

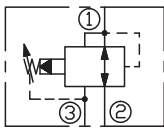
LPRPS2-10

先导式减压 / 溢流阀

说明 DESCRIPTION

A cartridge-style pilot-operated pressure reducing/ relieving valve
先导式减压 / 溢流阀

SYMBOL

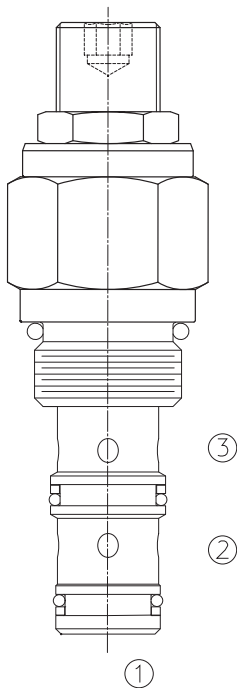


工作 OPERATION

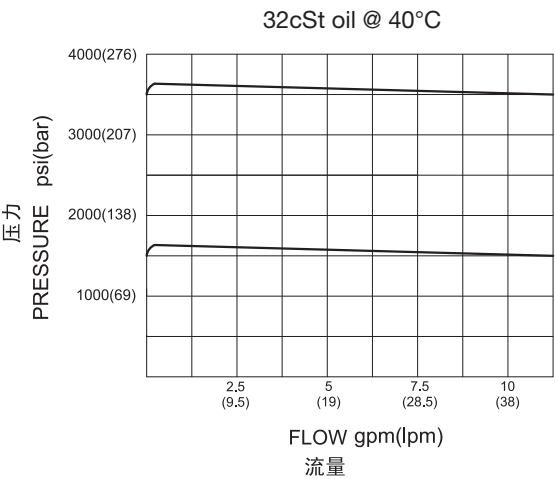
In its steady state, the valve allows flow to pass from ② to ①, with the spring chamber constantly drained at ③. On attainment of a pre-determined pressure at ①, the cartridge shifts to restrict input flow at ②, thereby regulating pressure at ①. In this mode, the valve will also relieve ① to ③ over the reducing setting.
在①口的压力达到弹簧设定的压力时，从②到①减压。弹簧腔内排到③口。
当①口的压力超过预设定的压力时，②口渐渐关闭，①到③开始溢流。

技术参数 SPECIFICATIONS

工作压力(Operating Pressure):	350bar
流量(Flow):	See performance chart
内泄漏(Internal Leakage):	from②to③(内泄漏②到③) 82 cc/min. max. at 85% of crack pressure
弹簧调压范围(Standard Spring Ranges):	3.45-103 bar, preset预设: 52bar
	3.45-207 bar, preset预设: 103bar
	3.45-350 bar, preset预设: 175bar
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):	10-3, 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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LPRPS2 - 10 - * * - * / *** - * ***

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|---|--|---|
| <p>1 功能
LPRPS2= 先导式减压 / 溢流阀
Pilot-operated Pressure
Reducing/Relieving Valve</p> | <p>3 弹簧调压范围 Spring Ranges
15=50-1500psi(3.45-103bar)
Preset:750psi(52bar)
30=50-3000psi(3.45-207bar)
Preset:1490psi(103bar)
50=50-5000psi(27.6-350bar)
Preset:2500psi(175bar)</p> | <p>5 设定压力 Setting In Bar
空白 Blank= 预设定 Preset
例 Example:0100=100bar</p> |
| <p>2 规格 Size
10=10 规格</p> | <p>4 调节 Adjustment
K= 调节手轮 1-1/2'Dia Knob
内六角调节杆 (Omit for 5/16" Hex Allen head)</p> | <p>6 阀块油口 Body Porting
空白 Blank= 不带阀块 None
6T=SAE6
8T=SAE8
2G=G 1/4
3G=G 3/8</p> |
- ※ 阀块详见章节 K-5
其它螺纹油口也是可选择的
Other Porting is Available

安装尺寸 INSTALLATION DIMENSIONS

Unit=Millimeters

