PLE/PLES/PLED系列



惠隆液压

低压过滤器

流量	最大1300L/min
工作压力	最高1.6MPa

性能概述 DESCRIPTION

适用于中压管路系统液压油和润滑油的净化。过滤器上装有切换阀，直接安装在管路中为后面的系统元件提供持续的保护。

工作压力：最高压力1.6MPa　　工作温度：-25℃~120℃

发讯器发讯压差：0.2MPa　　旁通阀开启压差：0.3MPa

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

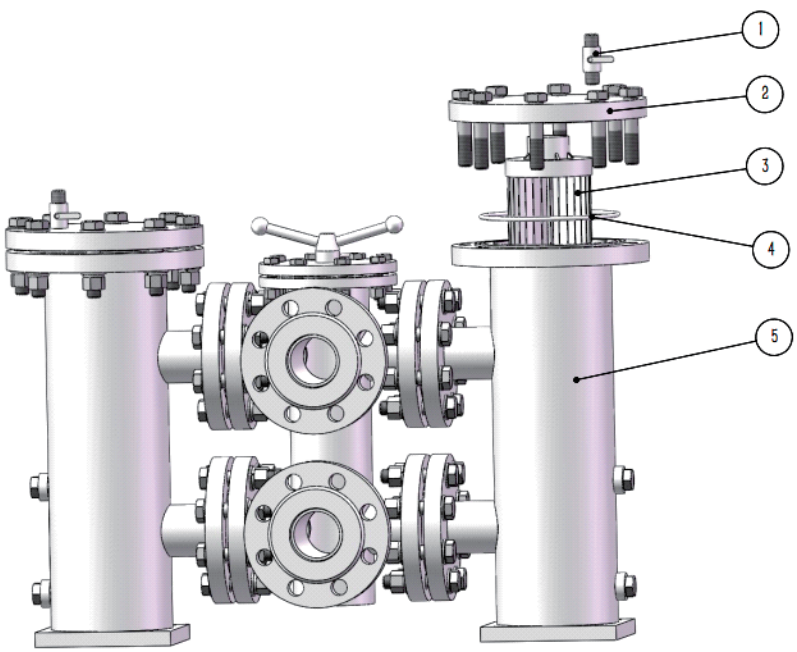
Being used in filtration of hydraulic oil and lubricants at low pressure.The filter has a change-over valve and it can be directly installed in the pipelines to provide wear protection of subsequent components and systems.

Operating pressure: Max. 16 bar　　Operating temperature: -25℃~120℃

Setting pressure of clogging indicator: 2 bar　　Bypass valve cracking pressure: 3 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	排气阀 Air vent	
2	滤盖 Cap	
3	滤芯 Element	易损件 Wearing Parts
4	O型密封圈 O-ring	易损件 Wearing Parts
5	壳体 Housing	

▶系列型谱 ORDERING INFORMATION

过滤器型号Filter Assembly | PLE | 160 | FD | H6 | 1 | 1

代号 Code	过滤器结构形式 Form of filter
PLE	单筒过滤器 Single cylinder filter
PLES	单筒过滤器 Single cylinder filter
PLED	双筒切换过滤器 Double cylinder change-over filter

代号 Code	流量（L/min) Flow rate
060	60
110	110
160	160
240	240
330	330
500	500
660	660
850	850
950	950
1300	1300

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 40μm
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

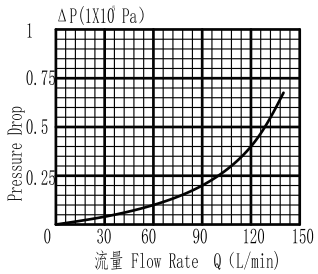
滤芯型号 Replacement Element | ERB | 160 | FD | 1

▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

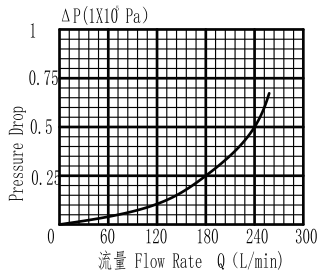
▶ （介质参数KINEMATIC VISCOSITY :30mm²/s DENDITY 0.86kg/dm³ ）

过滤器壳体压降 Filter Housing Pressure Drop

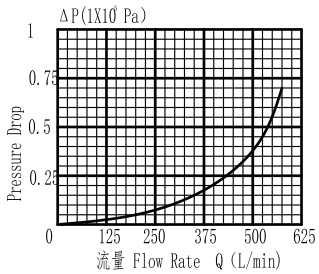
PLE(PLES,PLED)0060/0110



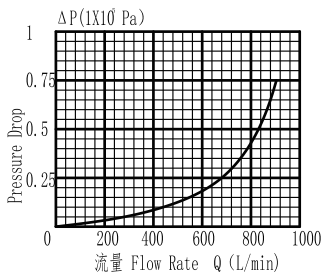
PLE(PLES,PLED)0160/0240



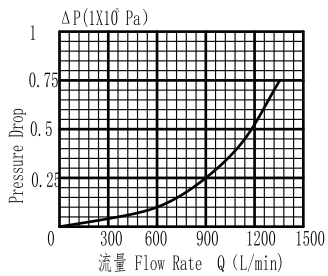
PLE(PLES,PLED)0330/0500



PLE(PLES,PLED)0660/0850

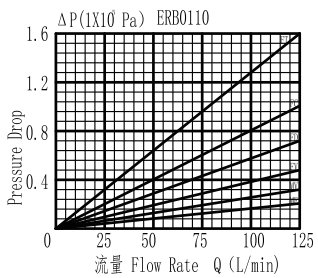


PLE(PLES,PLED)0950/1300

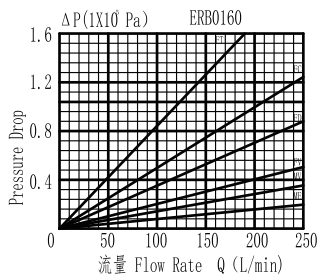


清洁滤芯压降Clean Pressure Drop

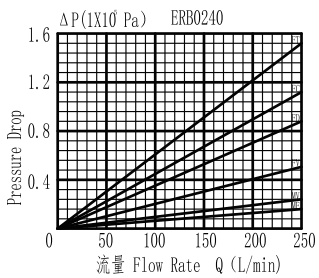
ΔP(1X10⁵ Pa) ERB0110



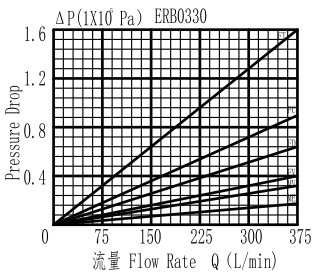
ΔP(1X10⁵ Pa) ERB0160



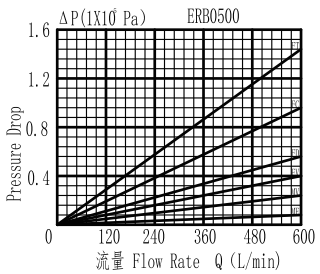
ΔP(1X10⁵ Pa) ERB0240



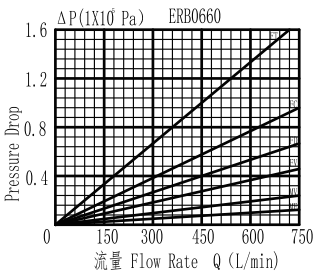
ΔP(1X10⁵ Pa) ERB0330



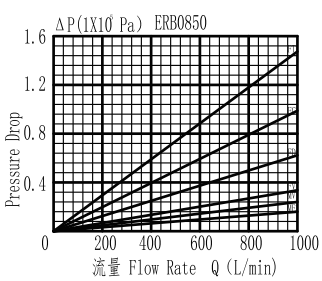
ΔP(1X10⁵ Pa) ERB0500



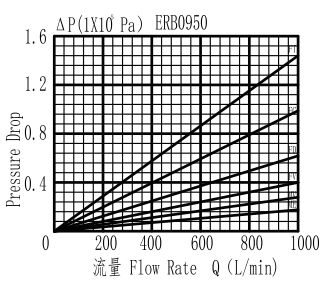
ΔP(1X10⁵ Pa) ERB0660



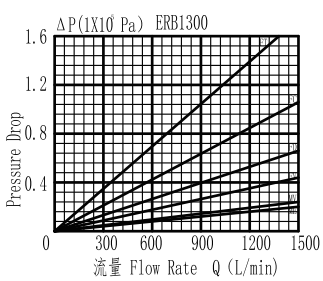
ΔP(1X10⁵ Pa) ERB0850



ΔP(1X10⁵ Pa) ERB0950

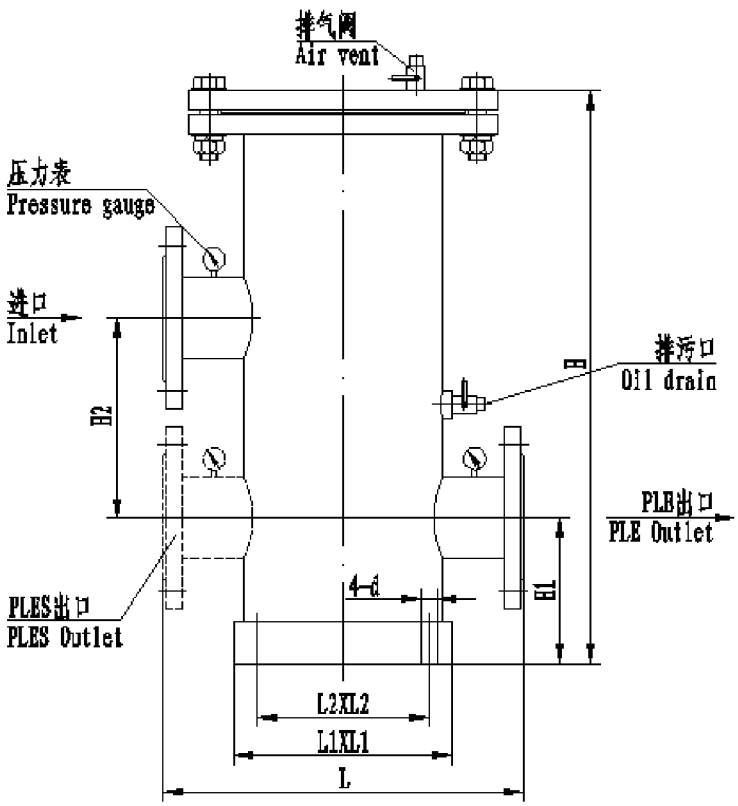


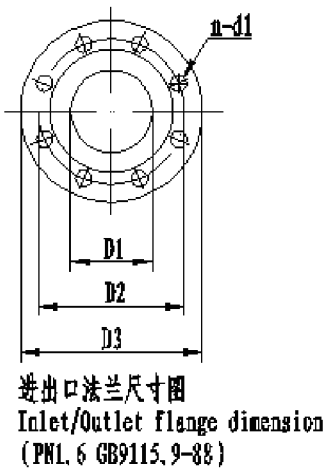
ΔP(1X10⁵ Pa) ERB1300



图示尺寸 DIMENSIONS

PLE/PLES系列 PLE/PLES Series

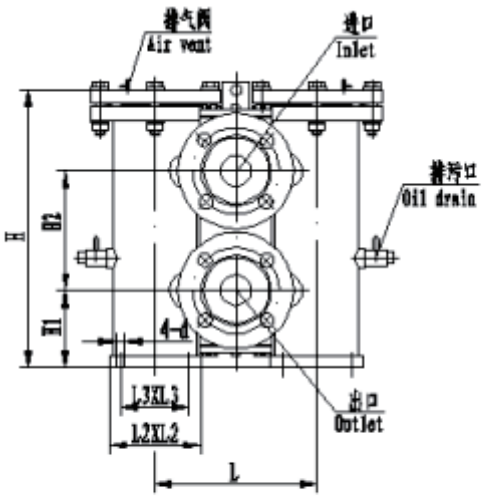


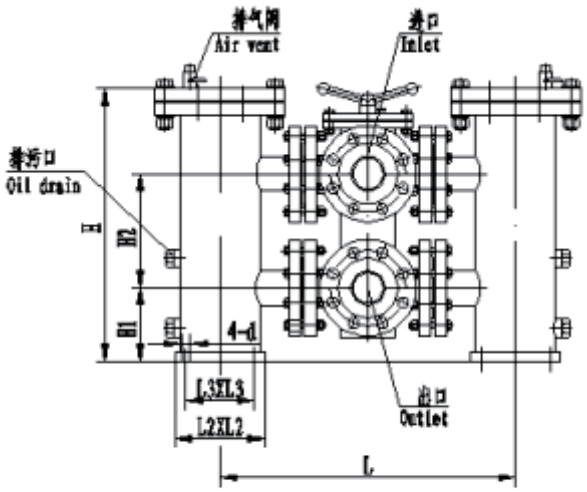


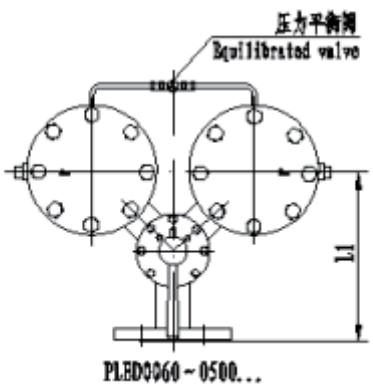
进出口法兰尺寸图
Inlet/Outlet flange dimension
(PN1.6 GB9115.9-88)

过滤器型号 Filter Type	H	H1	H2	L	L1	L2	D1	D2	D3	d	d1	N
PLE/PLES0060	285.5	80	125	170	90	70	Φ25	Φ85	Φ115	Φ7	Φ14	4
PLE/PLES0110												
PLE/PLES0160	339	90	155	220	120	100	Φ40	Φ110	Φ145	Φ9	Φ18	4
PLE/PLES0240												
PLE/PLES0330	429	100	190	260	140	120	Φ50	Φ125	Φ160			
PLE/PLES0500												
PLE/PLES0660	533	130	230	300	180	150	Φ80	Φ160	Φ195	Φ14	Φ18	8
PLE/PLES0850	613.5											
PLE/PLES0950	585	140	250	380	240	200	Φ100	Φ180	Φ215	Φ18		
PLE/PLES1300	704											

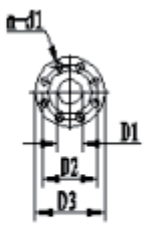
▶ 图示尺寸 DIMENSIONS



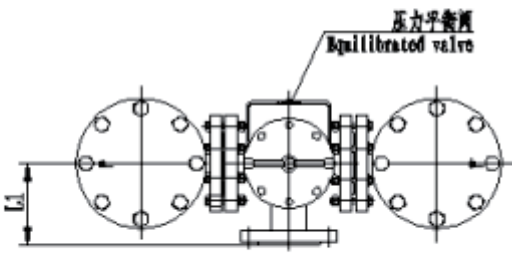




PLED0060～0500...



进出口法兰尺寸图
Inlet/Outlet flange dimension
(PN1.6 GB9115.9-88)



PLED0660～1300...

过滤器型号 Filter Type	H	H1	H2	L	L1	L2	L3	D1	D2	D3	d	d1	N
PLED0060	285.5	80	125	150	159	90	70	Φ25	Φ85	Φ115	Φ7	Φ14	4
PLED0110													
PLED0160	339	90	155	200	204	120	100	Φ40	Φ110	Φ145	Φ9	Φ18	
PLED0240													
PLED0330	429	100	190	240	244	140	120	Φ50	Φ125	Φ160			
PLED0500													
PLED0660	533	130	230	582	140	180	150	Φ80	Φ160	Φ195	Φ14	Φ18	8
PLED0850	613.5												
PLED0950	585	140	250	712	165	240	200	Φ100	Φ180	Φ215	Φ18		
PLED1300	704												