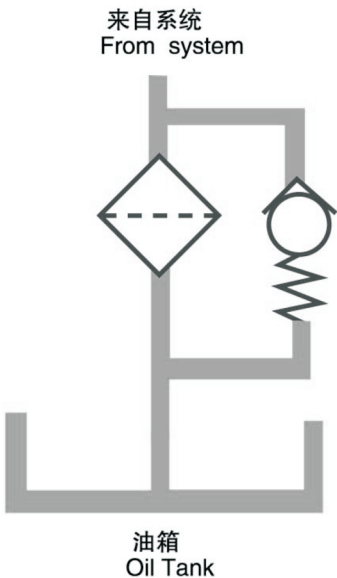




产品液压符号
Hydraulic symbol

回油过滤器
Return filter



性能参数 Specifications

结构形式：油箱侧置安装，自封型	Type of construction: Tank side mounted, self-seal
连接形式：BSPP/公制螺纹，SAE法兰	Ports: Threaded BSPP/Metric , SAE flanges
密封材料：丁晴橡胶，氟橡胶	Seal material: NBR,Viton, EPDM on request
工作温度：-30℃~ +120℃	Operating temperature range: -30℃ to +120℃
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：1Bar	Element collapse rating: 1 bar (ISO 2941)
旁通阀开启压力：4bar	Bypass setting: Opening pressure 4 bar,
其它压力按用户需求	Other settings on request.
发讯器报警压力：	Indicator options:
压力表，压力开关3.5bar(常开)	Vacuum gauge – Vacuum switch 3.5 bar (NO)
过滤器壳体材料：铝	Filter housing: Aluminium head and cover
工作介质相容性：适用于矿物油，人工合成油	Fluid compatibility: Suitable for mineral oils,
其它介质咨询公司技术部门。	synthetic . For use with water, please contact our company.



订货代码 Ordering Code

过滤器 The Completed Filter

	RSF	0630	F	010	N	F90	V
过滤器型号 Filter type							
流量 Flow rate (L/min)							
	0025, 0040, 0063, 0100, 0160, 0250, 0330, 0400, 0500, 0630, 0800, 1000						
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)					M(公制螺纹Metric thread)					F(法兰Flange)		
	8	12	16	20	24	18	27	33	42	48	40	63	90
RSF0025	●					●							
RSF0040		●					●						
RSF0063			●					●					
RSF0100				●					●				
RSF0160					●					●	●		
RSF0250					●					●	●		
RSF0330												●	
RSF0400												●	
RSF0500													●
RSF0630													●
RSF0800													●
RSF1000													●
B08=G ¹ / ₂ , B12=G ³ / ₄ , B16=G1, B20=G1- ¹ / ₄ , B24=G1- ¹ / ₂													
M18=M18x1.5, M27=M27x2, M33=M33x2, M42=M42x2, M48=M48x2													
F40=SAE 1- ¹ / ₂ " , F63=SAE 2- ¹ / ₂ " , F90=SAE 3- ¹ / ₂ "													

压差发讯器 Indicators

N: 无 No, V: 压力表 Pressure gauge E: 压力开关 Pressure switch 3.5Bar

滤芯 The replacement element

RSE0630F010N

滤芯型号 Element type

流量 Flow Rate (L/min)

0025, 0040, 0063, 0100, 0160, 0250, 0330,0400, 0500, 0630, 0800, 1000

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

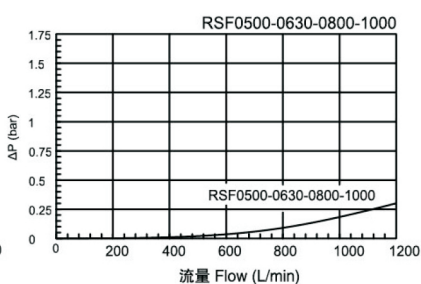
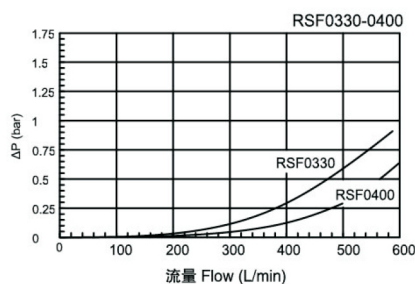
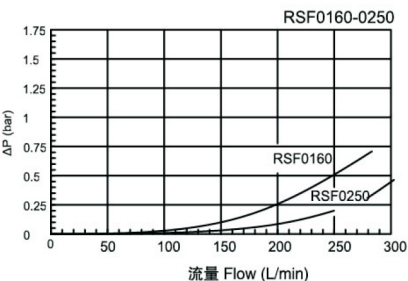
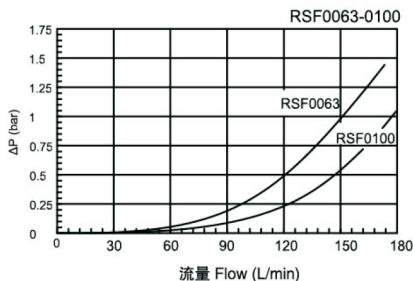
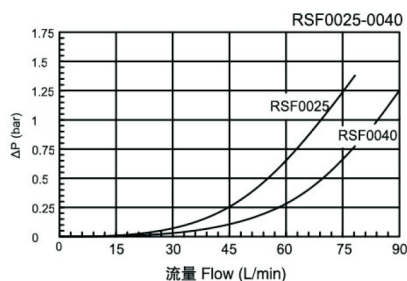
过滤器 Filter	接口 Ports	滤芯 Element	重量 Weight(Kg)
RSF0025	G ¹ / ₂ , M18x1.5	RSE0025...	0.85
RSF0040	G ³ / ₄ , M27x2	RSE0040...	0.9
RSF0063	G1, M33x2	RSE0063...	1.5
RSF0100	G1- ¹ / ₄ , M42x2	RSE0100...	1.7
RSF0160	G1- ¹ / ₂ , M48x2	RSE0160...	2.7
RSF0250	SAE 1- ¹ / ₂ "	RSE0250...	4.35
RSF0330	SAE 2- ¹ / ₂ "	RSE0330...	5.77
RSF0400		RSE0400...	6.15
RSF0500	SAE 3- ¹ / ₂ "	RSE0500...	7.5
RSF0630		RSE0630...	8.2
RSF0800		RSE0800...	8.9
RSF1000		RSE1000...	9.96

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 filer 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.

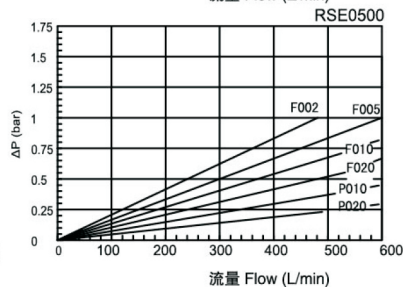
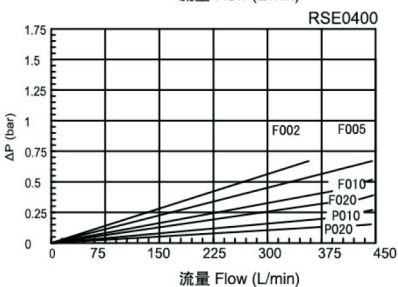
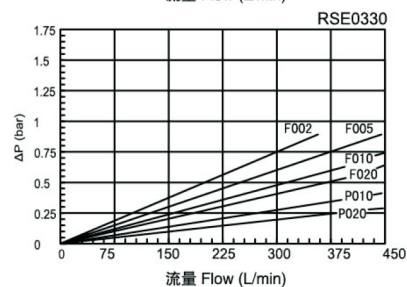
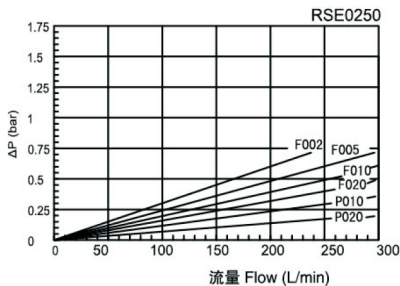
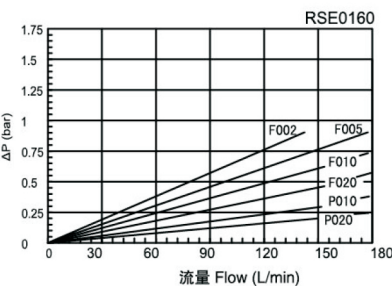
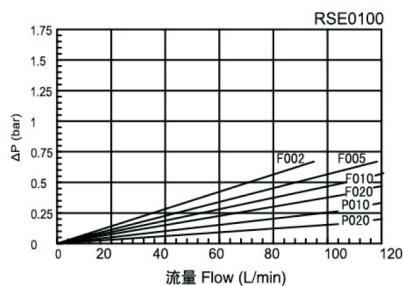
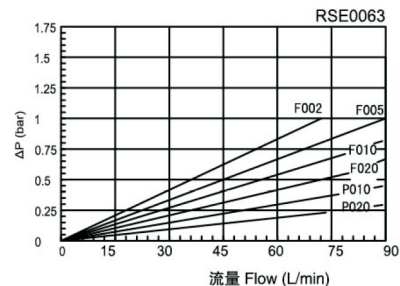
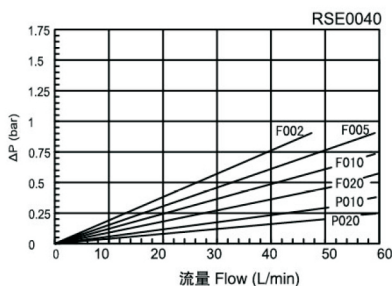
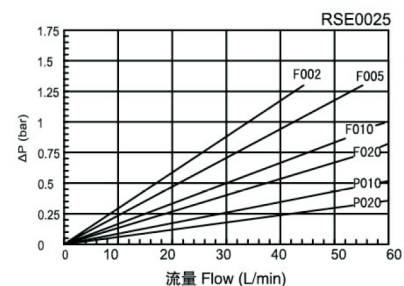


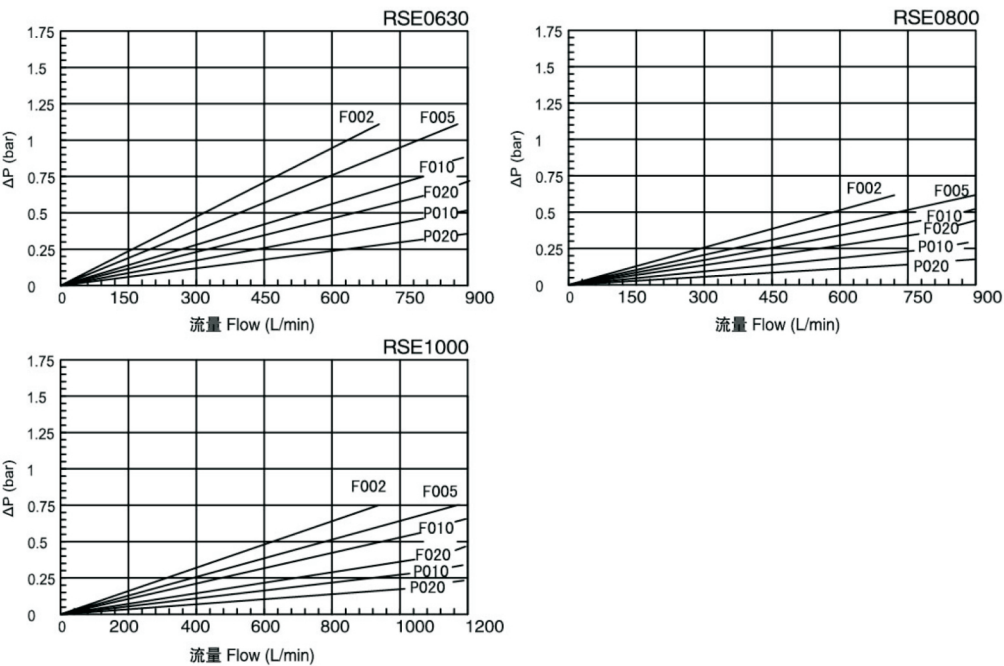
壳体压降 Filter Housing Pressure Drop



玻纤和滤纸滤芯初始压降

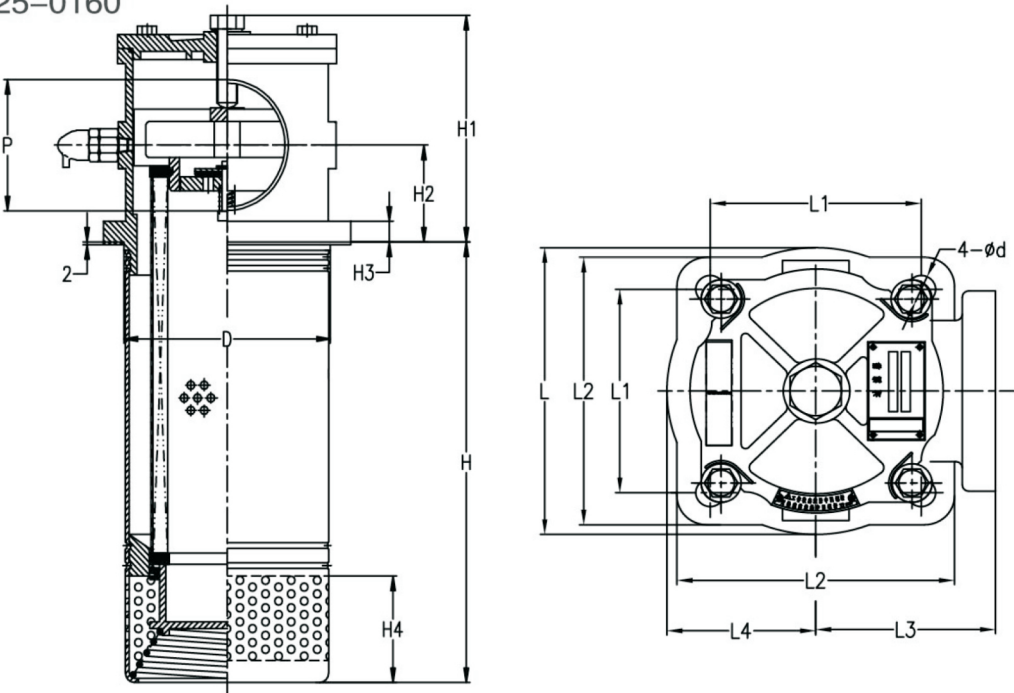
Clean Element Pressure Drop With Media F&P





外形安装尺寸 Dimensions

RSF0025-0160

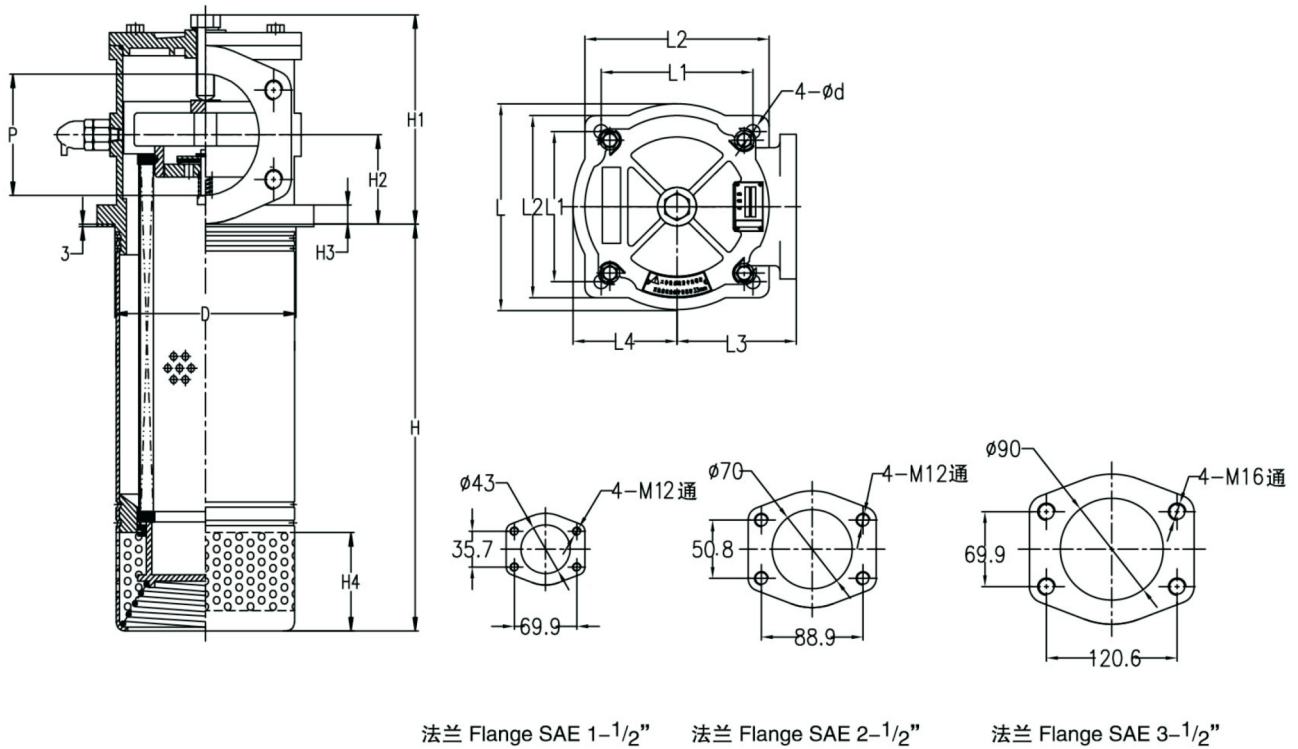


型号 Type	P	D	H	H1	H2	H3	H4	L	L1	L2	L3	L4	d
RSF0025	G ¹ / ₂ ,M18x1.5	ø75	127	70	25	8	37	90	70	90	53	45	ø9
RSF0040	G ³ / ₄ ,M27x2		158										
RSF0063	G1,M33x2	ø95	185	90	33	10	50	120	85	110	60	60	ø9
RSF0100	G1- ¹ / ₄ ,M42x2		245										



外形安装尺寸 Dimensions

RSF0250-1200



型号 Type	P	D	H	H1	H2	H3	H4	L	L1	L2	L3	L4	d
RSF0160	G1-1/2 ,M48x2	ø110	320	100	40	13	60	134	95	125	85	77	ø13
RSF0250	SAE 1-1/2 "		420										
RSF0330	SAE 2-1/2 "	ø130	345	127	55	70	159	110	140	90	79		
RSF0400			463										
RSF0500	SAE 3-1/2 "	ø160	456	164	70	15	77	192	140	170	110	96	
RSF0630			484										
RSF0800			594										
RSF1000			774										