TH830/TH837/837D系列

惠隆液压



低压过滤器

流量	最大1200L/min
工作压力	最高28bar

性能概述 DESCRIPTION

安装于液压系统的低压管路或回油管路中

工作压力：最高压力28bar　　工作温度：-29℃~120℃

发讯器发讯压差：0.3MPa　　旁通阀开启压差：0.5MPa

壳体材料：铝合金

工作介质：矿物油、乳化液、水-乙二醇、磷酸酯液压液

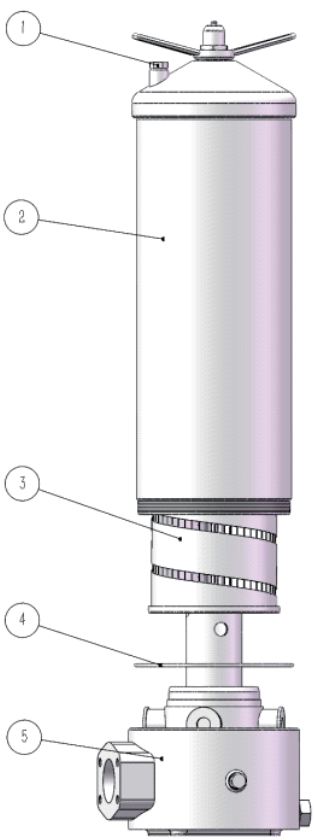
It is installed in low-pressure or return pipelinese of hydraulic system.

Operating pressure: Max. 28bar　　Operating temperature: -29℃~120℃

Setting pressure of clogging indicator:0.3Mpa　　Bypass valve cracking pressure: 0.5Mpa

Filter housing material:Aluminium alloy

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	螺塞 Screw	
2	壳体 Housing	
3	滤芯 Element	易损件 Wearing Parts
4	O型密封圈 O-ring	易损件 Wearing Parts
5	滤头组件 Cap components	

▶ 系列型谱 ORDERING INFORMATION

过滤器型号 Filter Assembly | TH830 | FD | 1 | H6 | 1 | U | F1

代号 Code	过滤器结构形式 Form of filter
TH8300	单筒过滤器 Single cylinder filter
TH8370	双筒过滤器 Double cylinder filter
TH8371	四筒过滤器 Four cylinder filter
TII8372	八筒过滤器 Eight cylinder filter

代号 Code	滤芯代号 Replacement Element	单筒滤芯数 Element quantity of single cylinder
U	16	1
X	39	2

代号 Code	旁通阀 Bypass valve
0	无旁通阀 Without bypass valve
1	装旁通阀 With bypass valve

代号 Code	接口尺寸 Port size
F5	2"SAE code 61
F7	3"SAE code 61

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

代号 code	滤芯形式 Form of filter
O	有骨架滤芯 Cartridge with core
W	有骨架滤芯 Cartridge without core

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 10 μm
CV	滤纸 Paper 25 μm
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

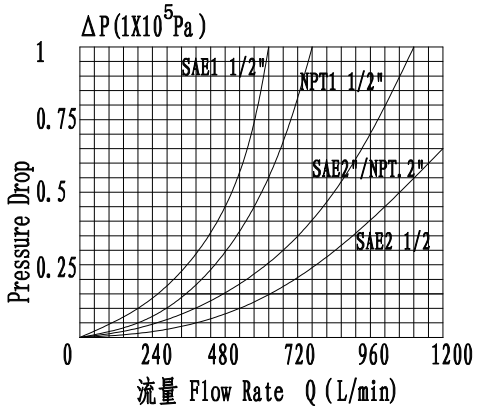
代号 Code	发讯器类型 Indicator option
0	无压差发讯器 Without differential pressure indicator
S6	目视式压差发讯器 Visual differential pressure indicator
H6	目/电压式差发讯器 Visual-electrical differential pressure indicator

滤芯型号 Replacement Element | HC8310/8314 | FD | U | 1

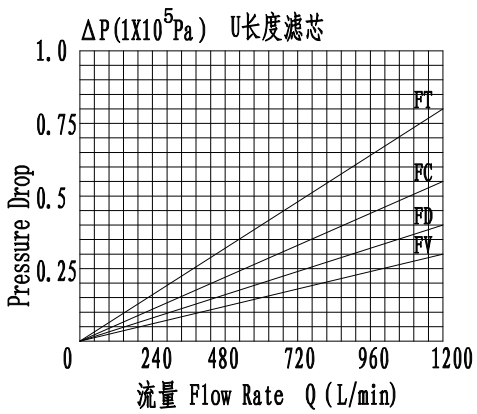
▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

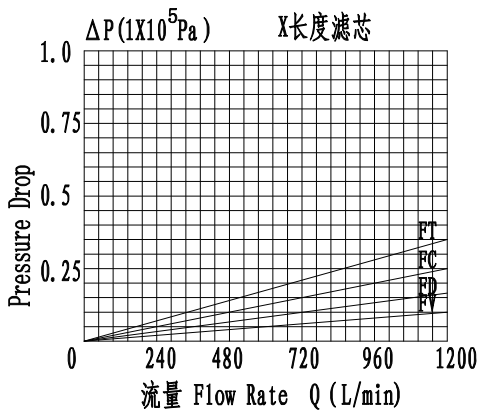
▶ （介质参数KINEMATIC VISCOSITY :30mm²/s DENDITY 0.86kg/dm³）

过滤器壳体压降 Filter Housing Pressure Drop



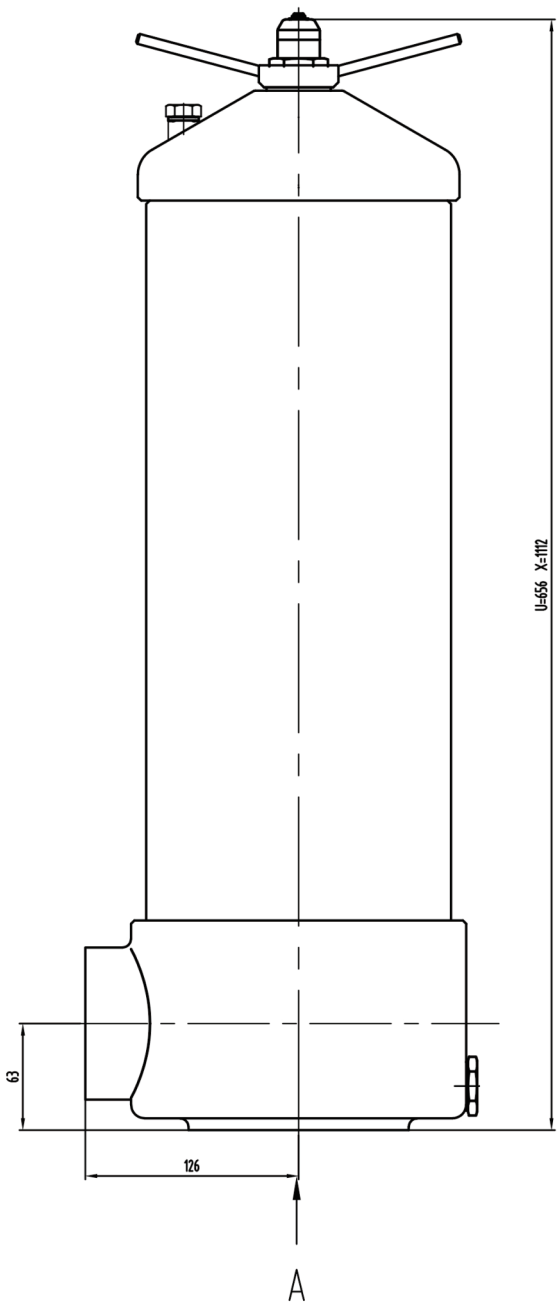
清洁滤芯压降Clean Pressure Drop

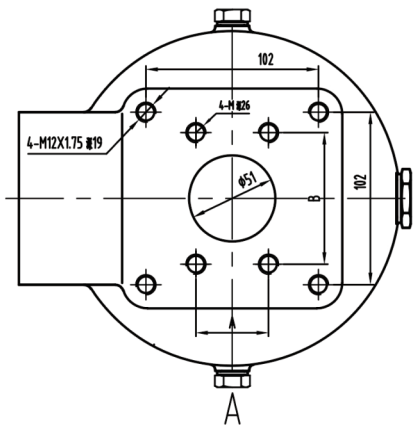


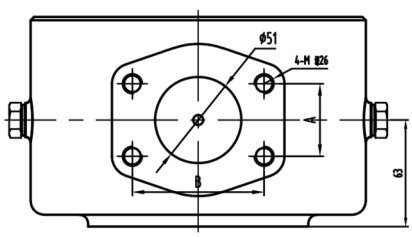


▶ 图示尺寸 DIMENSIONS

外形尺寸Dimensions: TH830



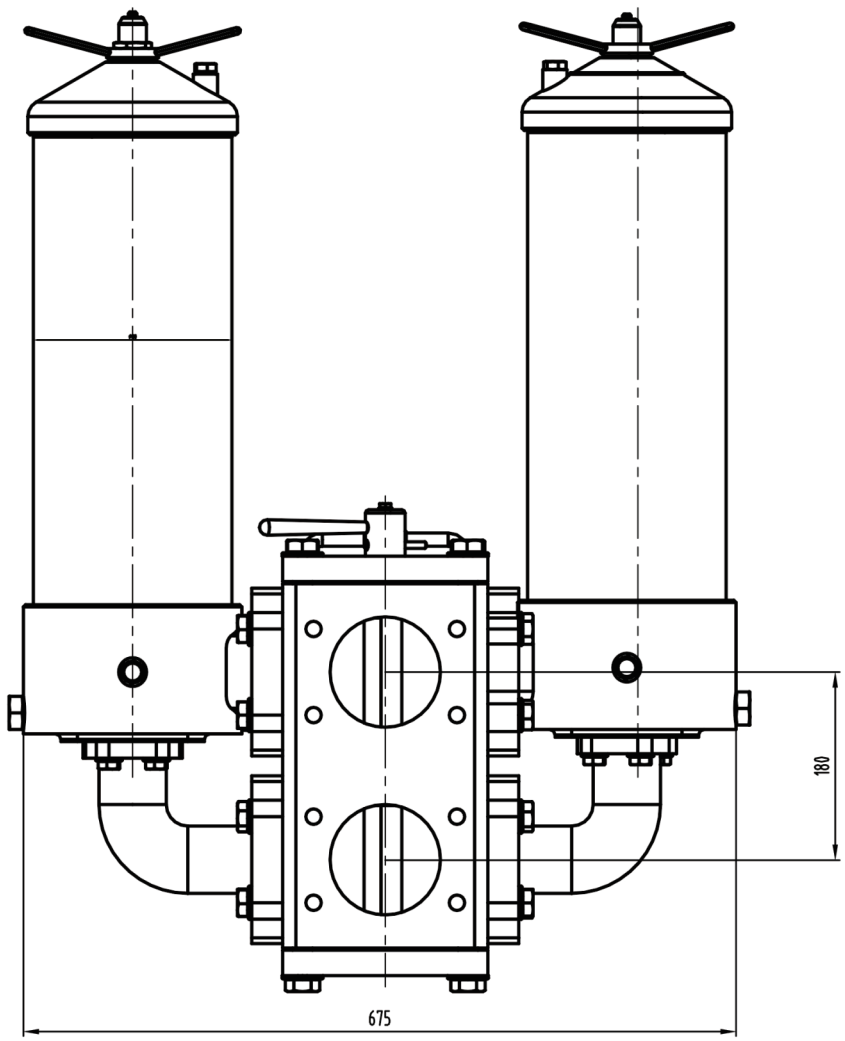


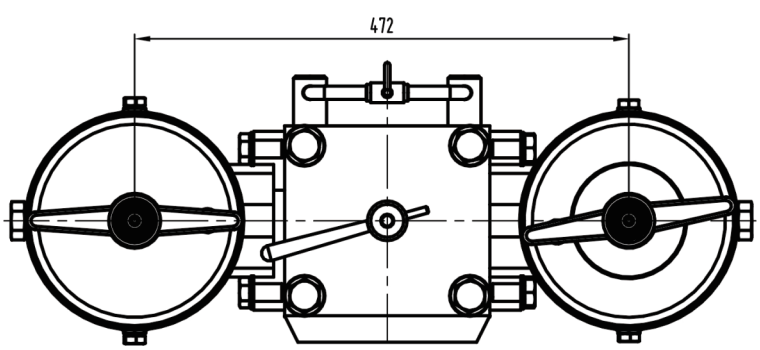


	A mm	B mm	M
F32	42.9	77.8	M12
F48	61.9	106.4	M16

▶ 图示尺寸 DIMENSIONS

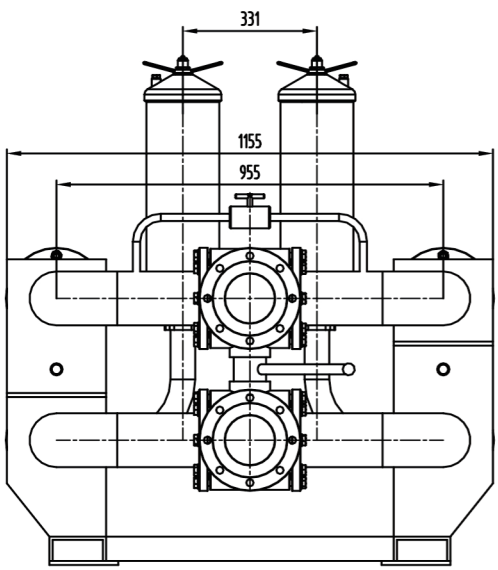
外形尺寸Dimensions: TH8370

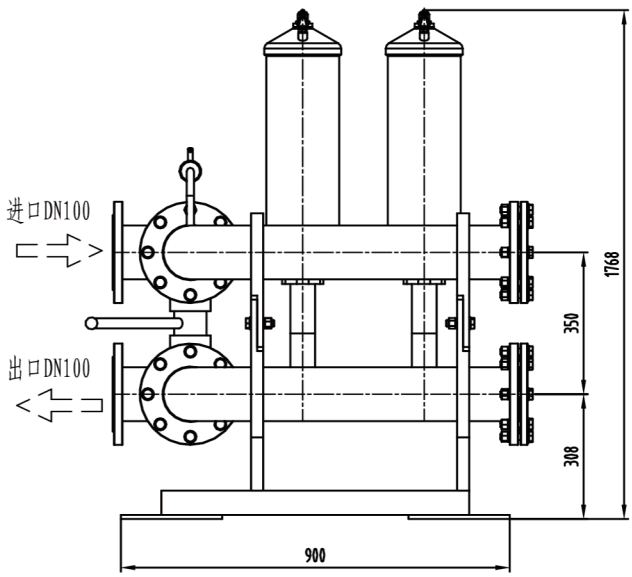


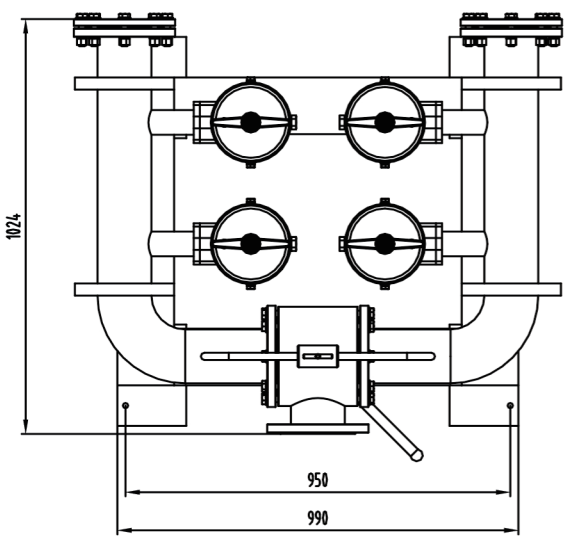


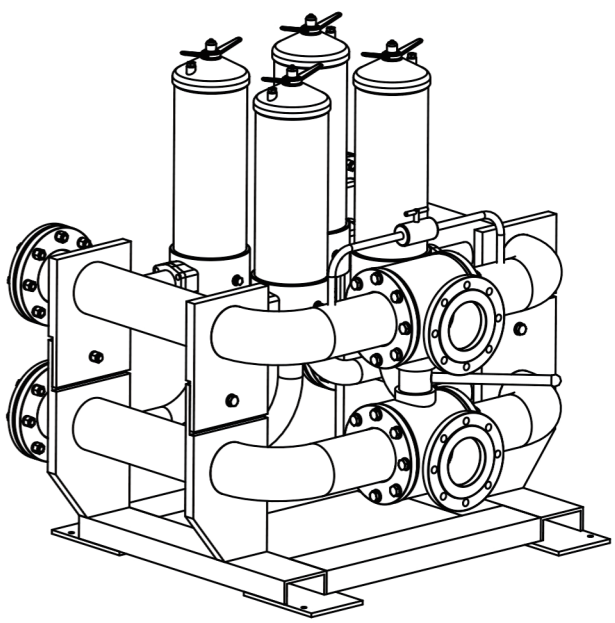
▶ 图示尺寸 DIMENSIONS

外形尺寸Dimensions: TH8371









▶ 图示尺寸 DIMENSIONS

外形尺寸Dimensions: TH8372

