



性能参数 Specifications

结构形式: 油箱頂置	Type of construction : Tank top mounted
工作压力: 最大10bar	Operating Pressure: Max. 10 bar
连接形式: BSPP/M螺纹,SAE法兰	Connections: Threaded BSPP/Metric, Flanges SAE
密封材料: 丁晴橡胶, 氟橡胶,	Seal Material: Nitrile, Fluoroelastomer, Neoprene on request
工作温度: -40°C — +120°C	Operating Temperature Range: -40°C to +120°C
过滤材料: 玻纤, 滤纸和金属网	Filtration Media: glass fibre, cellulose and wire mesh.
滤芯爆破压力: 10bar	Element Collapse Rating: 10 bar (ISO 2941)
旁通阀开启压力: 2.5 bar	Bypass Setting: Opening pressure 2.5 bar
背压阀开启压力: 0.5 bar	Back-pressure valve 0.5 bar
发讯器选择:	Pressure Indicator Options:
压力开关(标准): (常开) 2 bar	pressure switch (standard) : (O.O.) 2 bar
真空开关(标准): (常开) 0.2 bar	Vacuum switch (standard): 0.2 bar
壳体材料: 铝、钢	Filter Housing: Aluminium Housing and Steel bowl
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 . For use with water, please contact our technical sales department.

订货代码 Ordering Code

过滤器 The completed filter

SRF 0400 F 010 N B1 R E

过滤器型号 Filter type

流量 Flow rate (L/min)

0400, 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(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)						F(法兰Flange)+B(BSPP管螺纹 thread)					
SRF0400	B1	B2	B3	B4	B5	B6	F1	F2	F3	F4	F5	F6
SRF0800												
B1=R2+S1												
B2=R2+S1+S2												
B3=R2+S1+S2+S3												
B4=R2+S1+S2+S3+S4												
B5=R2+S1+S2+S3+S4+S5												
B6=R2+S1+S2+S3+S4+S5+S6												
F1=R1+S1												
F2=R1+S1+S2												
F3=R1+S1+S2+S3												
F4=R1+S1+S2+S3+S4												
F5=R1+S1+S2+S3+S4+S5												
F6=R1+S1+S2+S3+S4+S5+S6												
其它接口形式按要求 (Other port types according to requirement)												

发讯器 Indicator

N: 无No, R: 压力 Pressure V: 真空 Vacuum

发讯器形式 Indicator type

N: 无No, V: 表 Gauge E: 开关: Switch

订货代码 Ordering Code

滤芯 The replacement element



过滤器主要性能参数 Filter Specification

过滤器 Filter	进口 Inport	出口 Output	滤芯 Element	重量 Weight(Kg)
SRF0400	R1:SAE 2-3000psi R2:G1-1/2	S1,S2,S3,S4, S5,S6: G1	SRE0400...	6.5
SRF0800	R3:G1 R4:G1/2		SRE0800...	7.5

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。推荐回油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：

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

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 return filter is less than 0.5 bar.

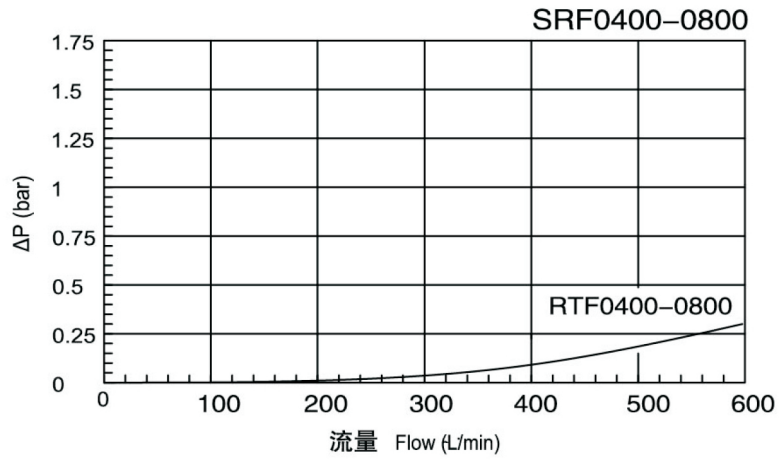
If the medium used has a viscosity different from 32cSt, pressure drop over the filter can be estimated as follows:

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

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

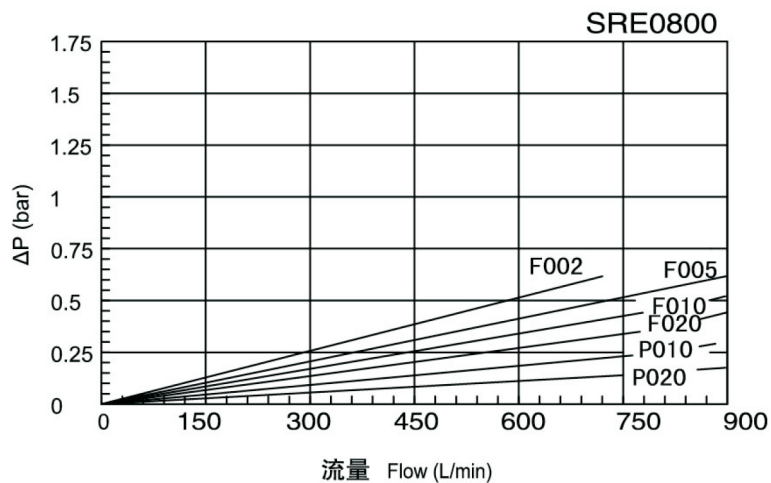
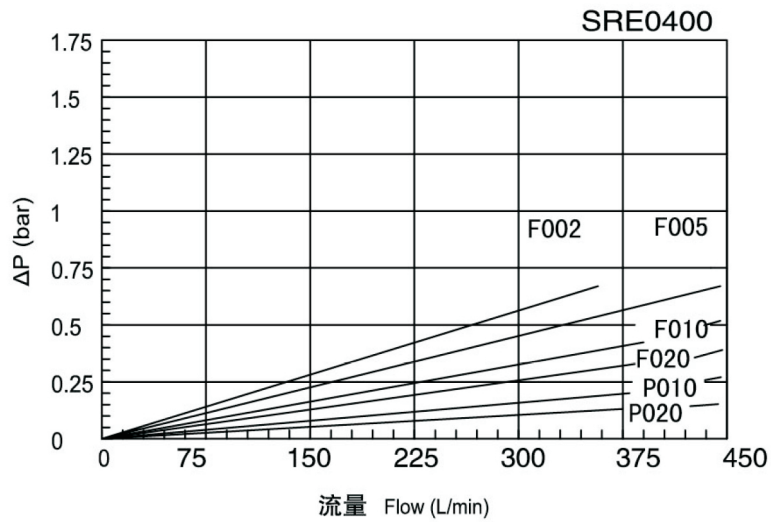


壳体压降 Filter housing pressure drop



玻纤和滤纸滤芯初始压降

Clean element pressure drop with media F & P



外形安裝尺寸 Dimensions

SRF0400-0800

