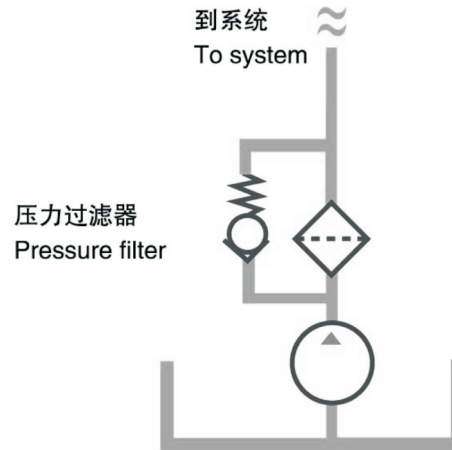




产品液压符号  
Hydraulic symbol



### 技术性能参数 Specification

结构形式：管路型，倒置安装	Type of construction: Inline, base mounted
安装方式：底座上4个安装孔	Mounting method: 4 mounting holes in the base
流动方向：在底座同一水平线， 一边进口到另一边出口。	Flow direction: Inlet to outlet: side connection, at the base, on opposite sides
工作压力：最大345bar	Operating pressure: Max. 345 bar
工作温度：-30℃ ~ +120℃	Operating temperature range: -30℃ to +120℃
接口形式：BSP/公制螺纹，SAE法兰	Ports: Threaded BSP/Metric, Flanges SAE
密封材料：丁晴橡胶，氟橡胶	Seal material: NBR, Viton, EPDM on request
过滤材料： 玻纤，滤纸和金属网	Filtration media: glass fibre, cellulose and wire mesh.
滤芯爆破强度：20bar	Element collapse rating: 20 bar (ISO 2941)
旁通阀开启压力：6bar 其它压力设置按用户需求	Bypass setting: Opening pressure 6 bar, Other settings on request.
发讯器报警压力：5bar 目视式-目/电式	Pressure indicator options: 5 bar visual - visual /electrical
壳体材料：铸铁，钢	Filter housing: head: SG iron, bowl: steel
工作介质相容性： 适用于各种矿物油，人工合成油。 其它各种介质请咨询公司技术部门。	Fluid compatibility: Suitable for mineral oils, synthetic oils. For use with water, please contact our company.



**订货代码** Ordering Code

**过滤器** The Completed Filter

PRF 0250 F 010 N F40 V

过滤器型号 Filter type \_\_\_\_\_

流量 Flow rate (L/min) \_\_\_\_\_

0040, 0063, 0110, 0160, 0250, 0400, 0630, 0800

滤芯材料 Element material \_\_\_\_\_

P: 滤纸 Celullose ( $\beta x=2$ ), F: 玻纤 Glass fiber ( $\beta x \geq 200$ ),  
W: 金属网 Wire mesh

过滤精度 Filtration rating ( $\mu m$ ) \_\_\_\_\_

(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 Viton

接口形式/尺寸 Port type/Size \_\_\_\_\_

流量 Flow Rate	形式/尺寸 Type/Size							
	B(BSPP 管螺纹 thread)			M(公制螺纹 Metric thread)			F(法兰 Flange)	
	16	20	24	33	42	48	40	50
PRF0040	●			●				
PRF0063	●			●				
PRF0110		●			●			
PRF0160			●			●		
PRF0250							●	
PRF0400							●	
PRF0630								●
PRF0800								●
B16=G1, B20=G1-1/4, B24=G1-1/2								
M33=M33x2, M42=M42x2, M48=M48x2								
F40=法兰 flange SAE 1-1/2", F50=法兰 flange SAE 2"								

压差发讯器 Indicators \_\_\_\_\_

N: 无 No, V: 目视 visual 5bar, E: 目/电式 visual/electrical 5bar

### 滤芯 The replacement Element



### 过滤器主要性能参数 Filter Specification

过滤器 Filter	接口 Ports	滤芯 Element	流量 Flow(L/min)	重量 Weight(Kg)
PRF0040	G1, M33x2 螺纹	PRE0040...	40	8.7
PRF0063		PRE0063...	63	10.2
PRF0110	G1-1/4, M42x2 螺纹	PRE0110...	110	15.5
PRF0160	G1-1/2, M48x2 螺纹	PRE0160...	160	18.6
PRF0250	法兰 Flange SAE1-1/2"	PRE0250...	250	25.4
PRF0400		PRE0400...	400	34.9
PRF0630	法兰 Flange SAE 2"	PRE0630...	630	42.6
PRF0800		PRE0800...	800	54.5

### 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。推荐高压过滤器初始压降不大于1.2bar。

如果所使用的工作介质粘度不是32cSt, 实际压降计算如下:

$$\Delta p = (\Delta p_{32} \times \text{工作介质粘度}) / 32\text{cSt}$$

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 ( $\Delta P$ ) is obtained by adding the pressure drop values of the filter housing and of the clean filter element and the recommended level of the initial pressure drop for high pressure filters is Max. 1.2 bar.

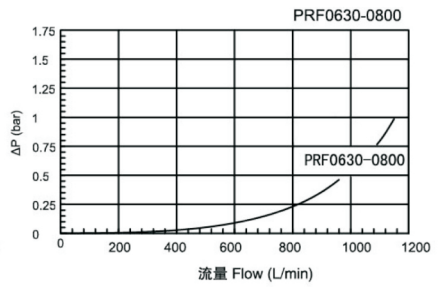
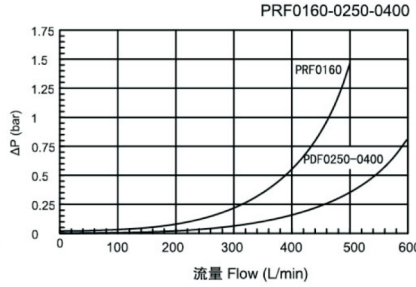
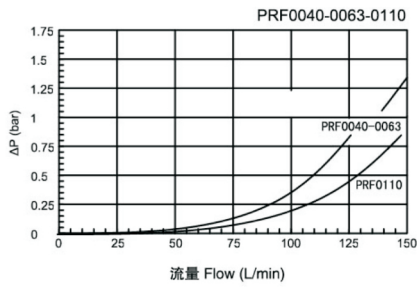
If the medium used has a viscosity different from 32cSt, pressure drop over the filter can be estimated as follows:

$$\Delta p = (\Delta p_{32} \times \text{viscosity of medium used}) / 32\text{cSt}$$

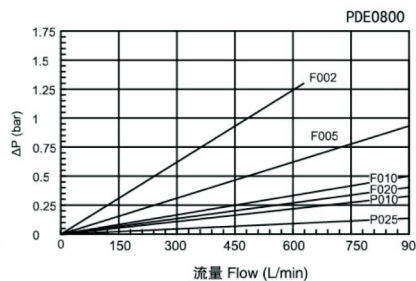
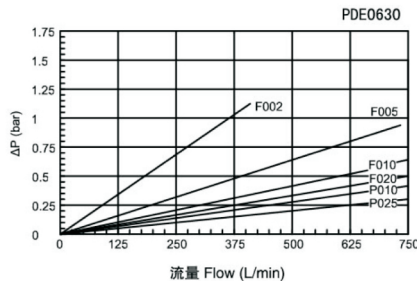
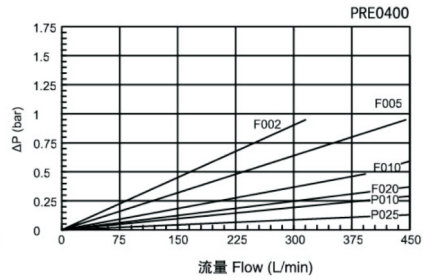
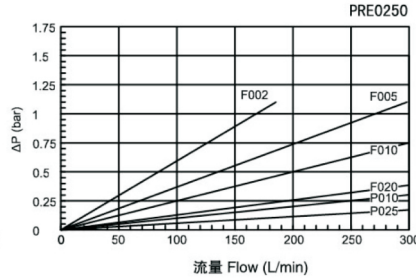
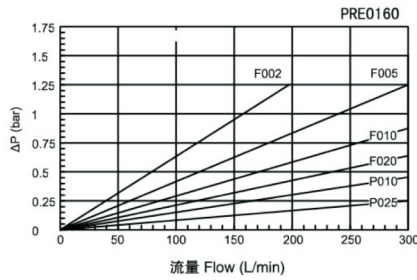
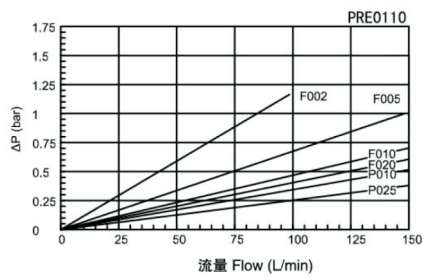
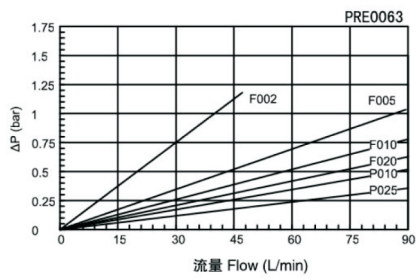
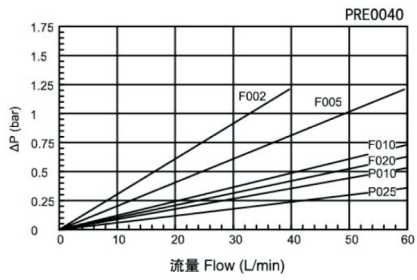
Filter pressure drop based on 32cSt fluid viscosity and 0.87 density.



**壳体压降 Filter Housing Pressure Drop**

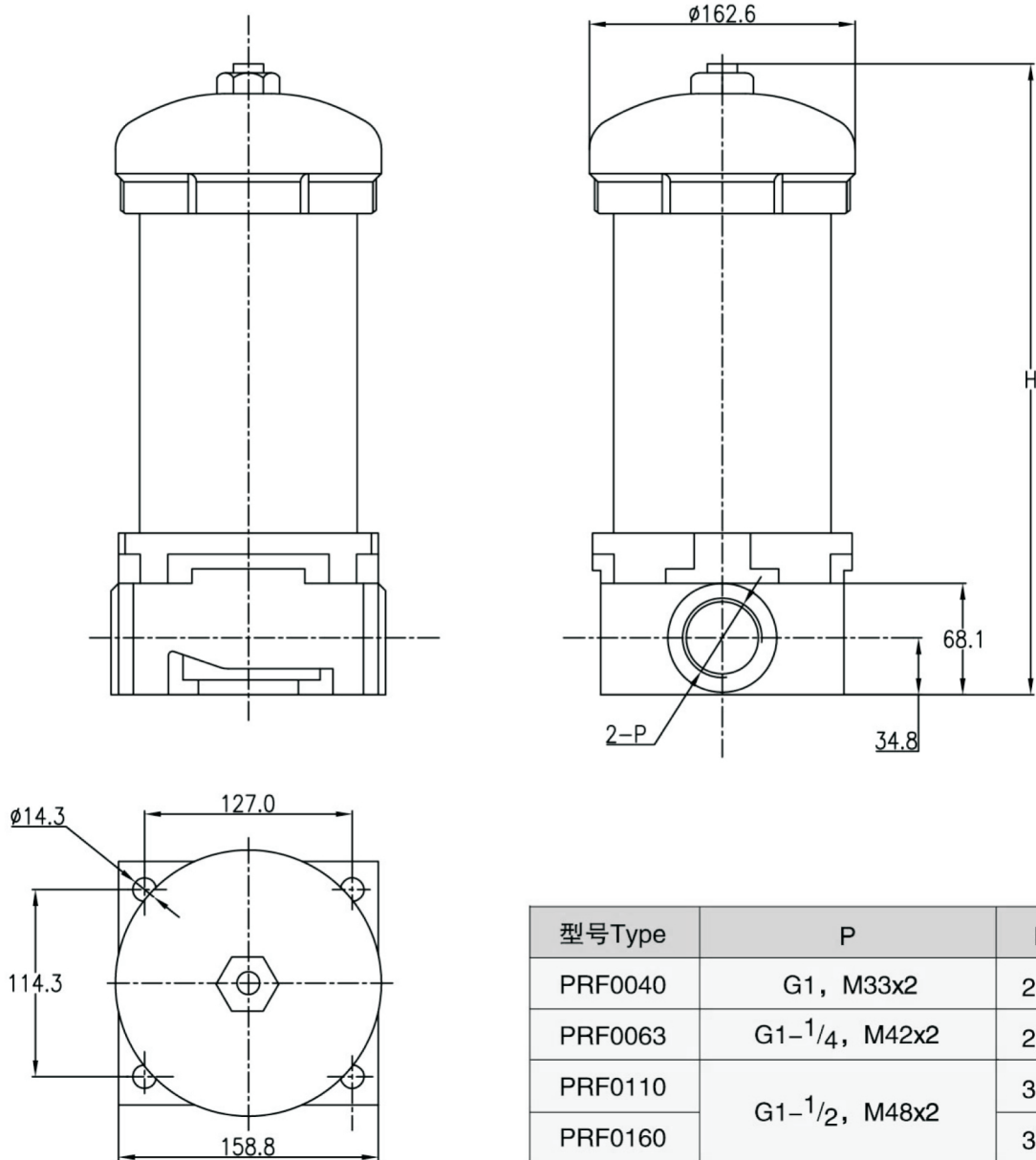


**玻纤和滤纸滤芯初始压降 Clean Element Pressure Drop With Media F & P**



### 外形安装尺寸 Dimensions

PRF0040-0160

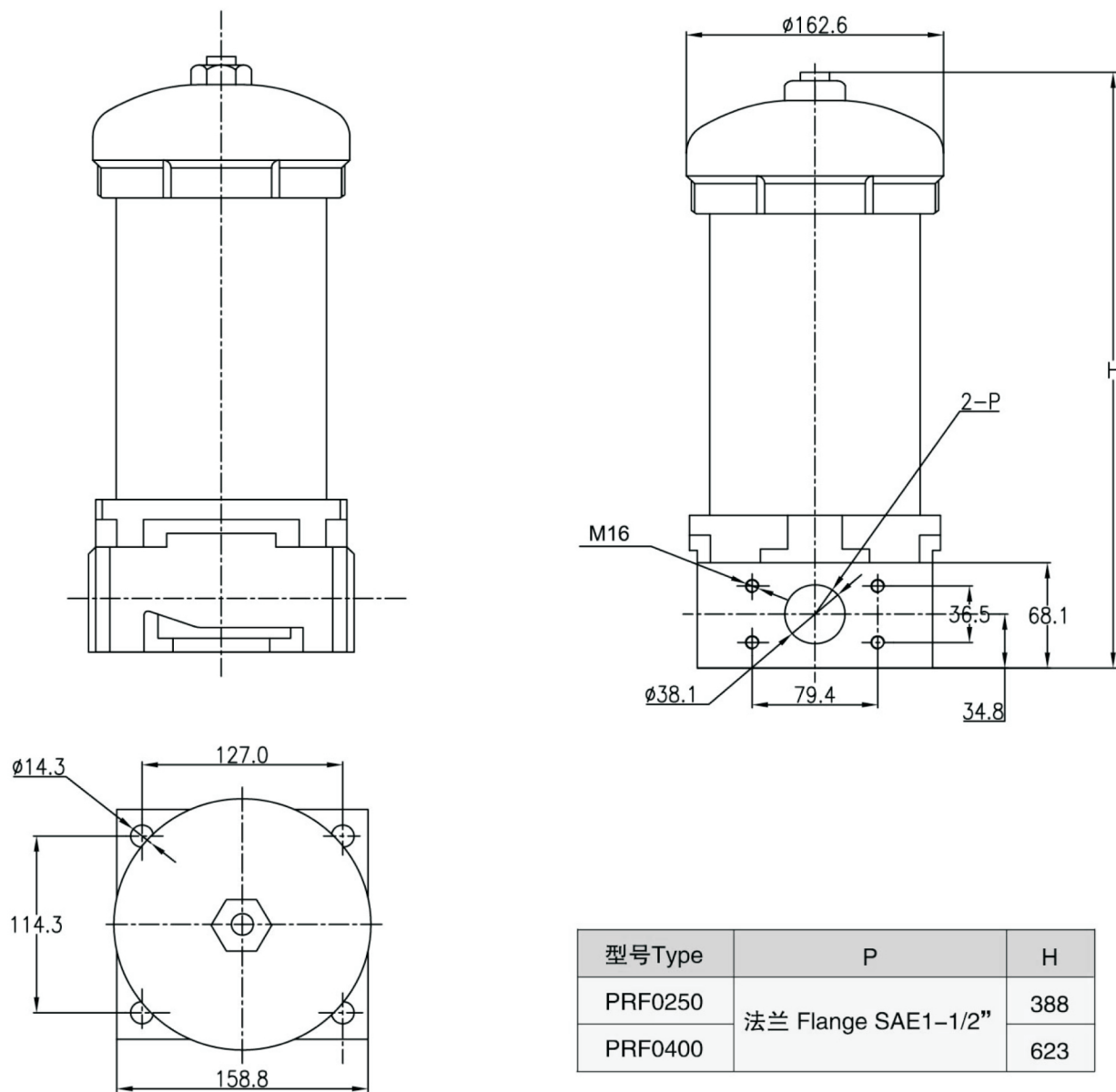


型号Type	P	H
PRF0040	G1, M33x2	247
PRF0063	G1- <sup>1</sup> / <sub>4</sub> , M42x2	279
PRF0110	G1- <sup>1</sup> / <sub>2</sub> , M48x2	315
PRF0160		377



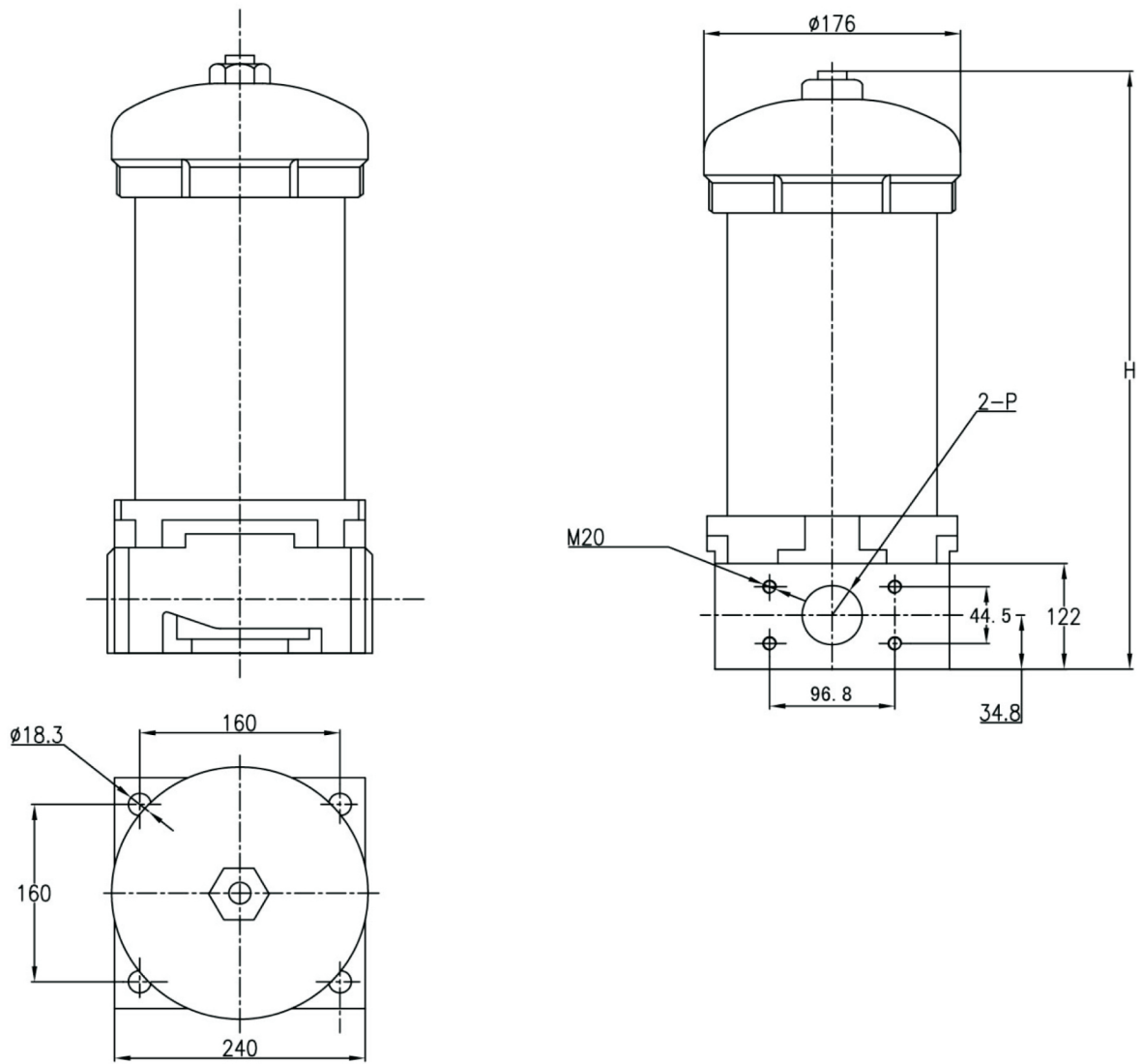
外形安装尺寸 Dimensions

PRF0250-0400



### 外形安装尺寸 Dimensions

PRF0630-0800



型号Type	P	H
PRF0630	法兰 Flange SAE 2"	632
PRF0800		752

