LF系列

惠隆液压



中压过滤器

流量	最大660L/min
工作压力	最高100bar

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10Mpa

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: Max100 bar

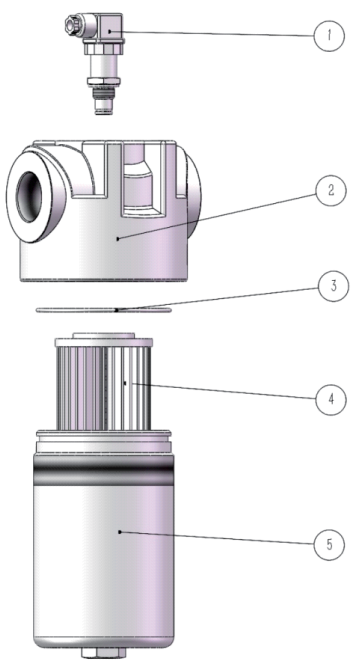
Operating temperature: -30℃~100℃

Setting pressure of clogging indicator: 5bar

Bypass valve cracking pressure: 6bar

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	发讯器 Indicator	
2	滤头 Filter head	
3	密封圈 Sea	易损件 Wearing Parts
4	滤芯 Element	易损件 Wearing Parts
5	壳体 Housing	

系列型谱 ORDERING INFORMATION

过滤器型号Filter Assembly

LF	060	FD	1	H1	1	B5

代号 Code	流量（L/min) Flow rate
030	30
060	060
110	110
160	160
240	240
330	330
660	660

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	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	B3	G1/2
060 110	B4	G3/4
160 240	B6	G1 1/4
330 660	B7	G1 1/2

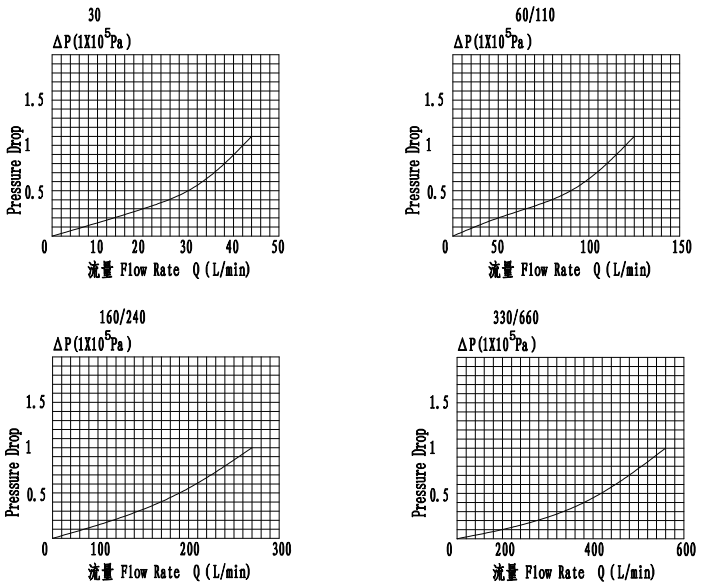
滤芯型号 Replacement Element

LFX	060	FD	1

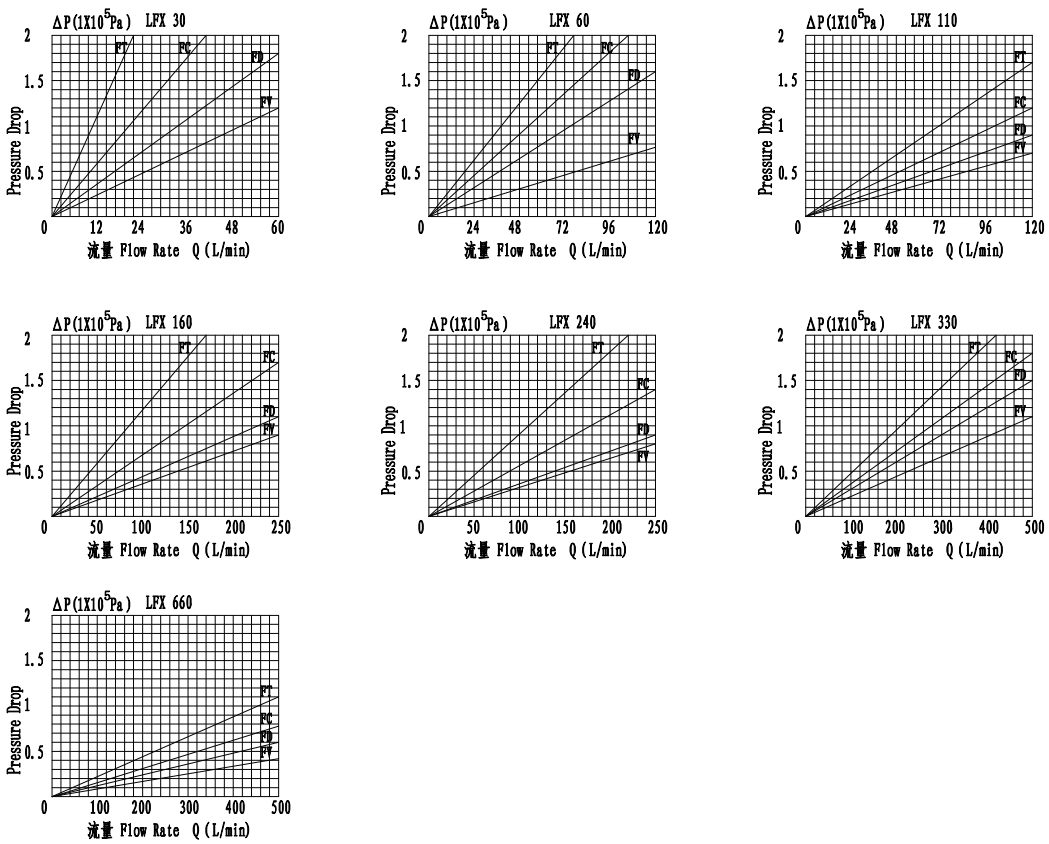
▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

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

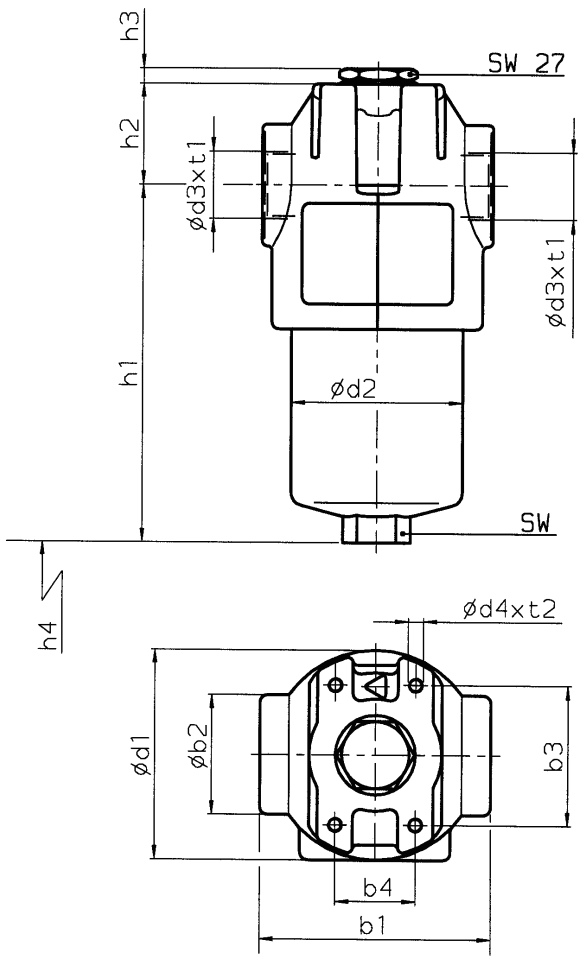
过滤器壳体压降 Filter Housing Pressure Drop



清洁滤芯压降Clean Pressure Drop



图示尺寸 DIMENSIONS



型式规格	b1	b2	b3	b4	d1	d2	d3	d4	h1	h2	h3	h4	SW	T1	T2	重量含滤芯（kg）	压力腔容量（L）
30	69	36	45	30	67	52	G1/2	M5	134	31	7	75	24	15	8	0.8	0.13
60	90	48	56	32	84	68	G3/4	M6	146	39	6	75	27	17	9	1.5	0.20
110	90	48	56	32	84	68	G3/4	M10	214	39	6	75	27	17	9	1.8	0.33
160	125	65	85	35	116	95	G1 1/4	M10	199	46	6	95	32	21	14	3.7	0.60
240	125	65	85	35	116	95	G1 1/4	M12	259	46	6	95	32	21	14	4.3	0.80
330	159	85	115	60	160	130	G1 1/2	M12	261	52	6	105	36	23	17	8.0	1.50
660	159	85	115	60	160	127	G1 1/2	M12	426	52	6	105	36	23	17	17.6	3.00