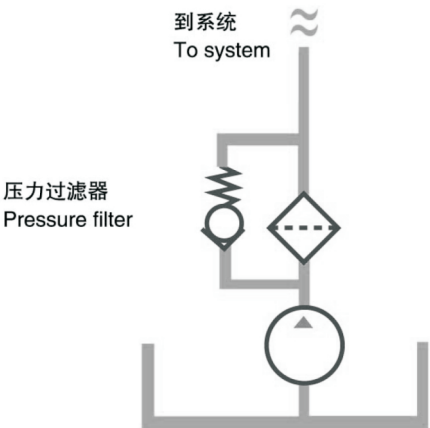




产品液压符号
Hydraulic symbol



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	Mounting method: Vertical
流动方向：在同一水平线，从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210bar	Operating pressure: Max 210 bar
工作温度：-40℃ ~ +120℃	Operating temperature : -40℃ to +120℃
接口形式：BSPP/M 螺纹	Connection ports: Thread BSPP/Metric
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.
滤芯爆破压力：20 bar	Element collapse rating:20 bar
旁通阀开启压差：6 bar	Bypass setting:Opening pressure 6 bar
其它设置可按用户需求	other settings on request.
发讯装置发讯压差：5bar，目视-目/电式	Indicator setting: 5 bar- visual – visual /electrical,
其它压差可按用户要求	other settings on request.
壳体材料：挤压铝	Filter housing: Head: impacted Aluminium
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.



订货代码 Ordering Code

过滤器 The Completed Filter

PBF0110F010NB12V

过滤器型号 Filter type

流量 Flow rate (L/min)

0060,0110, 0160, 0240,

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)	
	B12	B16	M27	M33
0060	●		●	
0110	●		●	
0160		●		●
0240		●		●
B12=G ³ / ₄ , B16=G1				
M27=M27x2, M33=M33x2				

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

PBE0110F010N

滤芯型号 Element type

流量 Flow rate (L/min)
0060,0110, 0160, 0240

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 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)
PBF 0060	G 3/4 , M27x2	PBE 0060	60	1.6
PBF 0110		PBE 0110	110	2.1
PBF 0160	G1, M33x2	PBE 0160	160	2.9
PBF 0240		PBE 0240	240	3.9

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 filer 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.

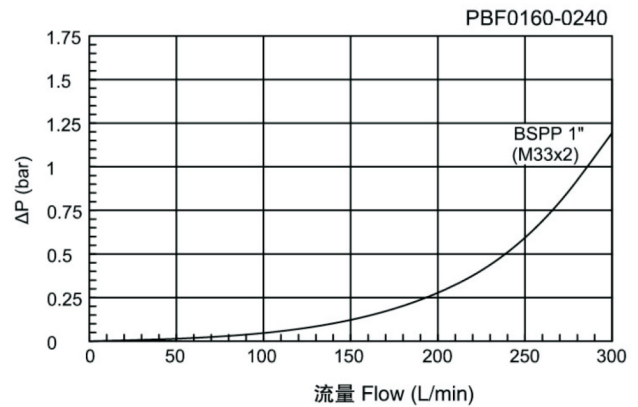
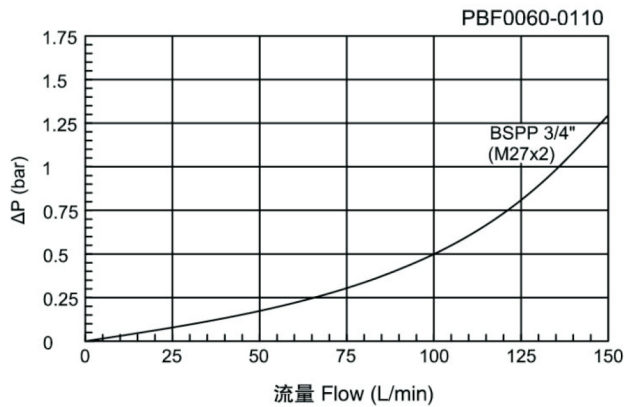
If the medium used has a viscosity different from 32cSt, pressure drop over the filter can be estimated as follows:

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

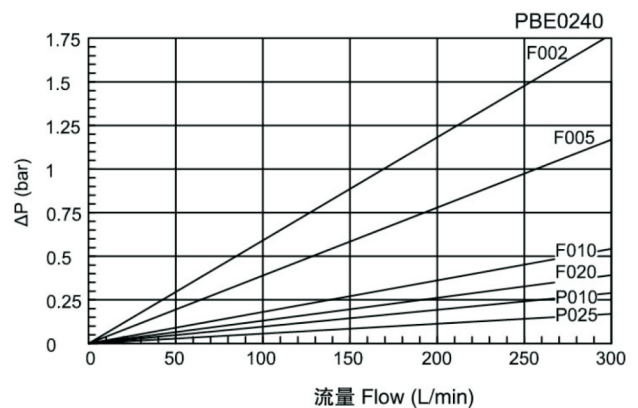
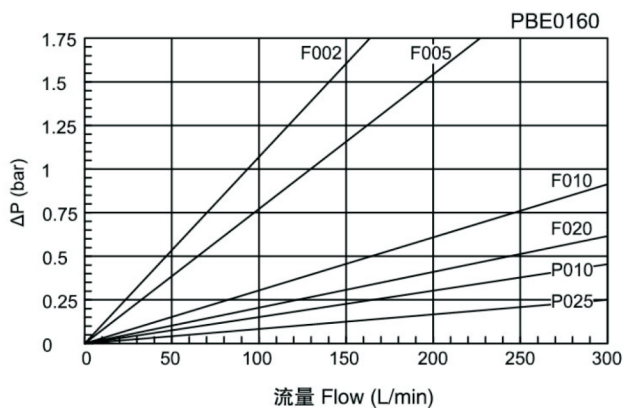
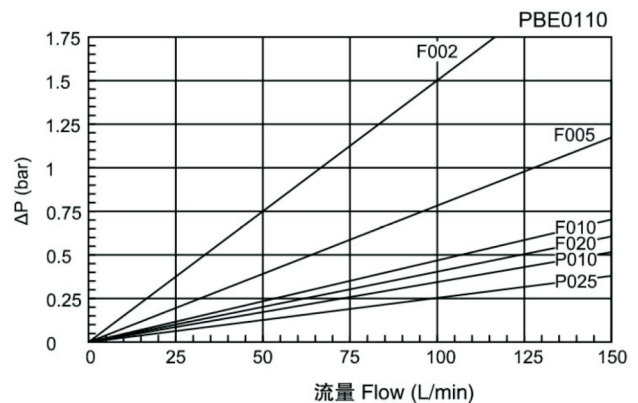
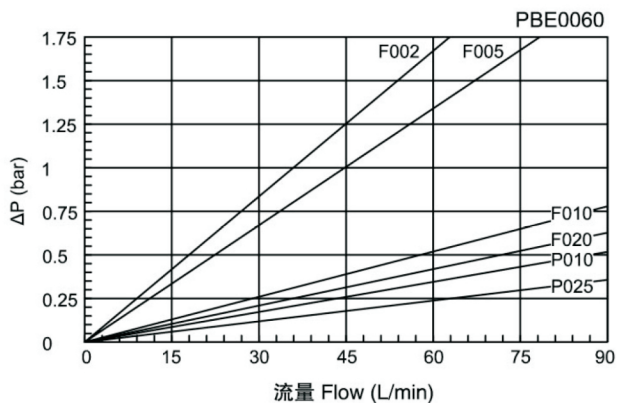
Filter pressure drop based on 32cSt fluid viscosity and 0.87 density.



壳体压降 Filter Housing Pressure Drop

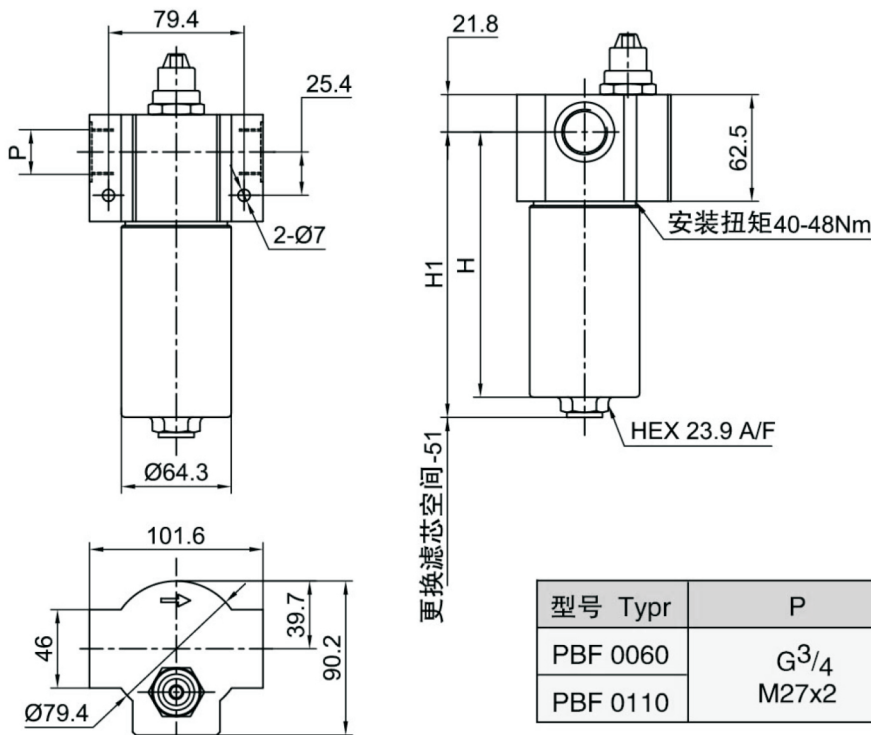


玻纤和滤纸滤芯初始压降 Clean Element Pressure Drop With Media F&P



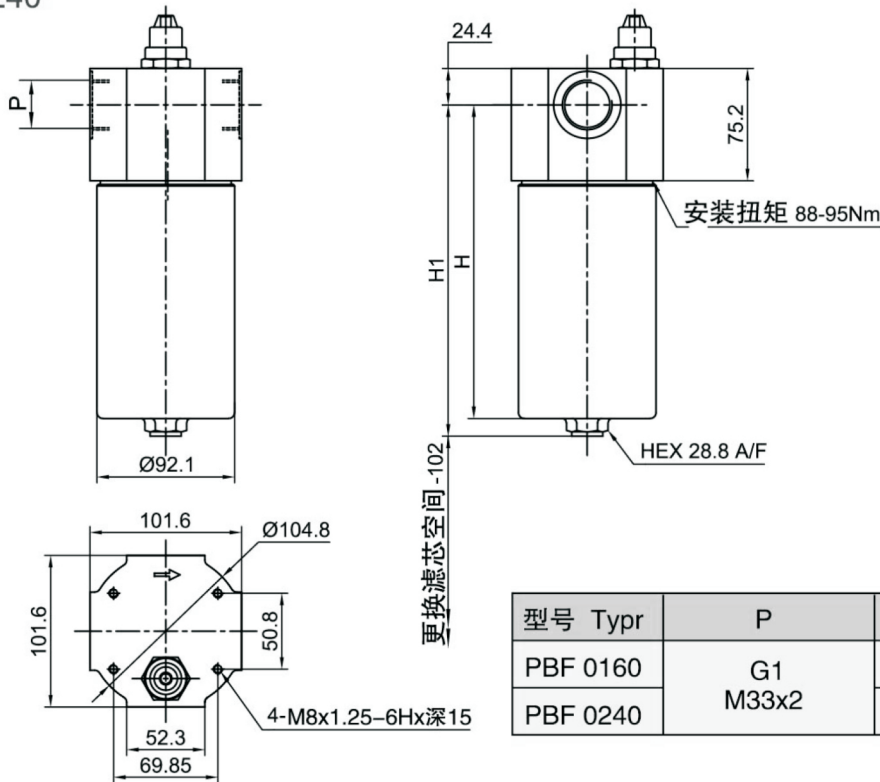
外廓、连接尺寸 Dimensions

PBF0060-0110



型号 Typ	P	H	H1
PBF 0060	G ³ / ₄	155	173
PBF 0110	M27x2	250	269

PBF0160-0240



型号 Typ	P	H	H1
PBF 0160	G1	210	230
PBF 0240	M33x2	320	339

