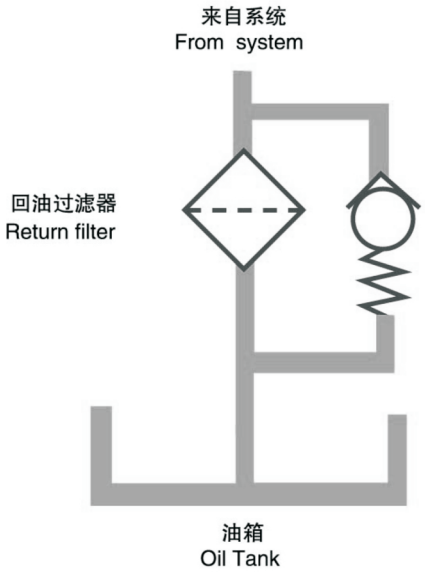
产品液压符号
Hydraulic symbol



性能参数 Specifications

结构形式：油箱顶置	Type of construction: Tank top mounted
工作压力：最大3bar	Operating pressure: Max. 3 bar
连接形式： BSPP/公制螺纹,	Connections: Threaded BSPP/Metric
密封材料：丁晴橡胶，氟橡胶，	Seal material: NBR,Viton, EPDM on request
工作温度： –40℃ ~ +120℃	Operating temperature range: –40℃to +120℃
过滤材料：	Filtration media:
玻纤，滤纸，编织网	Glass fibre, cellulose,wire mesh
滤芯爆破压力：10bar	Element collapse rating: 10 bar (ISO 2941)
旁通阀开启压力：1.75 bar	Bypass setting: Opening pressure 1.75 bar
发讯器报警压力：1.5 bar	Pressure indicator options: 1.5 bar – visual
壳体材料：铝	Filter housing: Aluminium head and cover
工作介质相容性：	Fluid compatibility: Suitable for mineral oils,
适用于矿物油，人工合成油,	synthetic oils. For use with water,
其它介质咨询公司技术部门。	please contact our company.

订货代码 Ordering Code

过滤器 The Completed Filter

RAF 0160 F 010 N B16 V A

过滤器型号 Filter type

流量 Flow rate (L/min)
0040,0063, 0120,0160,0300,0400,0500

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

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)
	08	12	16	80
RAF0040	●			
RAF0063		●		
RAF0120		●		
RAF0160			●	
RAF0300				●
RAF0400				●
RAF0500				●
B08=$G^{1}/_{2}$, B12=$G^{3}/_{4}$, B16=G1				
F80=SAE 3"				

压差发讯器 Indicators
N: 无No, V: 压力表Gauge , E: 压力开关Switch 1.5Bar

空气呼吸过滤器 Air breather
N: 无No，A:有空气呼吸滤 With air breather
* RAF 0400 无空气呼吸器 RAF 0400 Without air breather

H

滤芯 The Replacement Element

RAE 160 F 010 N

滤芯型号 Element type

流量 Flow rate (L/min)
0040, 0063, 0120, 0160, 0300,0400,0500

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

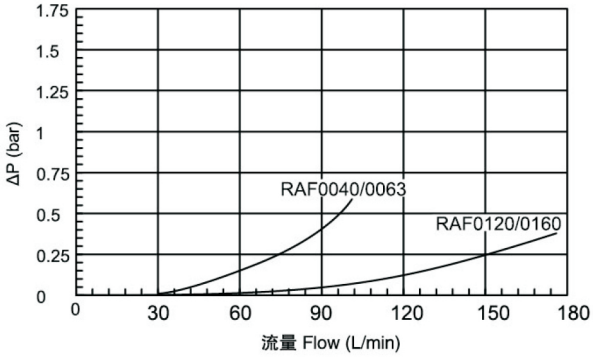
过滤器主要性能参数 Filter Specification

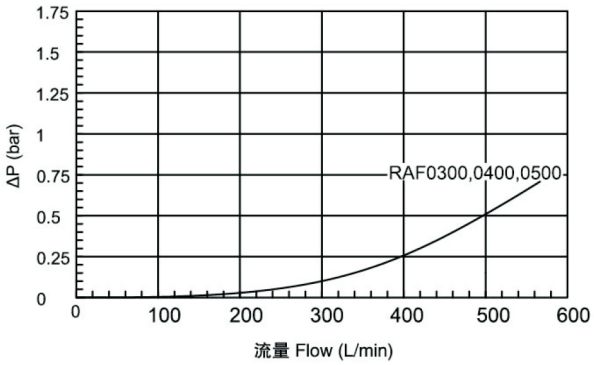
过滤器Filter	接口Port	滤芯Element	重量Weight(Kg)
RAF0040	G 1/2,	RAE0040···	0.6
RAF0063	G 3/4,	RAE0063···	0.8
RAF0120		RAE0120···	1.0
RAF0160	G 1	RAE0160···	1.2
RAF0300	SAE 3”–3000psi	RAE0300···	9.0
RAF0400		RAE0400···	10.5
RAF0500		RAE0500···	12.5

压降曲线 Pressure Drop Curves

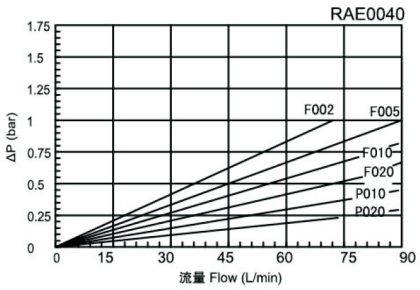
过滤器的压降是壳体的压降加上清洁滤芯的压降。推荐回油过滤器初始压降不大于0.5bar。
如果所使用的工作介质粘度不是32cSt，实际压降计算如下：
Δp = (Δp32 x 工作介质粘度) / 32cSt.
过滤器压降数据是基于工作介质的动力粘度32cSt、密度0.87得到。
The “Assembly Pressure Drop(ΔP) is obtained by adding the pressure drop values of the filer housing and of the clean filter element and the recommended level of the 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:
Δp = (Δp32 x viscosity of medium used) / 32cSt.
Filter pressure drop based on 32cSt fluid viscosity and 0.87 density.

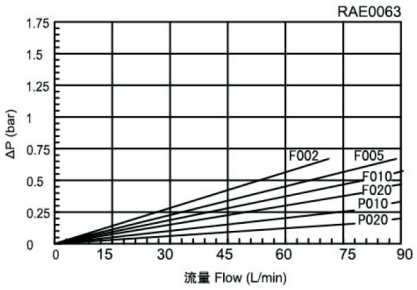
壳体压降 Filter Housing Pressure Drop

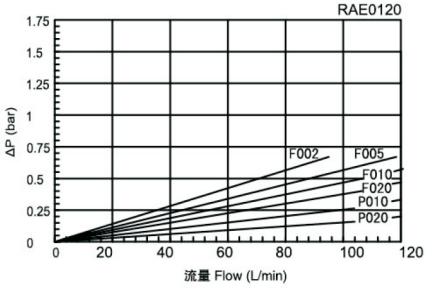


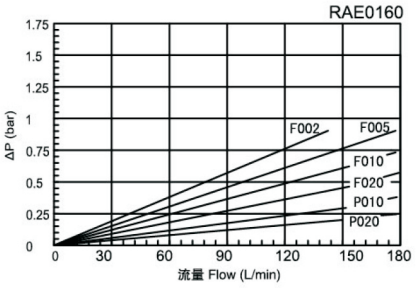


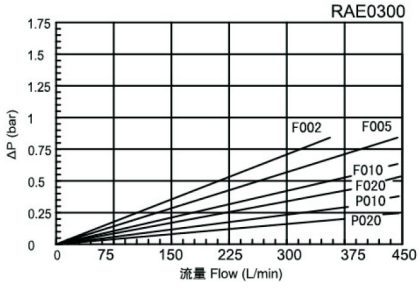
玻纤和滤纸滤芯初始压降
Clean Element Pressure Drop With Media F&P

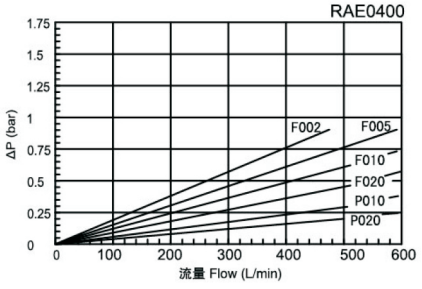


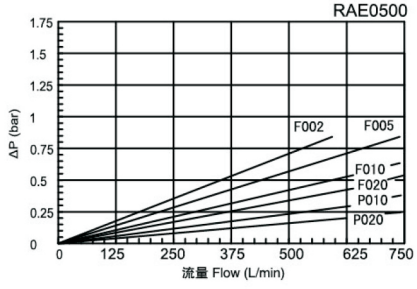












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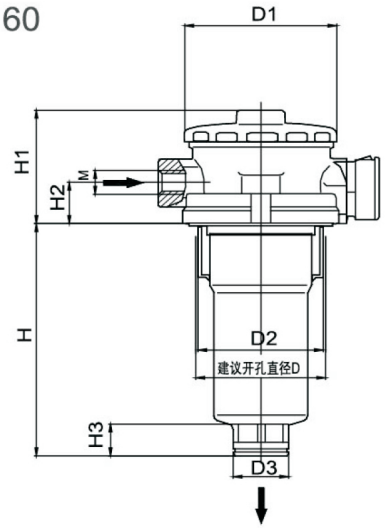
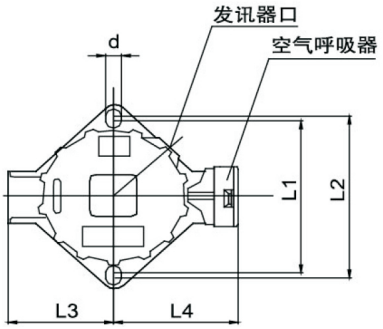
外形安装尺寸 Dimensions

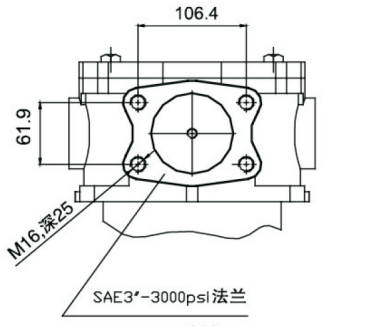
RAF0040-0160

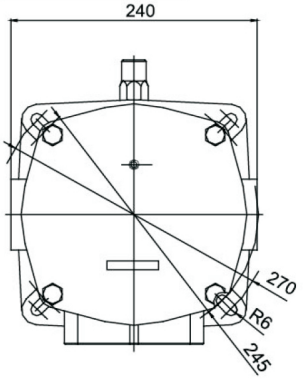


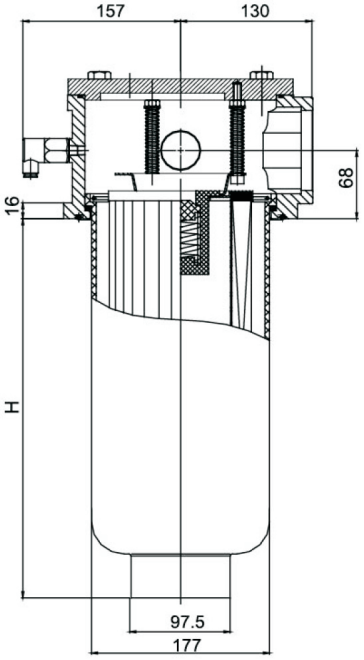


型号 Type	M	D	H	D1	D2	D3	H1	H2	H3	L1	L2	L3	L4	d
RAF0040	$G^1/_2$,	63	83	75	63	28	67	26	21	86	88	51	60	11
RAF0063	$G^3/_4$,		180											
RAF0120		87	178	105	85	38	89	30	23	110	115	70	82	
RAF0160	G1		278											

RAF0300-0400-0500







型号 Type	H
RAF0300	300
RAF0400	380
RAF0500	480