

CLEAN

PAF 系列



高压过滤器

流量 最大660L/min

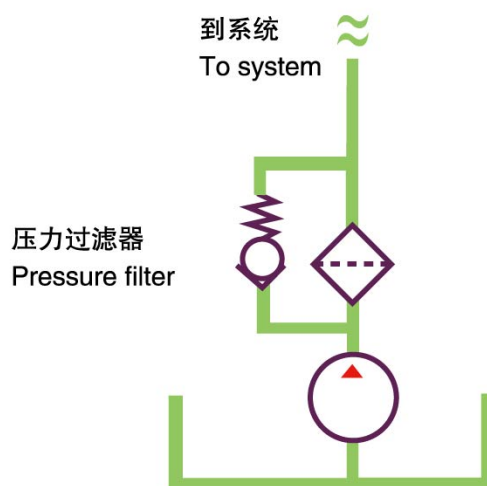
工作压力 最大420bar



性能参数 Specifications

产品结构形式：管路型	Type of construction : Inline filter
安装方式：T型,顶部4个螺纹孔吊装	Mounting method : Vertical
流动方向：在同一水平线，一边进口到另一边出口。	Flow direction: Inlet to outlet: side connection, at the same level, on opposite sides
工作压力：最大420bar	Operating pressure: Max. 420 bar
工作温度：-40℃ ~ +120℃	Operating temperature : -40℃ to +120℃
接口形式：BSPP/M 螺纹，SAE62法兰	Connection ports: BSPP/Metric, Flanges SAE62
密封材料：丁晴橡胶/氟橡胶。	Seal material: NBR,Viton, EPDM on request
滤材：	Filtration media:
玻纤：2、5、10、20 μ m	glass fibre: 2、5、10、20 μ m
滤纸：10、25 μ m	cellulose: 10 μ m,25 μ m
金属网：40 μ m	mesh:40 μ m.
滤芯爆破压差：20 bar	Element collapse rating: 20 bar
旁通阀开启压差：6 bar	Bypass setting:Opening pressure 6 bar
其它压差可按要求定制	other settings on request.
发讯装置发讯压差：5bar，目视-目/电式	Pressure indicator options: 5 bar
其它压差可按要求定制	- visual – visual /electrical,
	other settings on request.
工作介质相容性	Fluid compatibility:
适用于矿物油、人工合成油	Suitable for mineral oils, synthetic
其它介质请咨询公司技术部门	For use with water, please contact our company.

产品液压符号
Hydraulic symbol



订货代码 Ordering Code

过滤器 The Completed Filter

过滤器型号 Filter type _____ PAF 0500 F 010 N F40 V

流量 Flow rate (L/min) _____
0030, 0060, 0110, 0160, 0240, 0330, 0500, 0660

滤芯材料 Element material _____
P: 滤纸 Celulose ($\beta \times = 2$)
F: 玻纤 Glass fiber ($\beta \times \geq 200$)
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)		
	B08	B12	B16	M18	M27	M33	F25	F32	F40
0030	●			●					
0060		●			●				
0110		●			●				
0160			●			●	●		
0240			●			●	●		
0330								●	●
0500								●	●
0660								●	●
B08=G ¹ / ₂ , B12=G ³ / ₄ , B16=G1									
M18=M18x1.5, M27=M27x2, M33=M33x2									
F25=SAE62-1", F32=SAE62-1 1/4", F40=SAE61-1 1/2"									

压差发讯器 Indicators _____

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

滤芯代码 The Replacement Element

滤芯型号 Element type	PAE	0500	F	010	N
流量 Flow rate (L/min)					
0030, 060, 0110, 0160, 0240, 0330, 0500, 0660					
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 (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					

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)
PAF0030	螺纹 Thread G ¹ / ₂ , M18x1.5	PAE0030	30	3.2
PAF0060	螺纹 Thread G ³ / ₄ , M27x2	PAE0060	60	4.2
PAF0110		PAE0110	110	5.7
PAF0160	螺纹 Thread G1 , M33x2, 法兰 Flange SAE62 - 1 "	PAE0160	160	6.7
PAF0240		PAE0240	240	9.2
PAF0330	法兰 Flange SAE61 - 1 ¹ / ₂ " SAE62 - 1 ¹ / ₄ "	PAE0330	330	15.8
PAF0500		PAE0500	500	20.3
PAF0660		PAE0660	660	24.8

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。

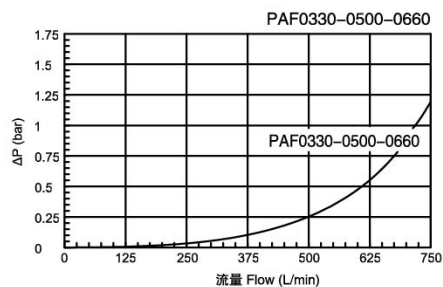
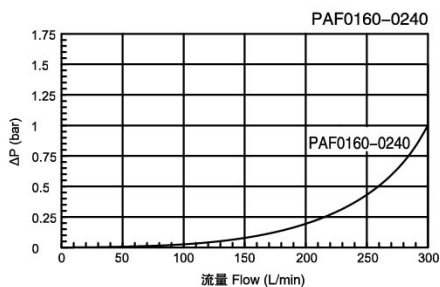
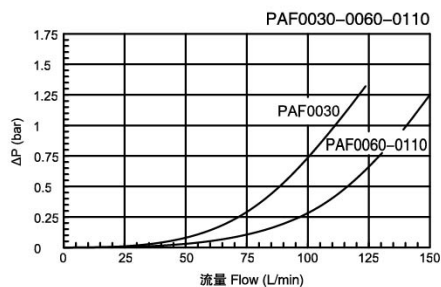
The "Assembly Pressure Drop (ΔP) is obtained by adding the pressure drop values of the filter housing and of the clean filter element and the recommended level of the initial pressure drop for high pressure filters is Max. 1.2 bar.

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

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

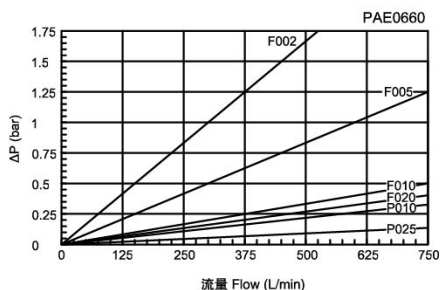
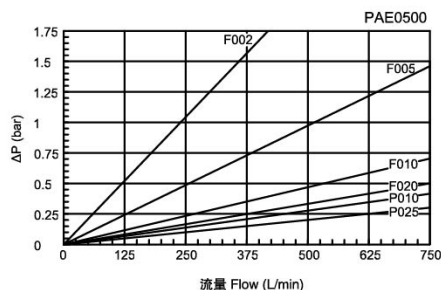
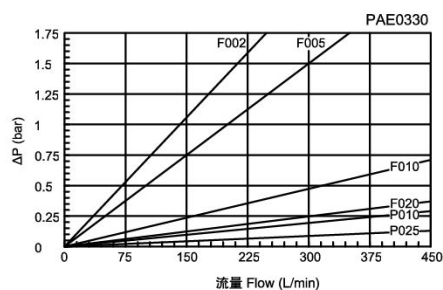
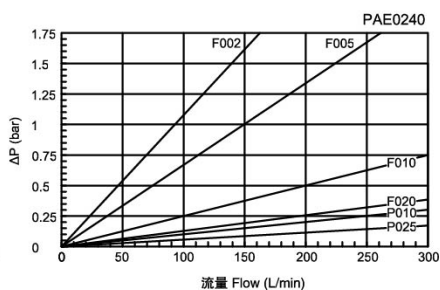
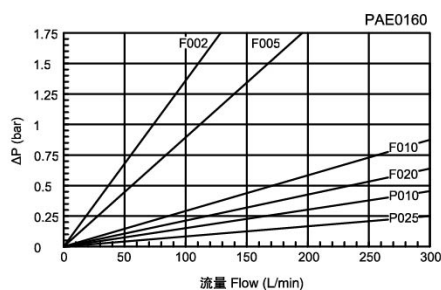
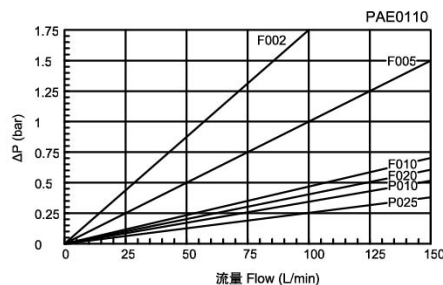
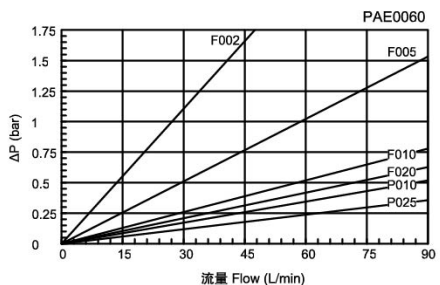
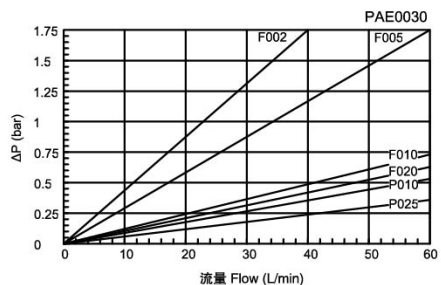
Filter pressure drop based on 32cSt fluid viscosity and 0.87 density.

壳体压降 Filter Housing Pressure Drop



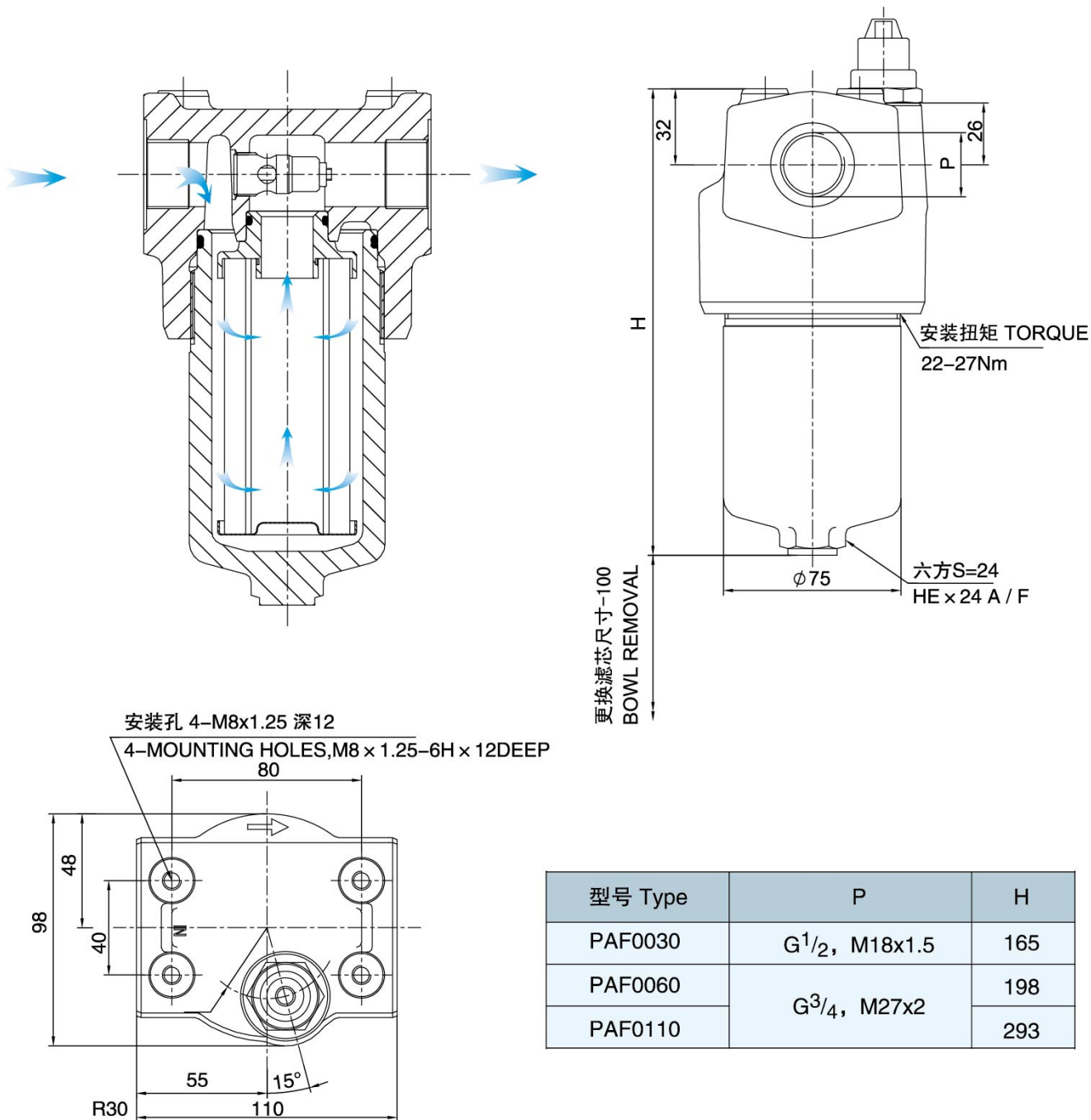
玻纤和滤纸滤芯初始压降

Clean Element Pressure Drop With Media F&P



外形安装尺寸 Dimensions

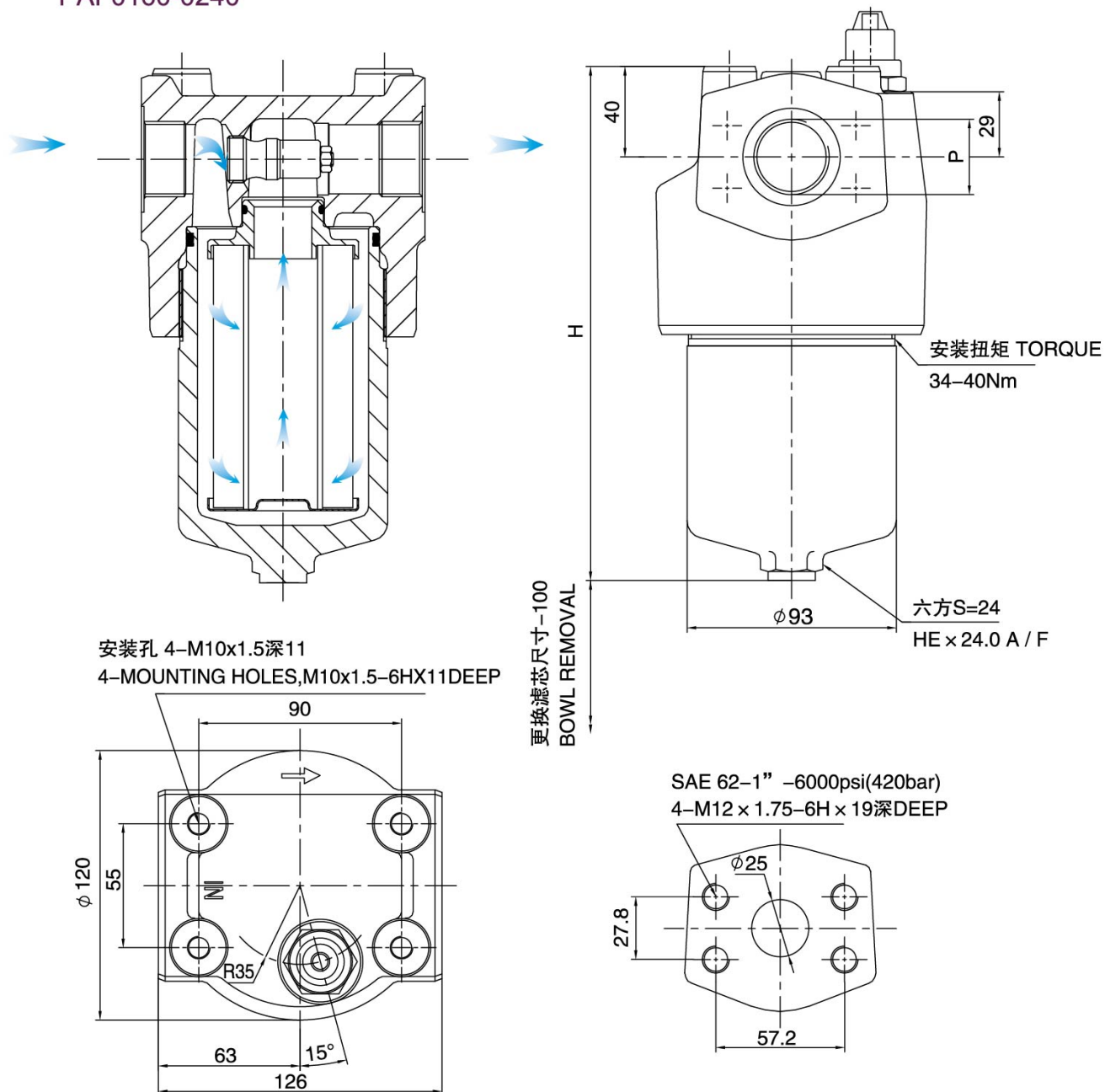
PAF0030-0110



型号 Type	P	H
PAF0030	G ¹ / ₂ , M18x1.5	165
PAF0060	G ³ / ₄ , M27x2	198
PAF0110		293

外形安装尺寸 Dimensions

PAF0160-0240



型号Type	P	H
PAF0160	G1, M33x2	236
PAF0240	SAE62 - 1"	345

外形安装尺寸 Dimensions

PAF0330-0660

