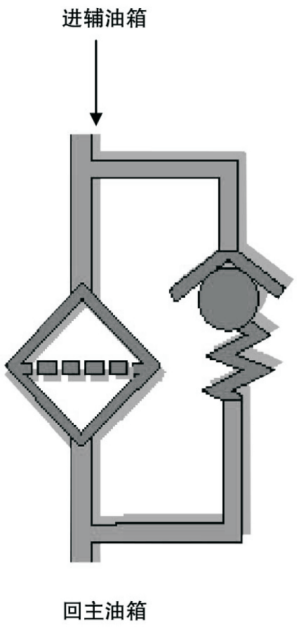
产品液压符号
Hydraulic symbol



技术参数 Specifications

结构形式：油箱内置安装	Type of construction ： Inside tank mounted
工作压力：最大10 bar	Operating pressure: Max. 10 bar
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：	Filtration media:
玻纤、滤纸和金属网	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：1.5bar	Bypass setting: Opening pressure 1.5 bar
附件可选项： 扩散器，磁棒	Options: Diffuser, Magnetic Pack.
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

RIF 0500 F 010 N D M

过滤器型号 Filter type

流量 Flow rate (L/min)
0060, 0090, 0125, 0170, 0230, 0300, 0400
0500, 0630, 0800, 1000, 1500, 2000

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

扩散器 Diffuser
D: 有 With, 0: 无 Without
注：0060–0300无扩散器 Remark:no diffuser for 0060–0300

磁棒 Magnetic pack
M: 有 With, 0: 无 Without

滤芯 The replacement element

RIE 0500 F 010 N

滤芯型号 Element type

流量 Flow rate (L/min)
0060, 0090, 0125, 0170, 0230, 0300, 0400, 0500, 0630, 0800, 1000, 1500, 2000

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

过滤器主要性能参数 Filter Specification

过滤器 Filter	流量 Flow(L/min)	滤芯 Element	旁通阀 Bypass	重量 Weight(Kg)
RIF 0060	60	RIE0060···	1.5 Bar	0.6
RIF 0090	90	RIE0090···		0.8
RIF 0125	125	RIE0125···		0.9
RIF 0170	170	RIE0170···		2.1
RIF 0230	230	RIE0230···		2.2
RIF 0300	300	RIE0300···		3.0
RIF 0400	400	RIE0400···		3.0/4.6
RIF 0500	500	RIE0500···		3.6/5.9
RIF 0600	600	RIE0600···		13.2/15.9
RIF 0800	600	RIE0800···		13.6/16.8
RIF 1000	1000	RIE1000···		16.8/20.5
RIF 1500	1500	RIE1500···		21.4/25.5
RIF 2000	2000	RIE2000···		23.2/28.6

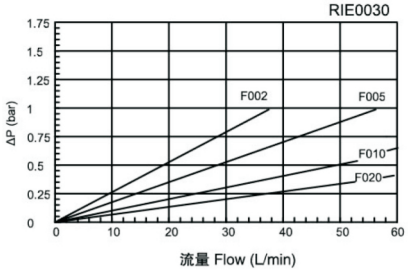
压降曲线 Pressure Drop Curves

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 recommended level of the initial pressure drop for low pressure filters is max 0.5 bar.
If the medium used has a viscosity different from 32cSt, pressure drop over the filter can be estimated as follows:
Δp = (Δp 32 x viscosity of medium used) / 32cSt.
Filter pressure drop based on 32cSt fluid viscosity and 0.87 density.

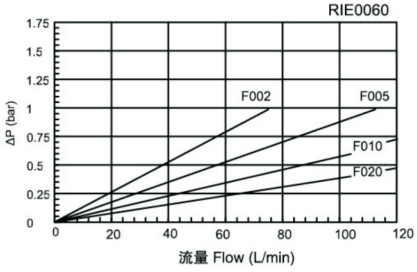
玻纤和滤纸滤芯初始压降

Clean Element Pressure Drop With Media F&P

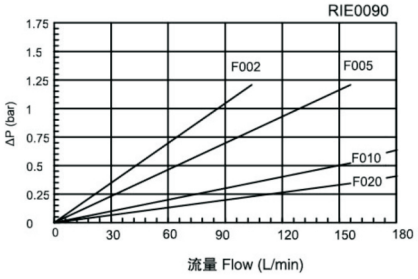
RIE0030



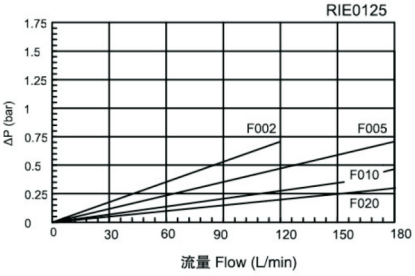
RIE0060



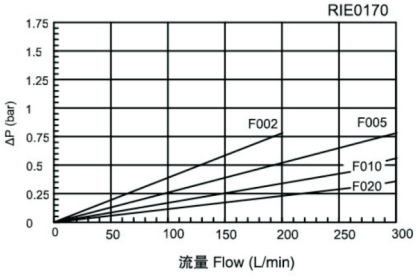
RIE0090



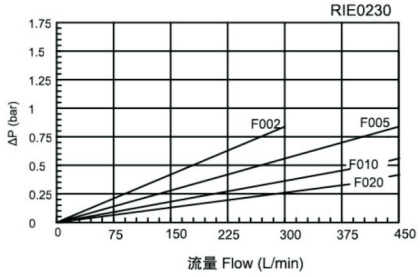
RIE0125



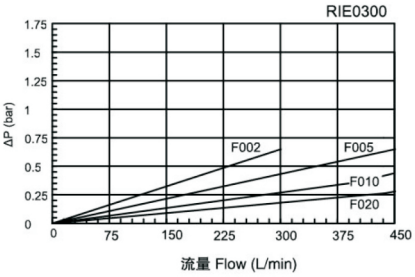
RIE0170



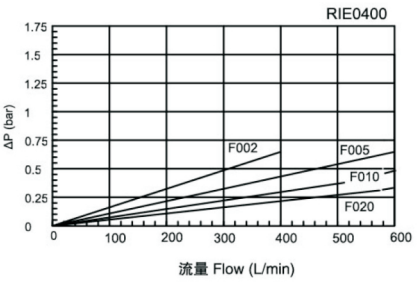
RIE0230



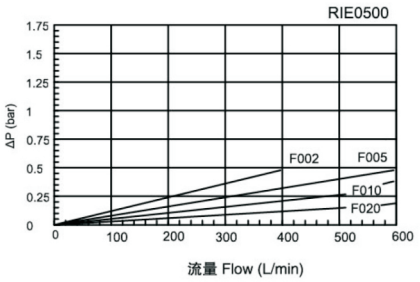
RIE0300



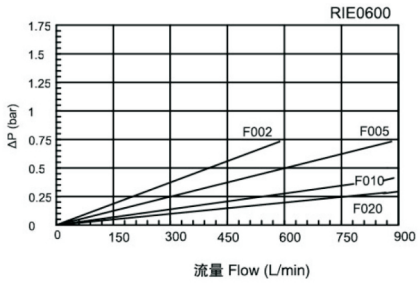
RIE0400



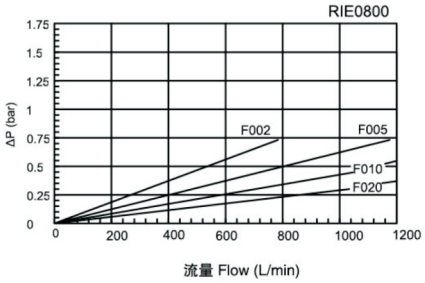
RIE0500



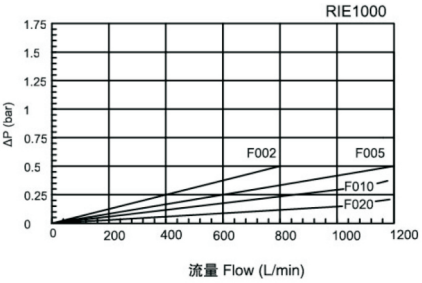
RIE0600



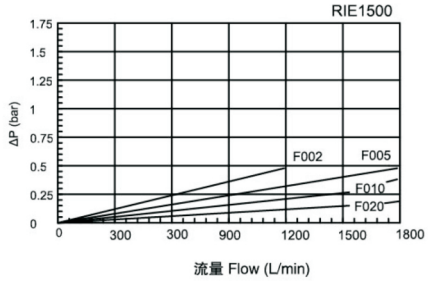
RIE0800



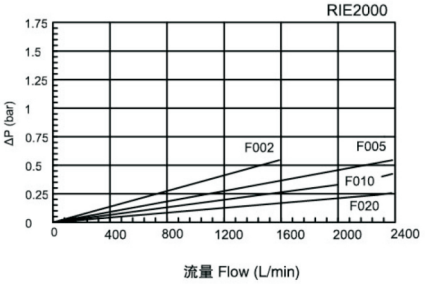
RIE1000



RIE1500

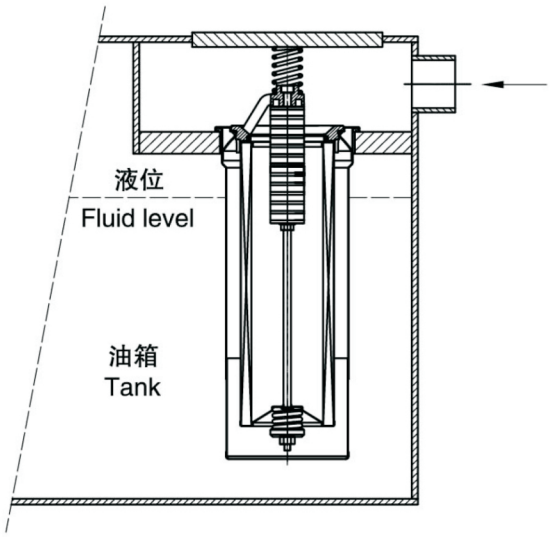


RIE2000

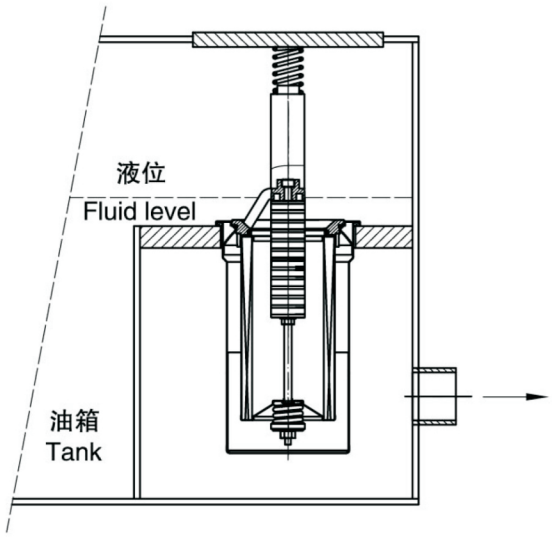


H

过滤器安装示意图 Mounting Methods



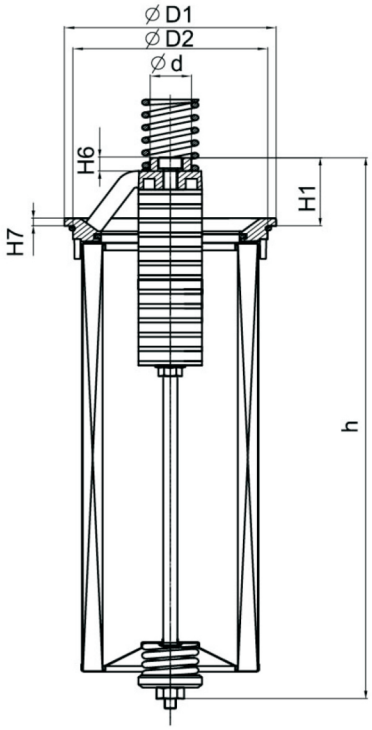
方式 一 method 1

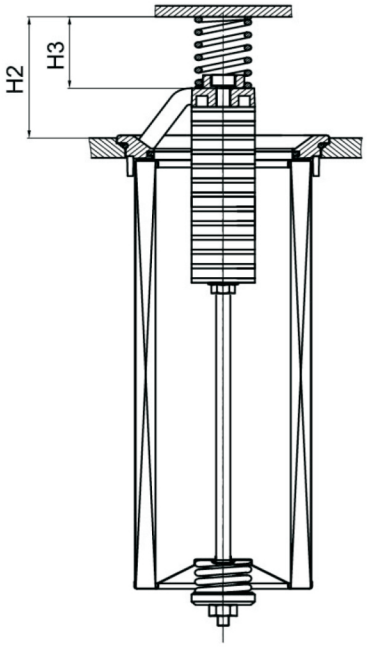


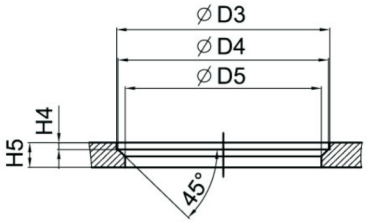
方式二 method 2

无扩散器外形安装尺寸 Dimensions without diffuser

RIF30–2000







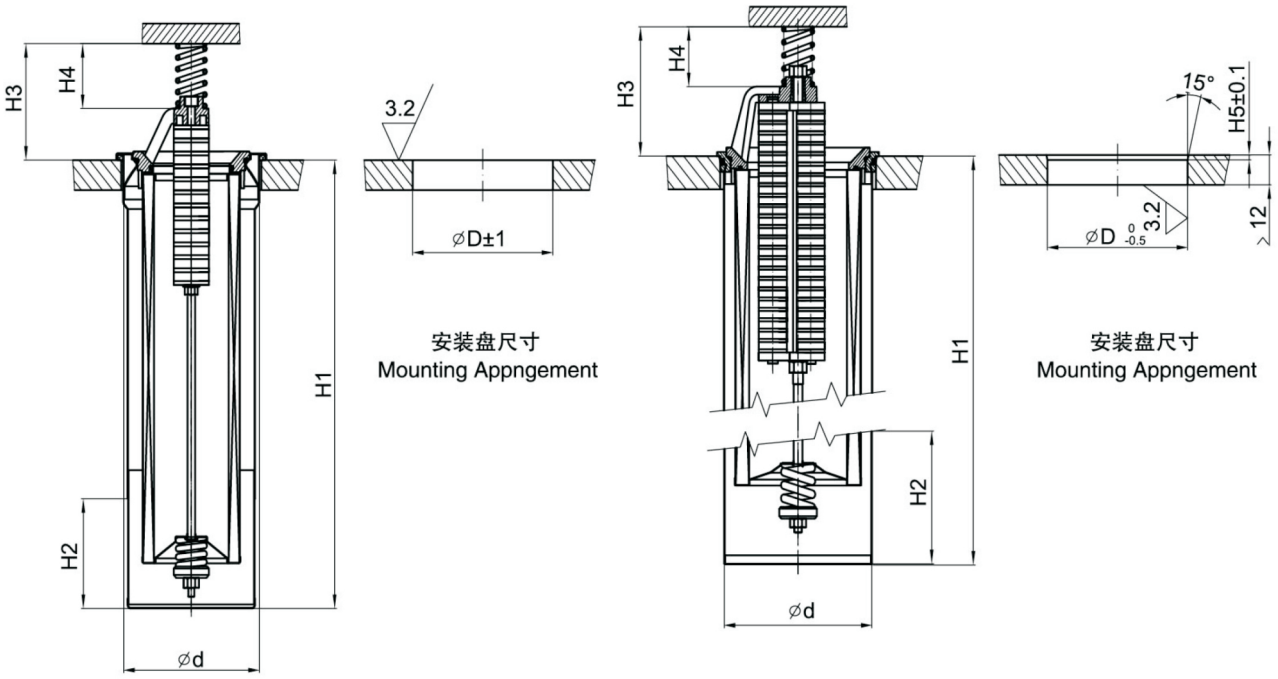
安装盘尺寸
Mounting Appamgemet

型号 Type	d	D1	D2	D3	D4	D5	h	H1	H2	H3	H4	H5	H6	H7
RIF0030	20	87	79	88	85	80	122	35	45	20	4	12	4	6
RIF0060							173							
RIF0090							218							
RIF0120							267							
RIF0170	25	125	116	126	122	117	287	48	77	42	5	15	5	8
RIF0230							358							
RIF0300							563							
RIF0400	30	150	138	151	149	139	407	62	100	55	5	18	7	12
RIF0500							599							
RIF0600	40	230	215	231	227	217	505	100	142	60	6	20	12	12
RIF0800							615							
RIF1000							720							
RIF1500							1000							
RIF2000							1265							

H

带扩散器外形安装尺寸 Dimensions with diffuser

RIF0300–2000



RIF 0300–0500

RIF 0600–2000

型号 Type	d	D	H1	H2	H3	H4	H5
RIF0300	175	178	324	110	106	55	
RIF0400			364				
RIF0500			554				
RIF0600	239	250.5	445	183	145	60	2.5
RIF0800			555				
RIF1000			660				
RIF1500			940				
RIF2000			1220				