

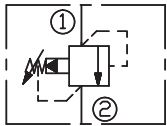
LPSRV2-16

先导式溢流阀

说明 DESCRIPTION

A cartridge-style pilot-operated spool-type relief valve
先导滑阀式溢流阀

SYMBOL



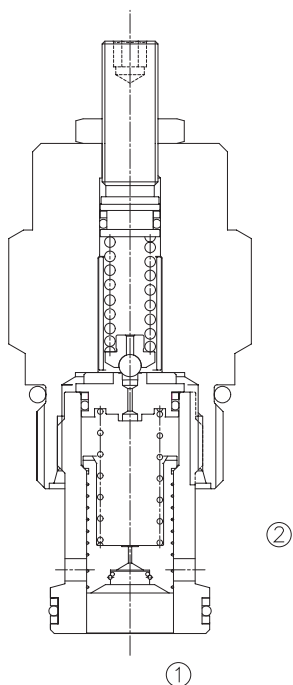
工作 OPERATION

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 spool which causes the valve to open allowing flow from ① to ② protecting the circuit from over pressurization.

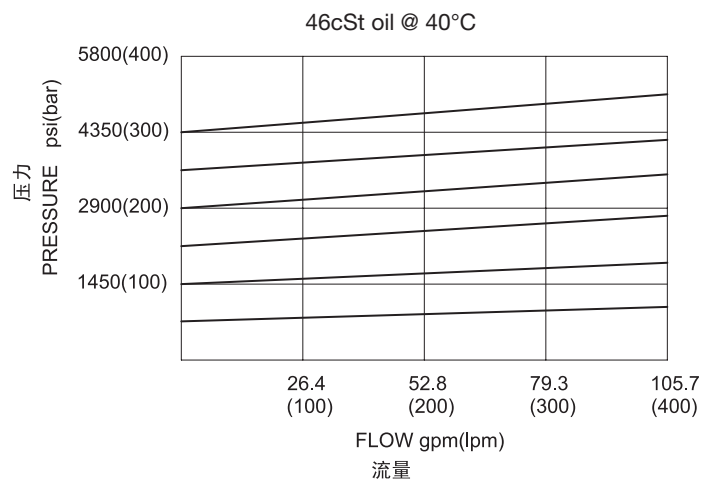
阀体①口和②口不通，直到①口压力超过设定压力且打开先导阀芯。这样，先导阀芯引起主阀芯两端压力差的变化，压力差达到一定时，①口和②口互通。

技术参数 SPECIFICATIONS

最大工作压力(Max.Operating Pressure):	Port①: 420bar
最大允许压力(Max.Pressure Admitted):	Port②: 140bar
流量(Flow):	See PRESSURE DROP VS. FLOW graph.
内泄漏(Internal Leakage):	82 cc/min. 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):	10-210bar Preset 预设定:100bar; 10-420bar 预设定:200bar;
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):	16-2, 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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LPSRV2 - 16 - * * / ** - * ***

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|--|--|---|
| <p>1 功能
LPSRV2= 先导式溢流阀
Pilot-Operated Spool-type
Relief Valve</p> | <p>3 弹簧调压范围 Spring Ranges
30=145-3000psi(10-210bar)
Preset:1450psi(100bar)
60=145-6000psi(10-420bar)
Preset:2900psi(200bar)</p> | <p>5 阀块油口 Body Porting
空白 Blank= 不带阀块 None
12T=SAE12
16T=SAE16
6G=G 3/4
8G=G 1</p> |
| <p>2 规格 Size
16=16 规格</p> | <p>4 设定压力 Setting In Bar
空白 Blank= 预设设定 Preset
例 Example:0250=250bar</p> | <p>※ 阀块详见章节 K-4
其它螺纹油口也是可选择的
Other Porting is Available</p> |

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安装尺寸 INSTALLATION DIMENSIONS

Unit=Millimeters

