

LPOPRV2-10

先导式溢流阀 [锥阀型]

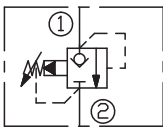
说明 DESCRIPTION

A cartridge-style pilot-operated poppet -type relief valve
先导座阀式溢流阀

工作 OPERATION

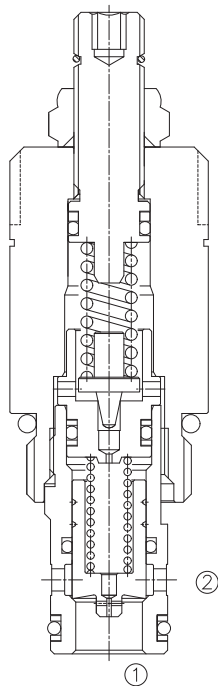
The valve prevents flow from ① to ② until pressure at ① exceeds the set crack pressure and opens the pilot section. The pilot flow creates a pressure differential across the poppet which causes the valve to open allowing flow from ① to ② protecting the circuit from over pressurization.
阀体①口和②口不通，直到①口压力超过设定压力且打开先导阀芯。这样，先导阀芯引起主阀芯两端压力差的变化，压力差达到一定时，①口和②口互通。

SYMBOL

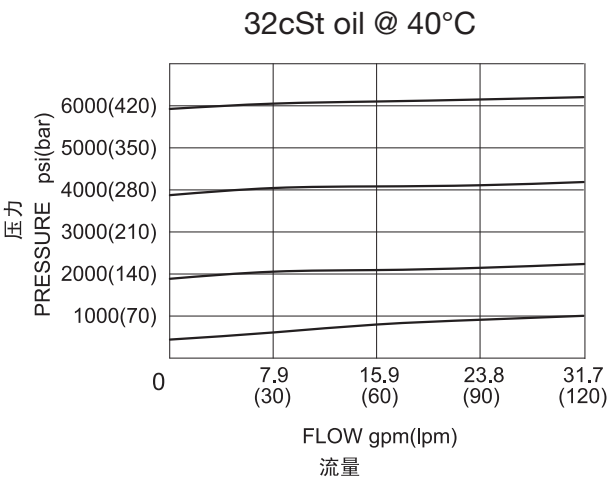


技术参数 SPECIFICATIONS

最大工作压力(Max.Operating Pressure):	420bar
流量(Flow):	See PRESSURE DROP VS. FLOW graph.
内泄漏(Internal Leakage):	5 drops/min(滴/分). max. to 80% of nominal setting
闭合压力(Reseat Pressure):	85% of crack pressure开启压力 (crack pressure at 0.95 lpm /0.25 gpm)
弹簧调压范围(Standard Spring Ranges):	0.5 to 55 bar; preset预设: 47 bar 35 to 140 bar; preset预设: 48 bar 70 to 280 bar; preset预设: 88 bar 140 to 420 bar; preset预设:140 bar
温度(Temperature):	-40°F to +250°F(-40°C to +120°C)
过滤(Filtration):	See page (参见) N-1
油液(Fluids):	Mineral-based fluids with viscosities of 7.4 to 420 cSt.(矿物油粘度)
插孔(Cavity):	10-2, See page M-2
阀块材料(Body Material):	Steel & Ductile iron rated to 350bar 钢和球铁允许使用最大压力350bar



压力 – 流量曲线 PRESSURE DROP VS.FLOW



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LPOPRV2 - 10 - * * - * / * * * * - * *

1
2
3
4
5
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1 功能
LPOPRV2= 先导式溢流阀
Pilot-Operated Poppet-type
Relief Valve

2 规格 Size
10=10 规格

3 弹簧调压范围 Spring Ranges
8=7-800psi(0.5-55bar)
Preset:680psi(47bar)
20=500-2000psi(35-140bar)
Preset:696psi(48bar)
40=1000-4000psi(70-280bar)
Preset:1275psi(88bar)
60=2000-6000psi(140-420bar)
Preset:2000psi(140bar)

4 油封 Seal Kits
空白 Blank=O 型圈密封 (for O-ring Seals)

5 设定压力 Setting In Bar
空白 Blank= 预设定 Preset
例 Example:0250=250bar

6 阀块油口 Body Porting
空白 Blank= 不带阀块 None
6T=SAE6
8T=SAE8
3G=G 3/8
4G=G 1/2

※ 阀块详见章节 K-4
其它螺纹油口也是可选择的
Other Porting is Available

安装尺寸 INSTALLATION DIMENSIONS

Unit=Millimeters

