PLC系列

惠隆液压



低压过滤器

流量	最大660L/min
工作压力	最高5.0MPa

性能概述 DESCRIPTION

安装于液压系统的低压管路或回油管路中

工作压力：最高压力5.0MPa　　工作温度：-25℃~120℃

发讯器发讯压差：0.25MPa　　旁通阀开启压差：0.35MPa

壳体材料：铸铁

工作介质：矿物油、乳化液、水-乙二醇、磷酸酯液压液

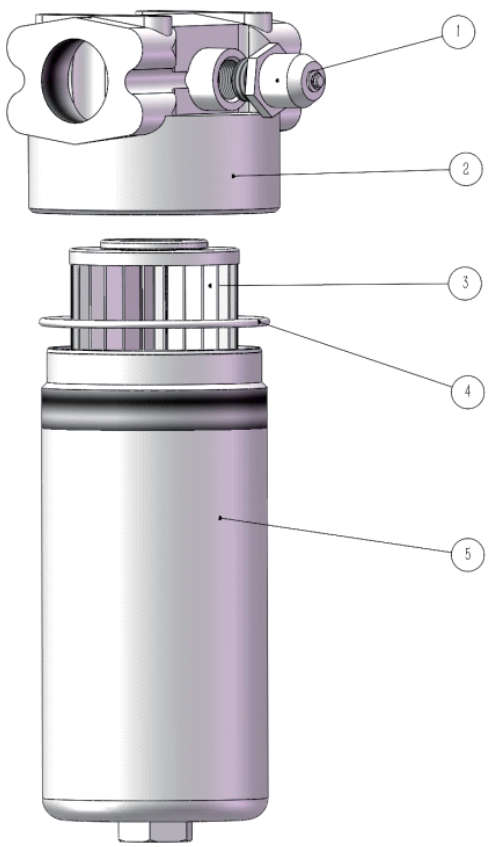
It is installed in low-pressure or return pipelinese of hydraulic system.

Operating pressure: 50 bar　　Operating temperature: -25℃~120℃

Setting pressure of clogging indicator:2.5bar　　Bypass valve cracking pressure: 3.5 bar

Filter housing material: Cast 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	发讯器 Visual differential indicator	
2	滤盖组件 Cap components	
3	滤芯 Element	易损件 Wearing Parts
4	O型圈 O-ring	易损件 Wearing Parts
5	壳体 Housing	

▶ 系列型谱 ORDERING INFORMATION

过滤器型号Filter Assembly | PLC | 160 | FC | S6 | 1 | 1

代号 Code	流量（L/min) Flow rate
160	160
330	330
480	480
660	660

代号Code	发讯器类型Indicator option
0	无压差发讯器 Without differential pressure indicator
R2	压力表 Pressure gauge
S6	目视式压差发讯器 Visual differential pressure indicator
H6	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
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
CE	滤纸 Paper 30μm
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
MS	不锈钢编织网 Stainless steel wire mesh 60μm

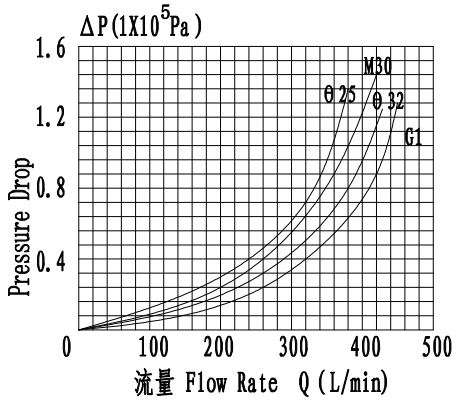
滤芯型号 Replacement Element | LCX | 160 | FC | 1

▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

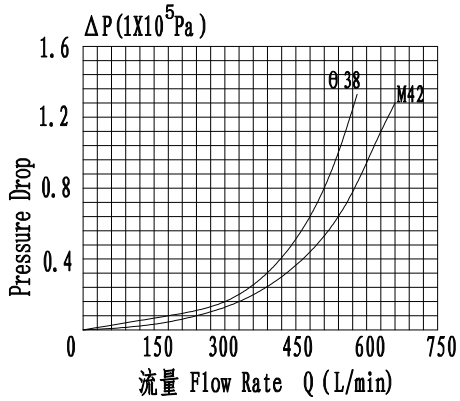
▶ (介质参数KINEMATIC VISCOSITY :30mm²/s DENDITY 0.86kg/dm³)

过滤器壳体压降 Filter Housing Pressure Drop

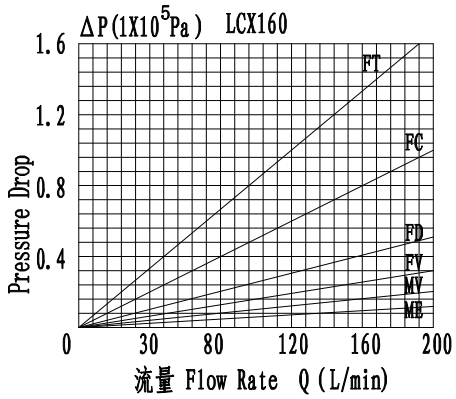
PLC160/330

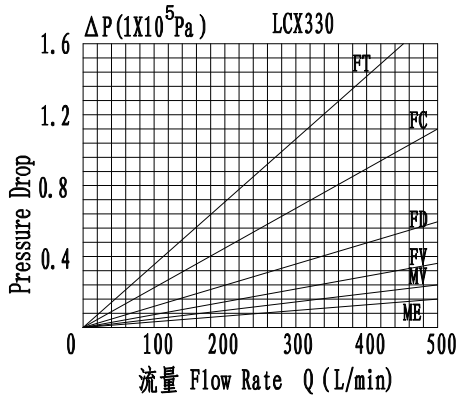


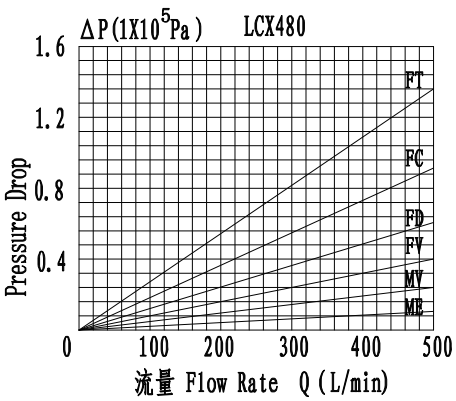
PLC480/660

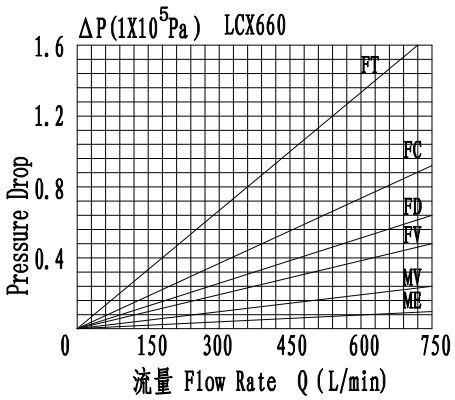


清洁滤芯压降Clean Pressure Drop

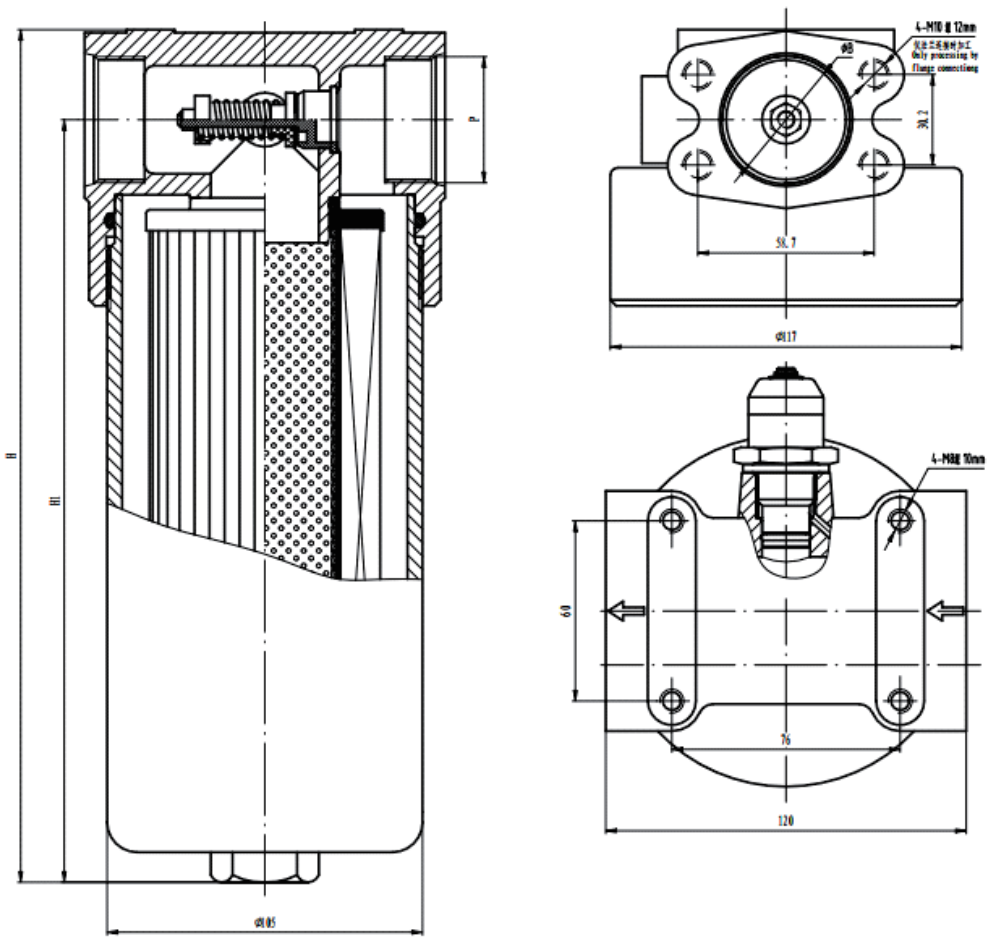








▶ 图示尺寸 DIMENSIONS



型号Type	P	H	H1	B	重量Weight(kg)
PLC160…	M30×1.5 M33×2 G1	192	162	Φ25	3.65
PLC330…		284	254	Φ32	4.30
PLC480…	M42×2 G1 1/4	404	374	Φ38	6.40
PLC660…		504	474	Φ38	8.55