RLT/SRLT系列



惠隆液压

中压过滤器

流量	最大100L/min
工作压力	最高10MPa

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100bar　　工作温度：-25℃~120℃

发讯器发讯压差：0.28MPa　　旁通阀开启压差：0.35MPa

壳体材料：铸铁

工作介质：矿物油、乳化液、水-乙二醇、磷酸酯液压液

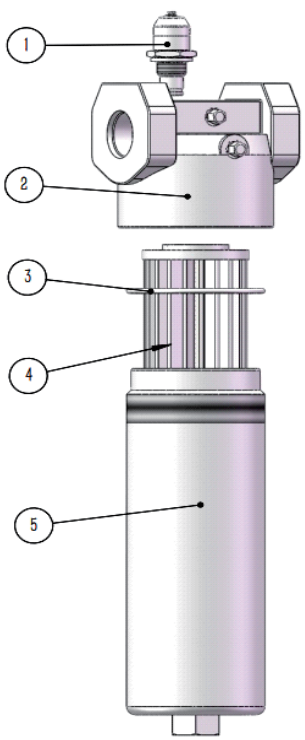
It is installed in low-pressure or return pipelinese of hydraulic system.

Operating pressure: Max.100bar　　Operating temperature:-25℃~120℃

Setting pressure of clogging indicator:0.28MPa　　Bypass valve cracking pressure: 0.35MPa

Filter housing material: Cast steel

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	发讯器 Indicator	
2	滤盖组件 Cap components	
3	密封圈 Seal	易损件 Wearing Parts
4	滤芯 Element	易损件 Wearing Parts
5	壳体 Housing	

系列型谱 ORDERING INFORMATION

过滤器型号Filter Assembly | SRLT | 160 | FD | 1 | H2 | 1 | B5

	代号 Code	流量 (L/min) Flow rate
RLT	060	60
	110	100
SRLT	160	160
	240	240

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	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
MN	不锈钢编织网 Stainless steel wire mesh 50μm
MS	不锈钢编织网 Stainless steel wire mesh 60μm
MCD	不锈钢编织网 Stainless steel wire mesh 100μm

流量 Flow rate	代号 Code	接口尺寸 Port size
060 110	B3	G3/4
	M3	M27×2
	E3	11/16-12UNF
160 240	B5	G1
	M5	M33×2
	E5	1 5/16-12UNF

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

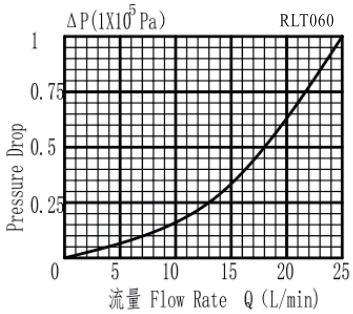
代号 Code	过滤器结构形式 Form of filter
0	无压差发讯器 Without differential pressure indicator
S2	目视式压差发讯器 Visual differential pressure indicator
H2	目/电压式差发讯器 Visual-electrical differential pressure indicator

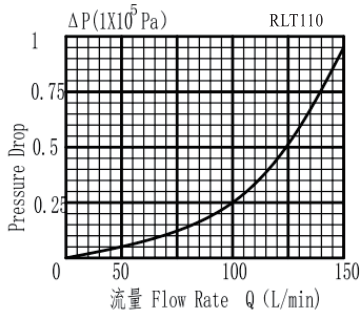
滤芯型号 Replacement Element | RLE | 160 | FD | 1

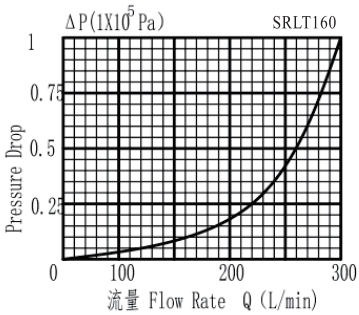
▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

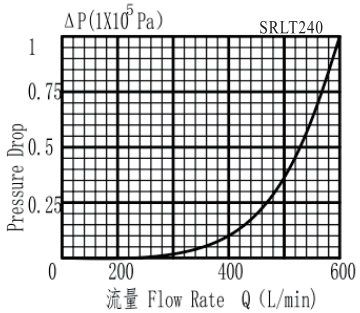
▶ （介质参数KINEMATIC VISCOSITY :30mm²/s DENDITY 0.86kg/dm³ ）

过滤器壳体压降 Filter Housing Pressure Drop

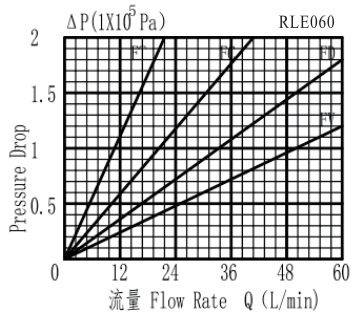


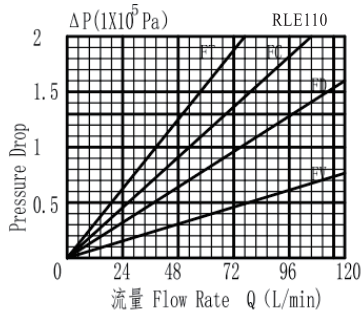


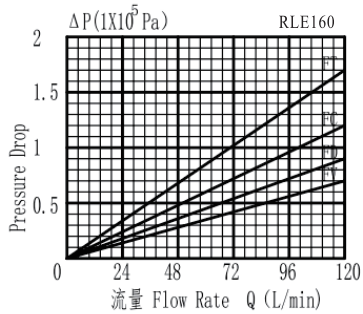


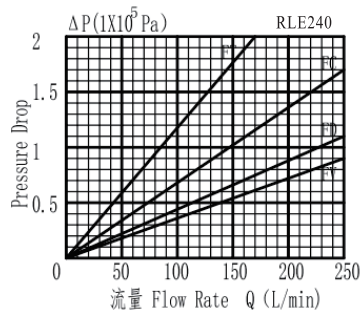


清洁滤芯压降Clean Pressure Drop

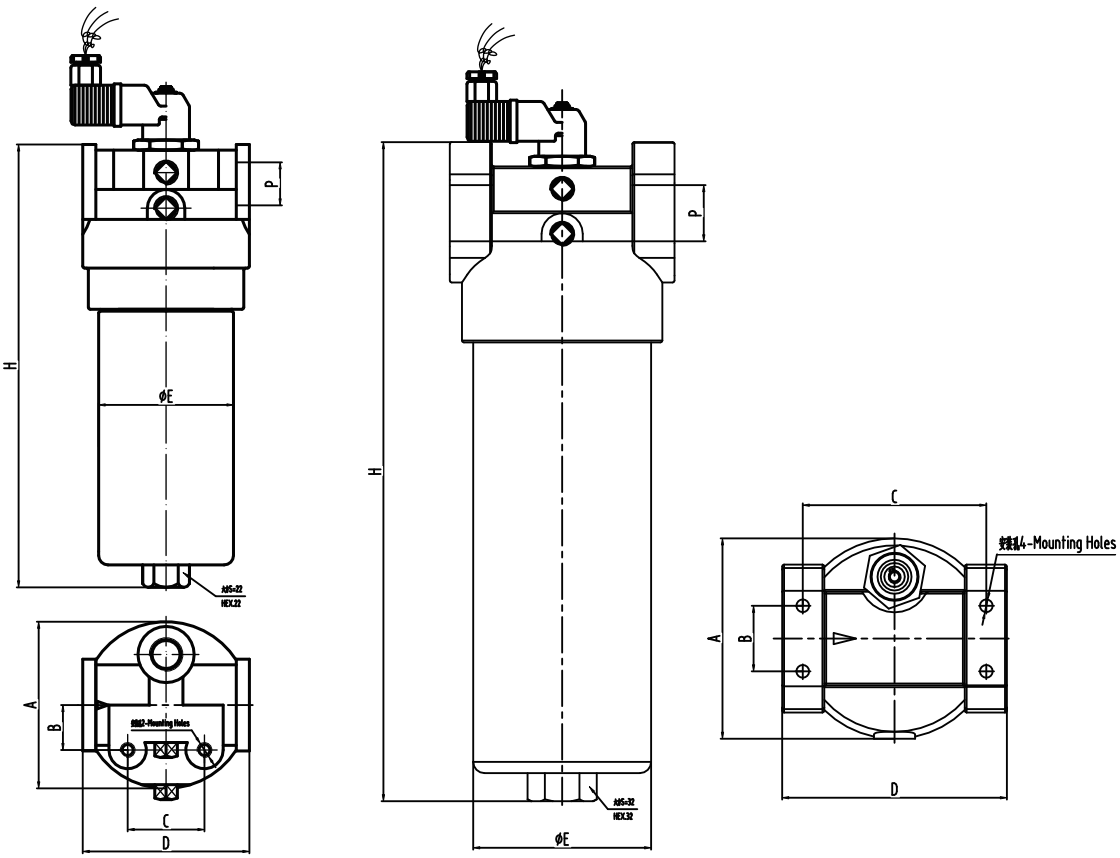








图示尺寸 DIMENSIONS



过滤器型号 Filter Type	P	H	A	B	C	D	E	更换滤芯空间 Bowl removal space
SRLT060	G 3/4 M27×2 1 1/16-12UNF	178	90	24	41	89	73	≥65mm
SRLT110		238						≥125mm
SRLT160	G1 M33×2 1 5/16-12UNF	280	106	35	98	120	95	≥140mm
SRLT240		340						≥240mm