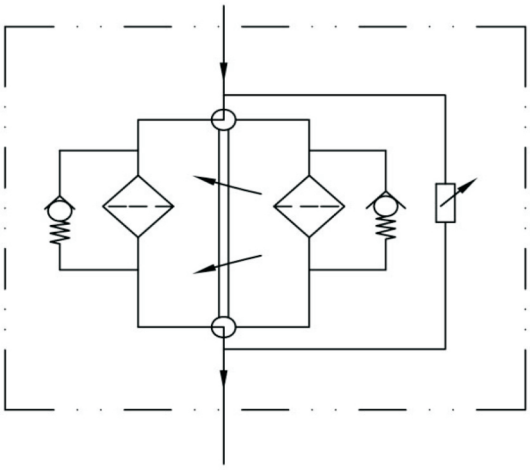
产品液压符号
Hydraulic symbol

进口 Inlet



出口 Outlet

性能参数 Specifications

结构形式：双切换	Type of construction: Inline duplex filter
安装方式:过滤器固定在地面上，管路联接	Mounting method：The filter be flexibly mounted to the floor.
流动方向：上进，下出	Direction of flow: Inlet: above, Outlet: below
工作压力：16bar	Operating pressure: 16 bar
工作温度：-10℃ ~ +120℃	Operating temperature Range: -10℃ to +120℃
密封：丁晴橡胶，氟橡胶，其它材料按要求	Seal material: NBR,Viton, EPDM on request
过滤材料： 玻纤，滤纸和编织网	Filtration media: glass fibre, cellulose and wire mesh.
滤芯爆破强度：10bar	Element collapse rating: 10 bar (ISO 2941)
旁通阀开启压力3bar 其它压力设置按用户需求	Bypass setting: Opening pressure 3 bar, Other settings on request.
发讯器发讯压力：2bar 目视-目/电	Indicator options: 2 bar visual –visual /electrical
工作介质相容性：适用于矿物油，人工合成油 其它介质咨询公司技术部门。	Fluid compatibility: Suitable for mineral oils, synthetic oils. For use with water, please contact our company.

H

订货代码 Ordering Code

过滤器总成 The Completed Filter

PLFD 1300 F 010 N F100 V

过滤器型号 Filter type
PLFA: 单筒 A 型 Single type A；PLFB: 单筒 B 型 Single type B
PLFD: 双筒切换型 Duplex

流量 Flow rate (L/min)
0060,0110, 0160,0240, 0330, 0500, 0660,0850,0950 ,1300
2600, 3900,6500, 7800, 9100，2620, 5220, 7820,13020

滤芯材料 Element material
P: 滤纸Celullose (β x=2), F: 玻纤Glass fiber(β x≥200), W: 金属网Wire mesh

过滤精度 Filtration rating(μm)
(F): 002, 005, 010, 020 (P): 010, 025 (W): 040

密封材料 Seals
N:丁晴橡胶NBR, V: 氟橡胶Viton

接口法兰形式/尺寸 Port type/Size

流量 Flow rate	形式/尺寸 Type/Size F(法兰Flange)							
	25	40	50	80	100	150	200	250
PLF0060	●							
PLF0110	●							
PLF0160		●						
PLF0240		●						
PLF0330			●					
PLF0500			●					
PLF0660				●				
PLF0850				●				
PLF0950					●			
PLF1300				●	●			
PLF2600					●	●		
PLF3900						●	●	
PLF5200							●	●
PLF6500							●	●
PLF7800							●	●
PLF9100							●	●
PLF2620				●	●			
PLF5220					●	●		
PLF7820						●	●	
PLF13020							●	●
F25=法兰FlangeΦ25, F40=法兰FlangeΦ40, F50=法兰FlangeΦ50								
F80=法兰FlangeΦ80, F100=法兰FlangeΦ100								
F150=法兰FlangeΦ150, F200=法兰FlangeΦ200, F250=法兰FlangeΦ250								

压差发讯器 Indicators
N: 无No, V: 目视visual 2bar, E: 目/电式visual/electrical 2bar

滤芯 The Replacement Element

PLE 1300 F 010 N

滤芯型号 Element type

流量 Flow rate (L/min)
0060,0110, 0160,0240, 0330, 0500, 0660,0850,0950 ,1300，2600

滤芯材料 Element material
P: 滤纸Celullose (β x=2)， F: 玻纤Glass fiber(β x≥200)， W: 金属网Wire mesh

过滤精度 Filtration rating(μ m)
(F): 002, 005, 010, 020 (P): 010, 025 (W):040

密封材料 Seals
N: 丁晴橡胶NBR, V: 氟橡胶Vitonz

过滤器主要参数 Filter Specification

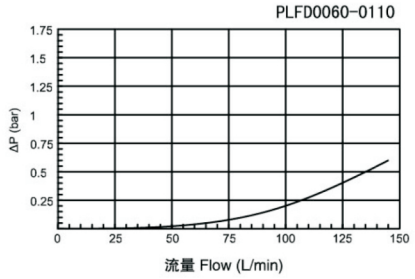
过滤器 Filter	接口 Ports	滤芯 Element	流量 Flow(L/min)	滤芯数 No. of element
PLF0060	法兰Flange Φ25	PLE 0060	60	1x2
PLF0110		PLE 0110	110	
PLF0160	法兰Flange Φ40	PLE 0160	160	
PLF0240		PLE 0240	240	
PLF0330	法兰Flange Φ50	PLE 0330	330	
PLF0500		PLE 0500	500	
PLF0660	法兰Flange Φ80	PLE 0660	660	
PLF0850		PLE 0850	850	
PLF0950	法兰Flange Φ100	PLE 0950	950	
PLF1300	法兰Flange Φ80，Φ100	PLE 1300	1300	
PLF2600	法兰Flange Φ100，Φ150		2600	2x2
PLF3900	法兰Flange Φ150，Φ200		3900	3x2
PLF5200	法兰Flange Φ200，Φ250		5200	4x2
PLF6500			6500	5x2
PLF7800			7800	6x2
PLF9100			9100	7x2
PLF2620	法兰Flange Φ80，Φ100	PLE 2600	2600	1x2
PLF5220	法兰Flange Φ100，Φ150		5200	2x2
PLF7820	法兰Flange Φ150，Φ200		7800	3x2
PLF13020	法兰Flange Φ200，Φ250		13000	5x2

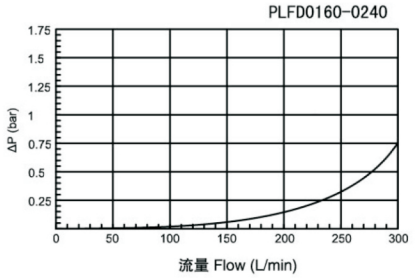
H

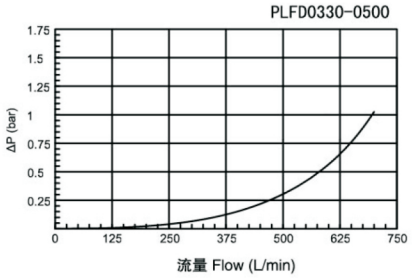
压降曲线 Pressure Drop Curves

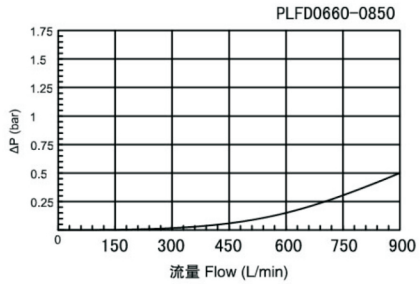
过滤器的压降是壳体的压降加上清洁滤芯的压降。推荐低压过滤器初始压降不大于0.5bar。
如果所使用的工作介质粘度不是32cSt，实际压降计算如下：
Δp = (Δp32 x 工作介质粘度) / 32cSt.
过滤器压降数据是基于工作介质的动力粘度32cSt、密度0.87得到。
The "Assembly Pressure Drop(ΔP) is obtained by adding the pressure drop values of the filer housing and of the clean filter element and the recommended level of the initial pressure drop for low pressure filters is Max. 0.5 bar.
If the medium used has a viscosity different from 32cSt, pressure drop over the filter can be estimated as follows:
Δp = (Δp32 x viscosity of medium used) / 32cSt.
Filter pressure drop based on 32cSt fluid viscosity and 0.87 density.

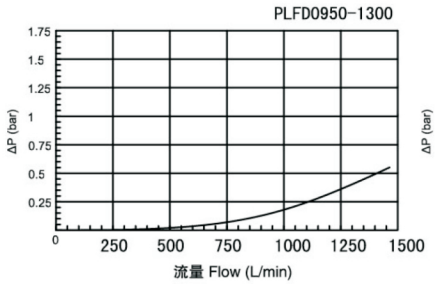
壳体压降 Filter Housing Pressure Drop

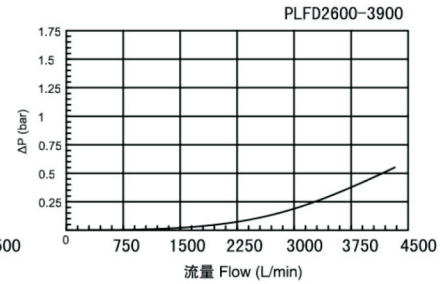


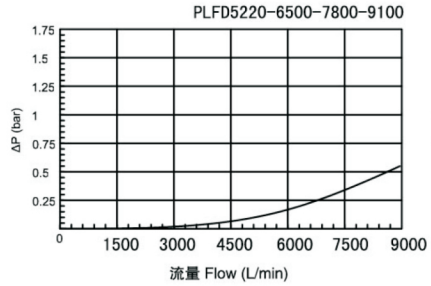


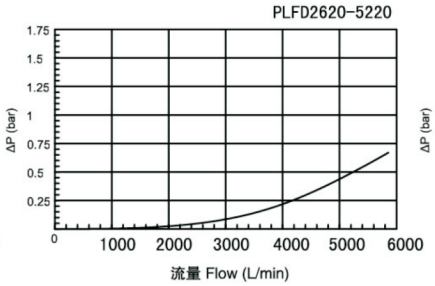


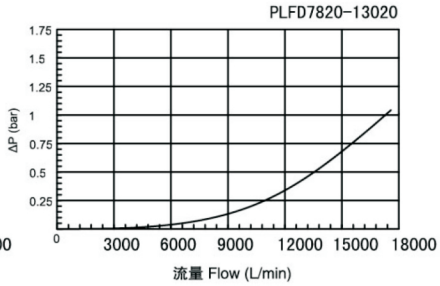








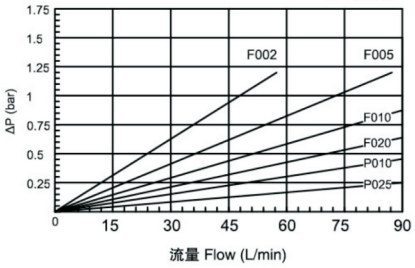




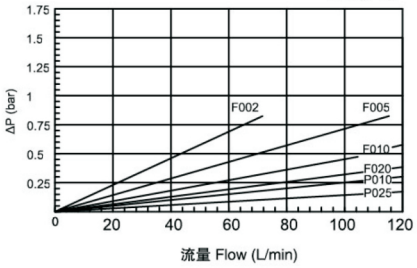
玻纤和滤纸滤芯初始压降

Clean Element Pressure Drop With Media F&P

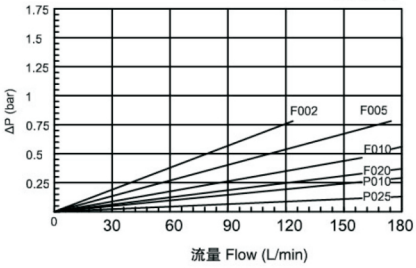
PLE0060



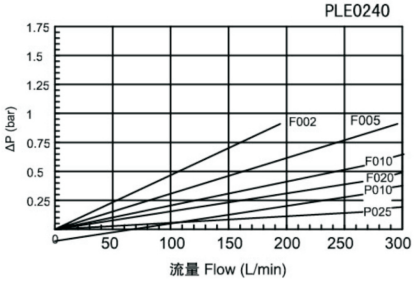
PLE0110



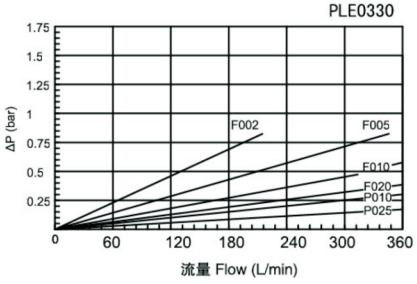
PLE0160



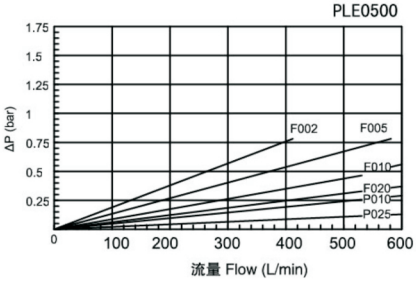
PLE0240



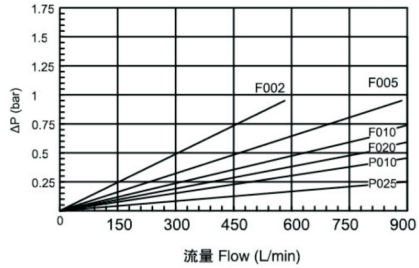
PLE0330



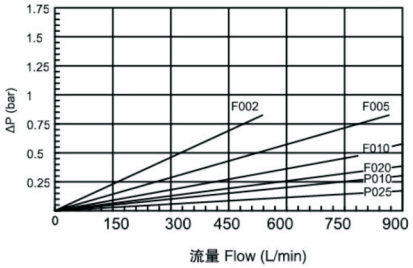
PLE0500



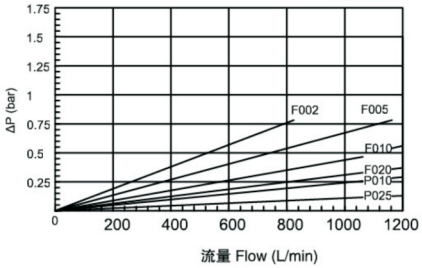
PLE0660



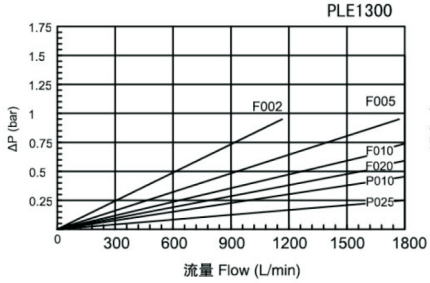
PLE0850



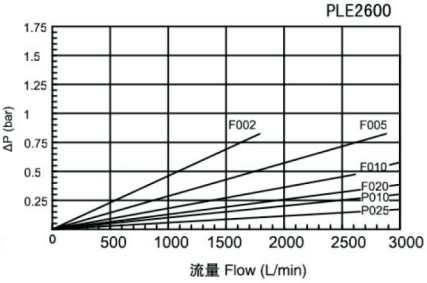
PLE0950



PLE1300



PLE2600



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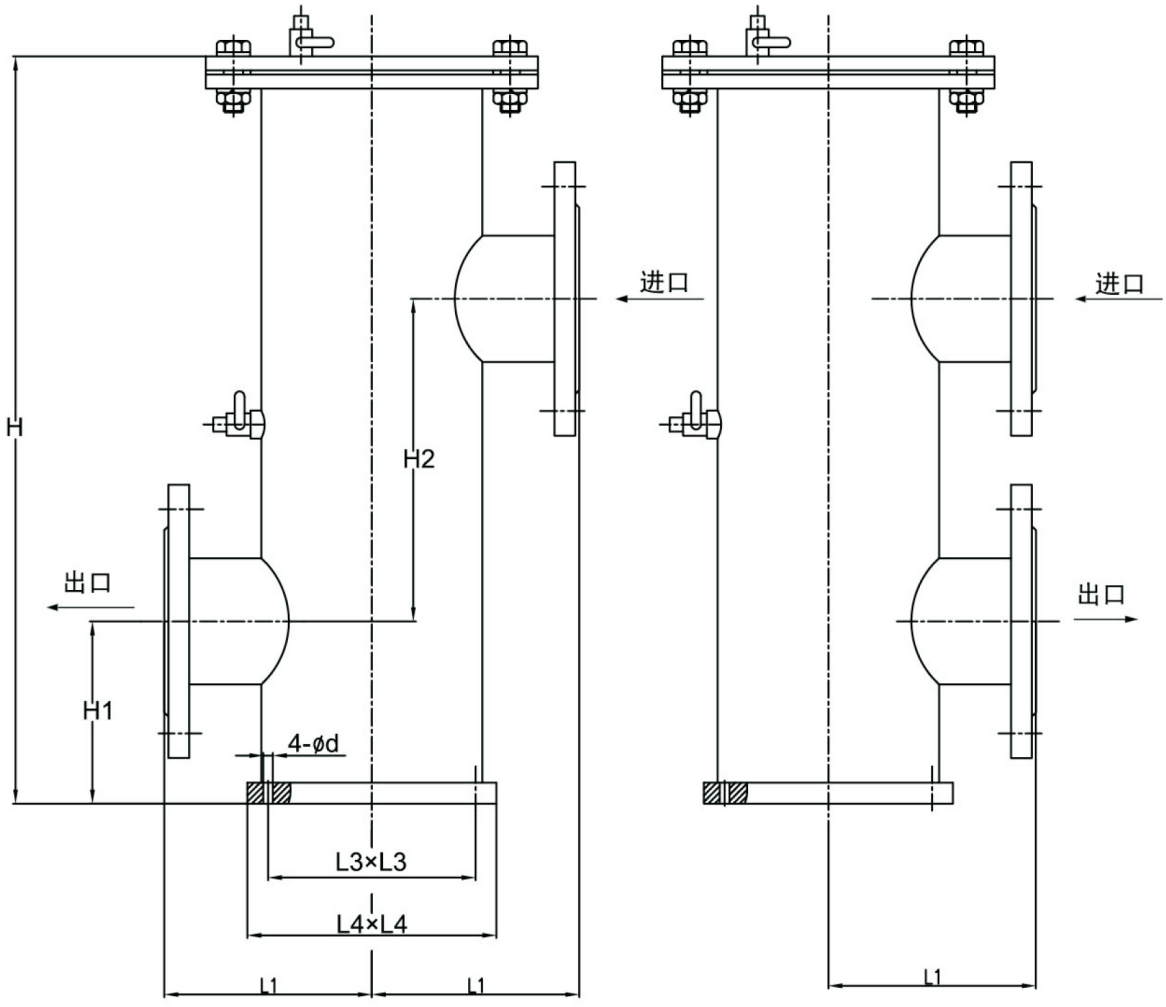
外形安装尺寸 Dimensions

PLFA / PLFB0060–1300

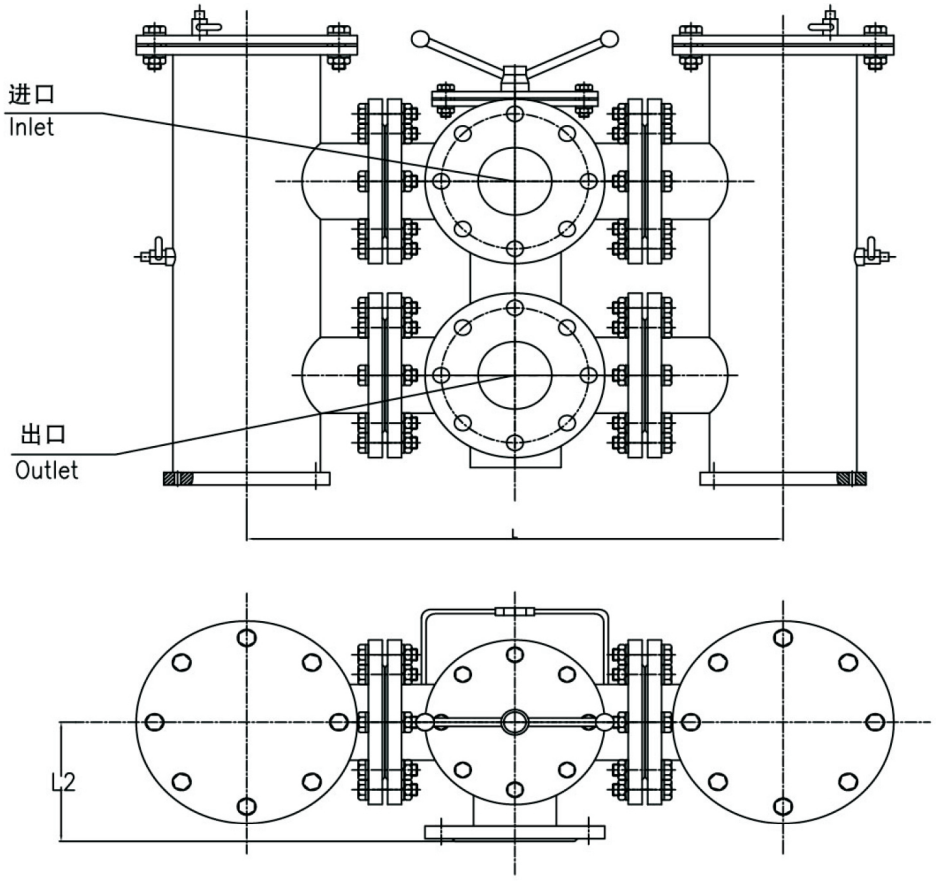


型式Type: PLFA

型式Type:PLFB

外形安装尺寸 Dimensions

PLFD0060–1300



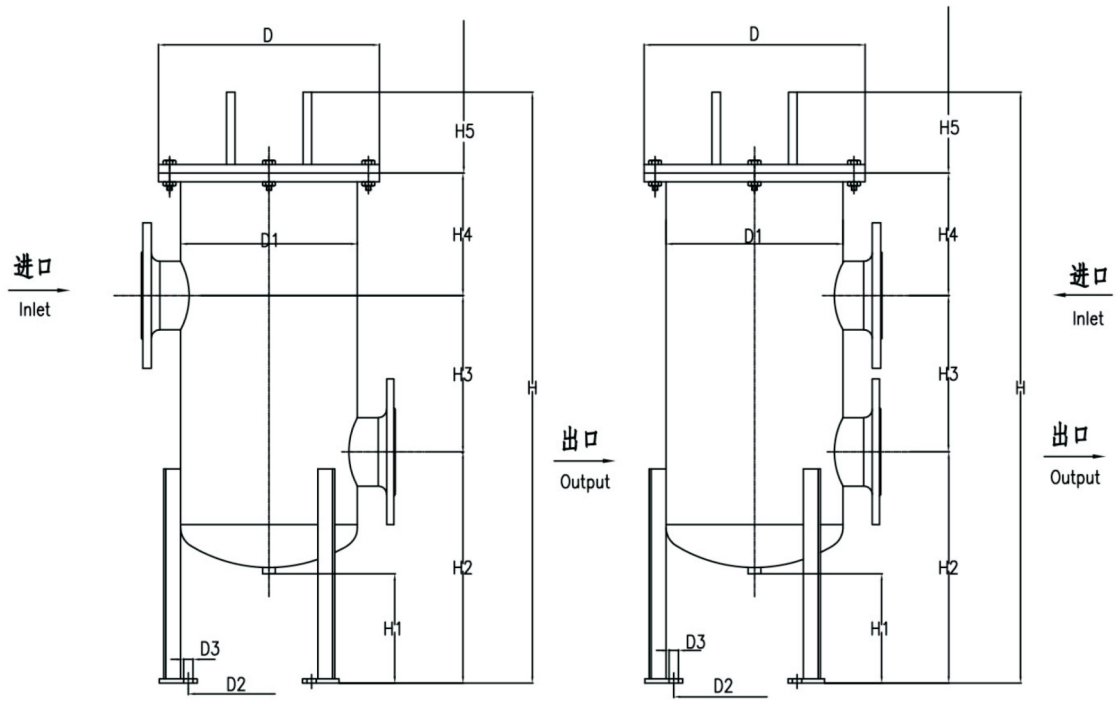
形式Type: PLFD

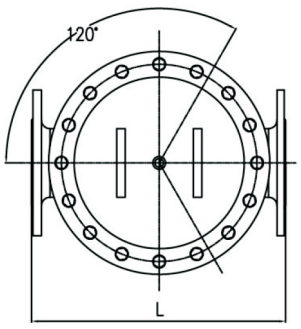
过滤器 Filter	H	H1	H2	L	L1	L2	L3	L4	d
PLF0060	286	80	125	150	170	159	70	90	7
PLF0110									
PLF0160	349	90	155	200	220	204	100	120	9
PLF0240									
PLF0330	440	100	190	240	260	244	120	140	
PLF0500									
PLF0660	535	130	230	582	300	140	150	180	14
PLF0850	615								
PLF0950	586	140	250	712	380	165	200	240	18
PLF1300	704								

H

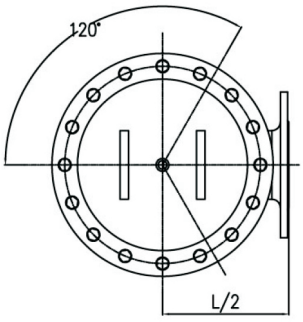
外形安装尺寸 Dimensions

PLFA/PLFB2600–13020

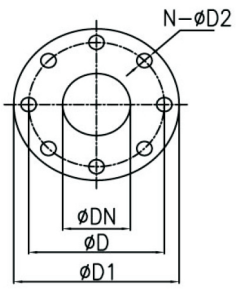




形式Type: PLFA



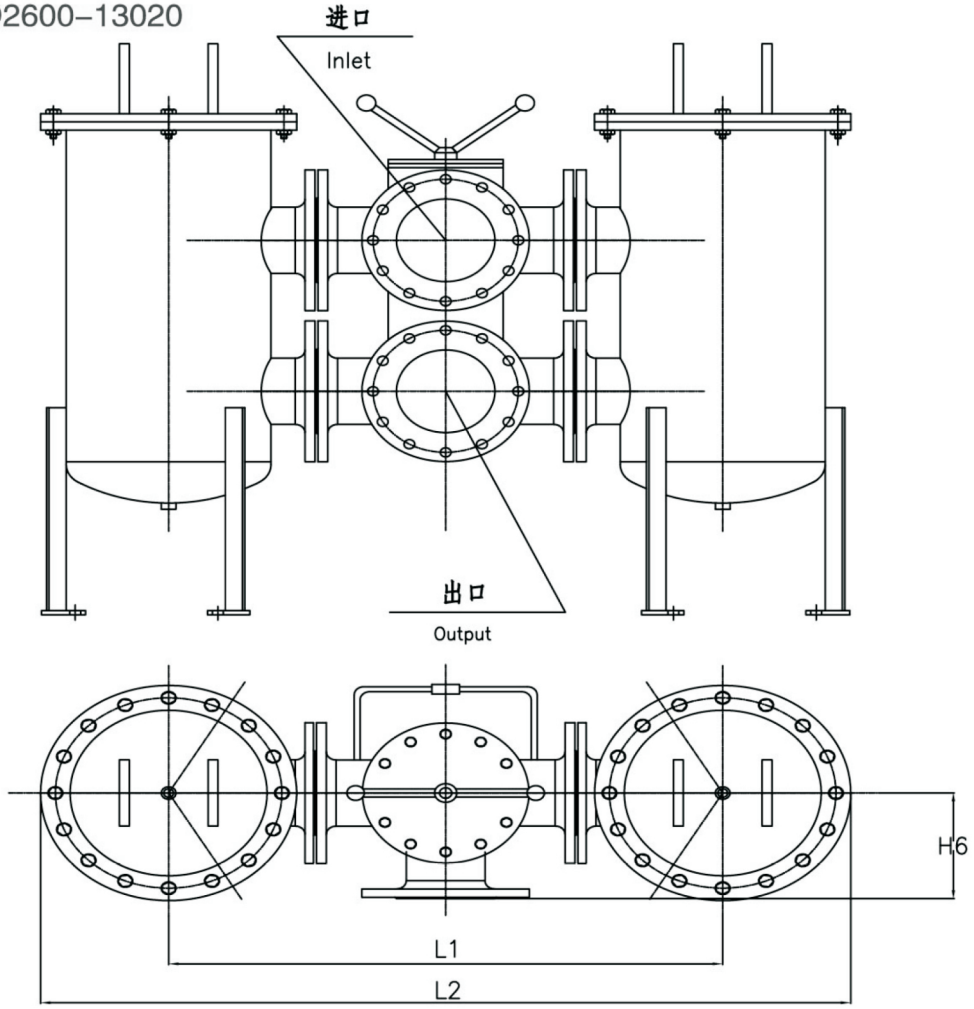
形式Type:PLFB



法兰 Flange

外形安装尺寸 Dimensions

PLFD2600–13020

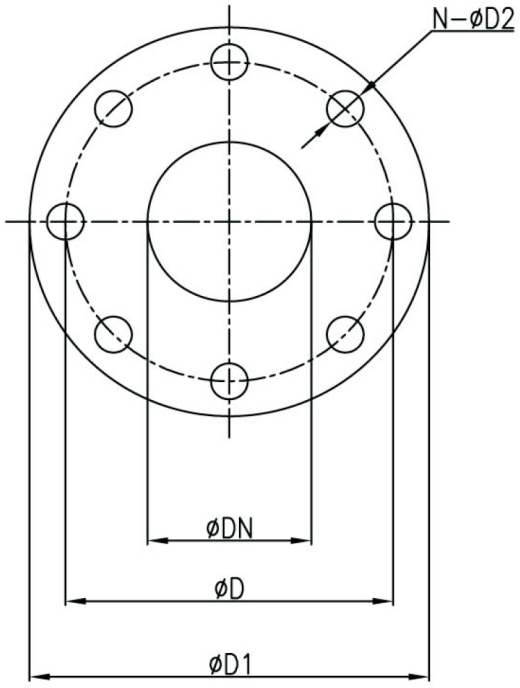


形式Type: PLFD

型号 Type	H	H1	H2	H3	H4	H5	H6	L	L1	L2	D	D1	D2	D3
PLF2600	1380	255	540	365	286	500	255	600	1125	1645	520	416	386	22
PLF3900														
PLF6500								746	1400	2020	620	508	478	
PLF7800							310							
PLF9100														
PLF2620	1410				726	940		500	1125	1465	340	245	215	
PLF5220	1700			450			255	600			520	416	386	
PLF7820							310							
PLF13020								746	1400	2020	620	508	478	

H

法兰连接尺寸 Flange Dimensions



过滤器 Filter	法兰Φ	D	D1	D2	D3	N
PLF0060	25	25	85	115	14	4
PLF0110						
PLF0160	40	40	110	145	18	
PLF0240						
PLF0330	50	50	125	160		
PLF0500						
PLF0660	80	90	160	195		8
PLF0850						
PLF0950	100	100	180	215		
PLF1300						
PLF2600	150	161	240	285		
PLF3900	200	220	295	340	23	12
PLF5200	250	275	355	405		
PLF6500						
PLF7800						
PLF9100						