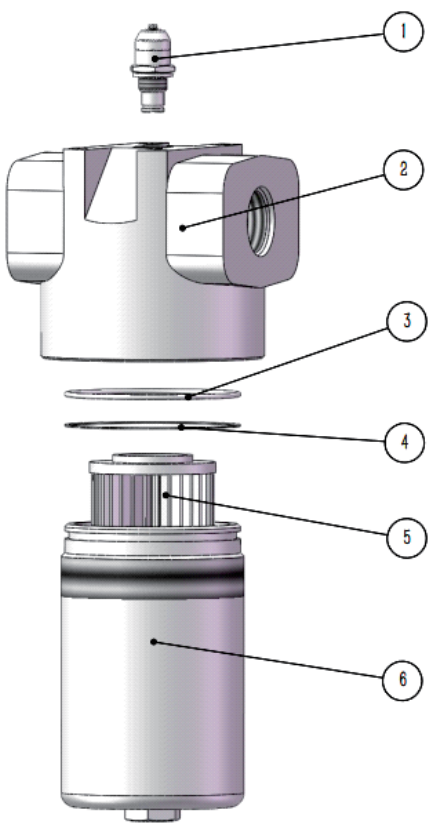
Being used in filtration of hydraulic oil and lubricants at high pressure

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 :ductile iron　　Connection Type:Mounting holes in the head

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	发讯器	
2	滤头组件 Cap components	
3	O型密封圈 O-ring	易损件 Wearing Parts
4	垫圈 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

DF	240	FD	1	H1	1	1	B5

代号 Code	流量（L/min) Flow rate
030	30
060	060
110	110
140	140
160	160
240	240
280	280
330	330
500	500
660	660
990	990
1320	1320
1500	1500

代号Code	发讯器类型Indicator option
0	无压差发讯器 Without differential pressure dicator
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	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	M3	M22×1.5
	M4	M27×2
	B3	G1/2
	B4	G3/4
	N3	NPT1/2
	N4	NPT3/4
110 160	M4	M27×2
	M5	M33×2
	B4	G3/4
	B5	G1
	N4	NPT3/4
	N5	NPT1
	F1	3/4SAE
	F2	1SAE
240 330 420 660 990 1320 1500	M5	M33层2
	M6	M42×2
	M7	M48×2
	B5	G1
	B6	G11/4
	B7	G11/2
	N5	NPT1
	N6	NPT11/4
	N7	NPT11/2
	F3	11/4SAE
	F4	11/2SAE

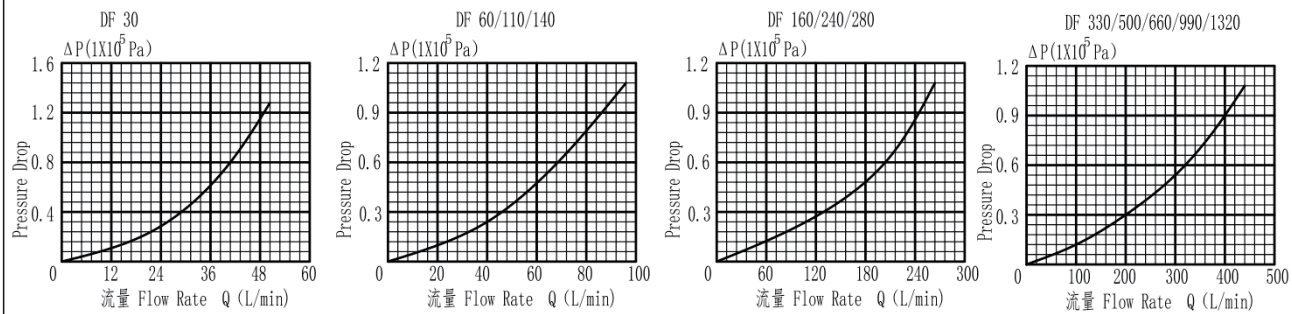
滤芯型号 Replacement Element

G	240	FD	1	1

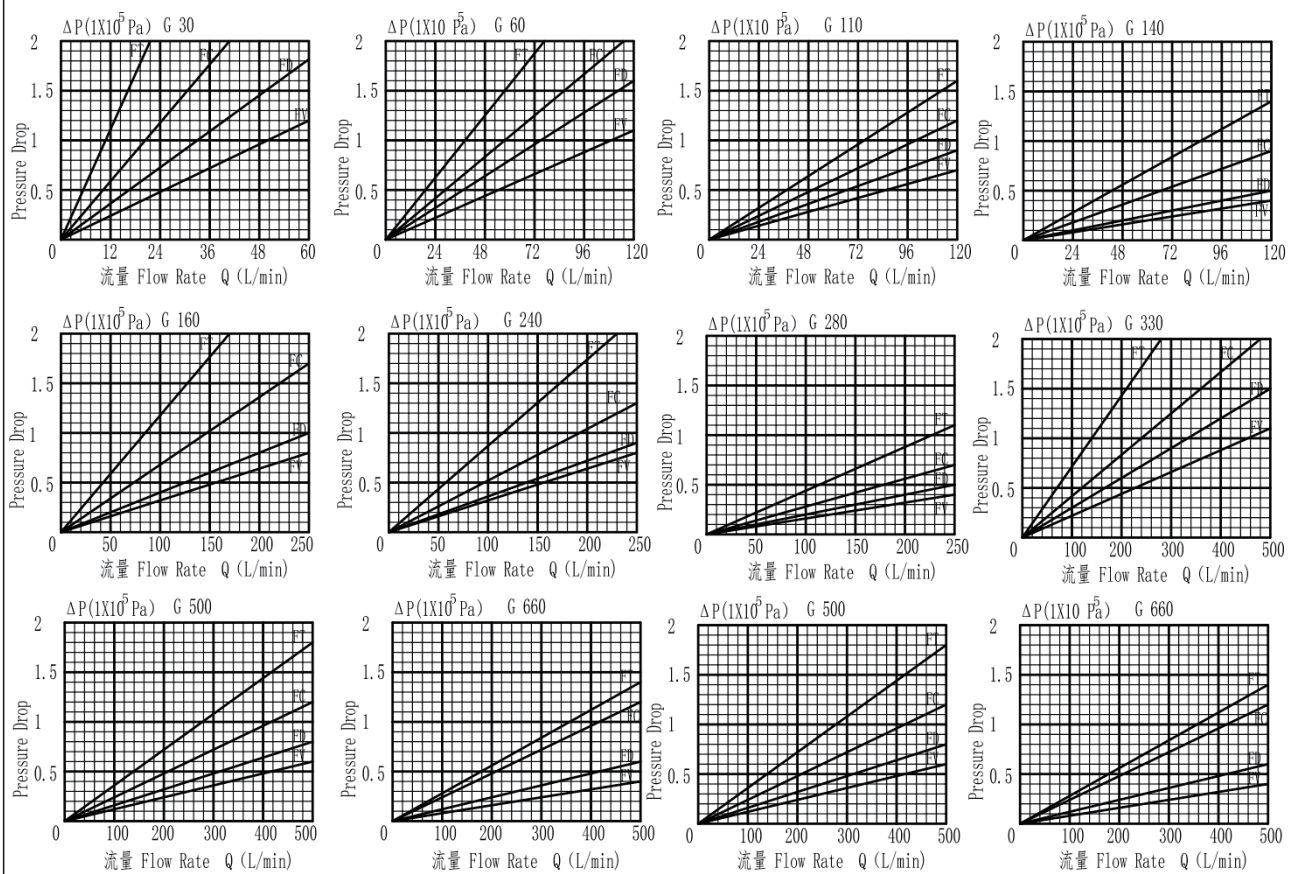
▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

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

过滤器壳体压降 Filter Housing Pressure Drop

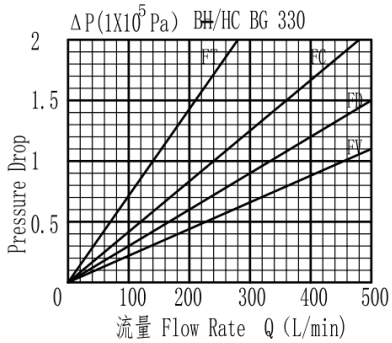


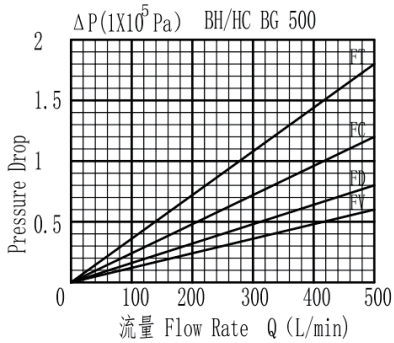
清洁滤芯压降Clean Pressure Drop

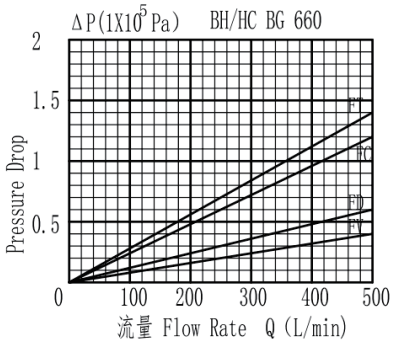


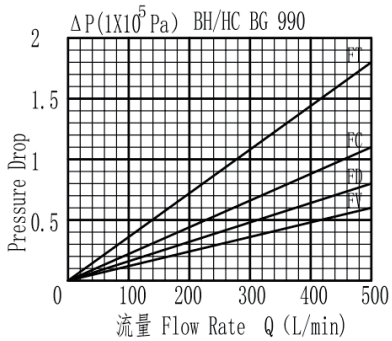
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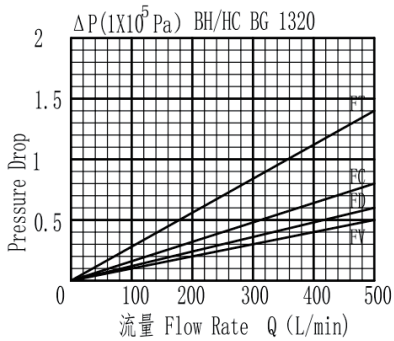
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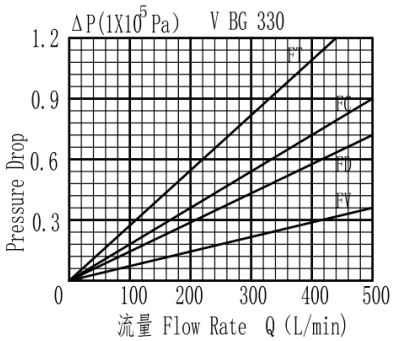


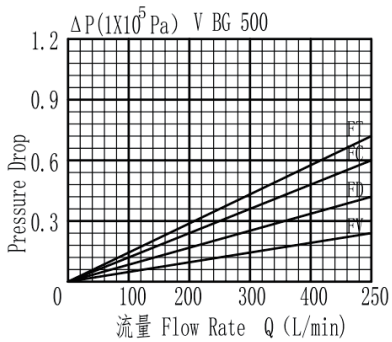


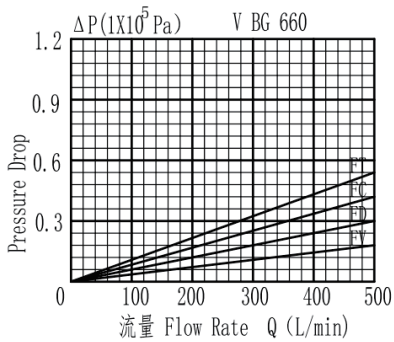


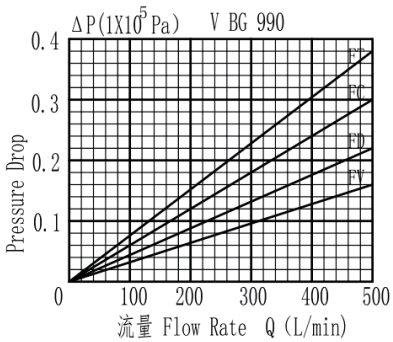


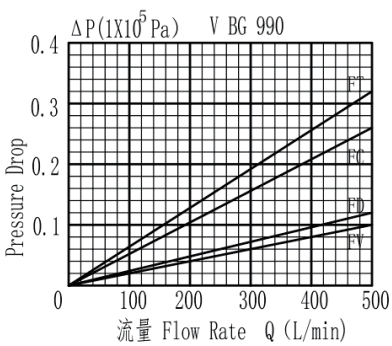




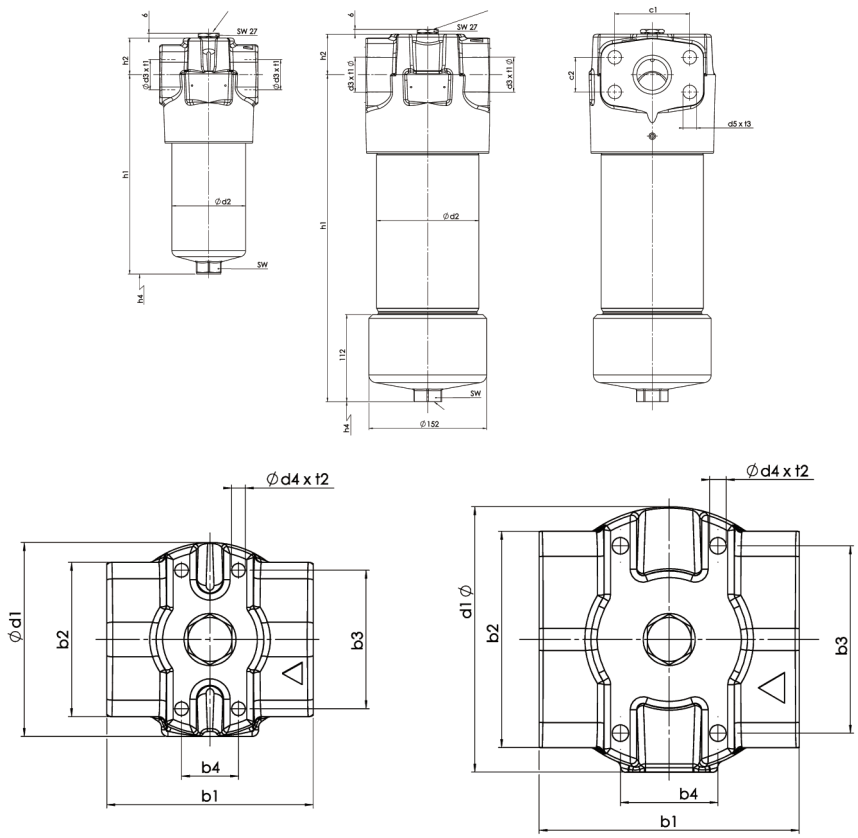








▶ 图示尺寸 DIMENSIONS



型号	b1	b2	b3	b4	d1	d2	d3	d4	d5	h1	h2	h3	h4	SW	t1*	t2*	Weight (kg)
DF 30	68	33	45	30	67	52	G1/2	M5	—	131.5	38	7	75	24	15	6	2.3
DF 60										137.5							4.5
DF 110	93	50	56	32	84	68	G3/4	M6	M10	205.0	40	6	85	27	17	9	5.4
DF 140										248.5							6.0
DF 160										193.5							10.3
DF 240	128	65	85	35	117	95	G1-1/4	M10	M14	253.5	47	6	105	32	21	14	11.8
DF 280										435.5							16.3
DF 330							G1-1/2			255.5							24.5
DF 330							SAE DN 50			255.5							24.5
DF 500							G1-1/2			348.5			115				28.6
DF 500							SAE DN 50			348.5							28.6
DF 660							G1-1/2			426.0							31.6
DF 660							SAE DN 50										31.6
DF 660	160	138	115	60	159	130	G1-1/2	M12	M20	420	52	6	350	36	23	17	34.4
DF 660							SAE DN 50			420							34.4
DF 990							G1-1/2			576			500				43.4
DF 990							SAE DN 50			576							43.4
DF 1320							G1-1/2			742			670				51.1
DF 1500	196						SAE DN 50			742							69.3