RAF系列



惠隆液压

油箱顶置回油过滤器

流量	最大160L/min
发讯器压力	0.15MPa

性能概述 DESCRIPTION

RAF系列回油过滤器安装在油箱顶部，在油液返回油箱之前滤除油液中的固体颗粒杂质。滤芯通过最佳的流量设计可以使阻力达到最小的过滤效果。

工作压力：最高压力1.6MPa　　工作温度：-25℃~120℃

发讯器发讯压力：0.15MPa　　旁通阀开启压差：0.175MPa

壳体材料：铸铝

工作介质：矿物油、乳化液、水-乙二醇、磷酸酯液压液

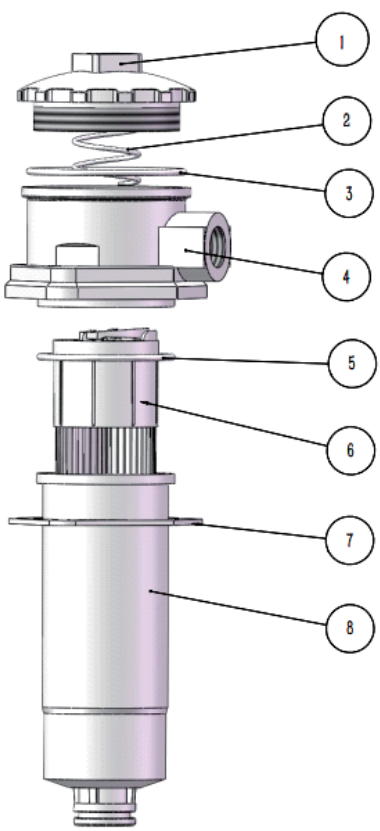
RAF Series return filter is designed for mounting on the top of the tank,It is used to separate solid particles from the hydraulic fluids returning to the tank and the element has excellent pressure drop through optimal flow design.

Operating pressure: Max. 16bar　　Operating temperature: -25℃~120℃

Setting pressure of clogging indicator: 1.5bar　　Bypass valve cracking pressure: 1.75bar

Filter housing material: Cast aluminum

Working substance: mineral oil, emulsion, water-glycol, phosphate ester hydraulic oil (resin-impregnated paper only for mineral oil).



序号 Number	名　称 Name	说　明 Note
1	滤盖 Cap	
2	弹簧 Spring	
3	O型密封圈 O-ring	易损件 Wearing Parts
4	壳体 Housing	
5	O型密封圈 O-ring	易损件 Wearing Parts
6	滤芯 Element	易损件 Wearing Parts
7	密封垫 Seal	易损件 Wearing Parts
8	壳体 Housing	

▶ 系列型谱 ORDERING INFORMATION

过滤器型号Filter Assembly | RAF | 160 | FD | R1 | 1 | B5

代号 Code	流量（L/min) Flow rate
063	63
120	120
160	160

代号 Code	发讯器类型 Indicator option
0	无发讯器 Without indicator
R1	压力表 Pressure gauge
R4	压力开关 Pressure switch

流量 Flow rate	代号 Code	接口尺寸 Port size
063	B4	G3/4
	M4	M27×2
120	B5	G1
	M5	M33×2
160	B6	G1/4
	M6	M42×2

代号Code	过滤材料及精度 Filtration material and filtration rating in μm
FT	无机纤维Inorganic fibers β3(c)≥200
FC	无机纤维Inorganic fibers β5(c)≥200
FD	无机纤维Inorganic fibers β10(c)≥200
FV	无机纤维Inorganic fibers β20(c)≥200
CD	滤纸 Paper 10μm
CV	滤纸 Paper 25μm
MD	不锈钢编织网 Stainless steel wire mesh 10μm
MV	不锈钢编织网 Stainless steel wire mesh 20μm
ME	不锈钢编织网 Stainless steel wire mesh 40μm

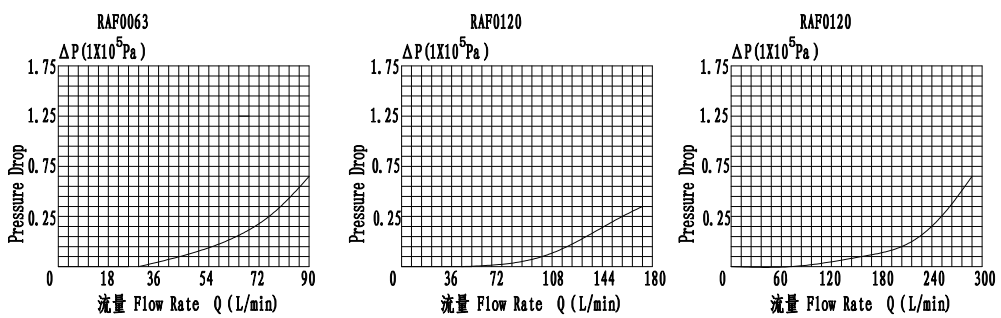
代号 Code	工作介质 Working substance
1	矿物油、乳化液 oil, emulsion
2	磷酸酯液压液 Phosphate ester
3	水-乙二醇 Water-glycol

滤芯型号 Replacement Element | AFX | 160 | FD | 1

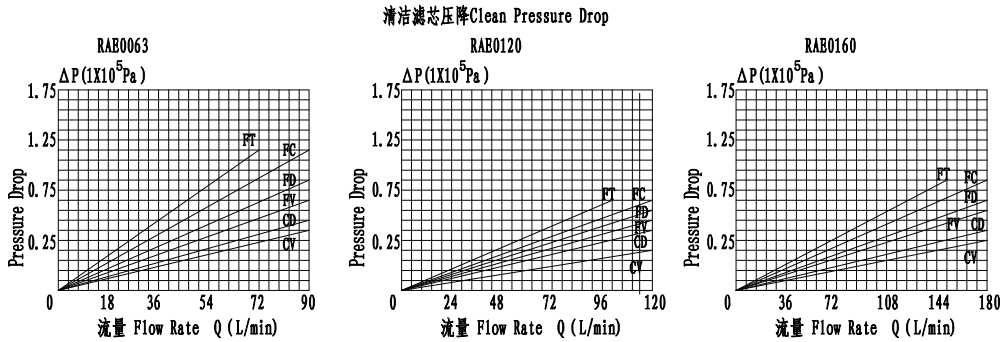
▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

▶ (介质参数KINEMATIC VISCOSITY :30mm²/s DENDITY 0.86kg/dm³)

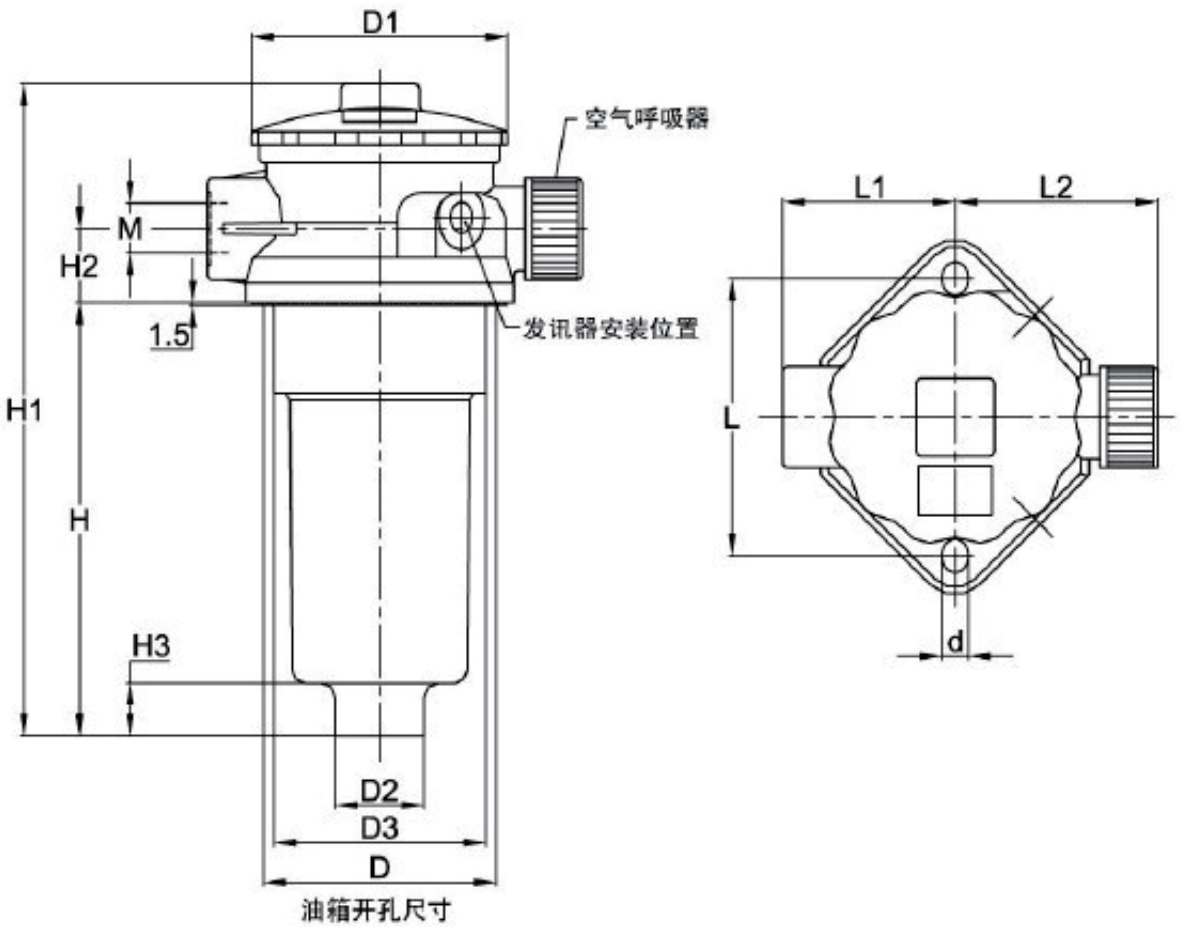
过滤器壳体压降 Filter Housing Pressure Drop



清洁滤芯压降Clean Pressure Drop



▶ 图示尺寸 DIMENSIONS



型号 Type	M	D	D1	D2	D3	H	H1	H2	H3	d	L	L1	L2
RAF0063	G3/4, M27x2	ø60	ø 75	ø28	ø59	178	243	24	16	ø11	86	50	70
RAF0120	G1 , M33x2	ø86	ø104	ø36	ø85	175	265	30	22	ø11	113	70	83
RAF0160	G1-1/4, M42x2	ø86	ø106	ø40	ø85	255	365	34	25	ø 9	116	68	77