

LPS2-10

顺序阀

说明 DESCRIPTION

A cartridge-style spool-type sequence valve with external pilot and internal spring chamber drain

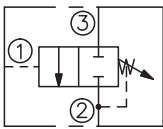
外控内排滑阀型顺序阀

工作 OPERATION

In its steady state, the valve blocks flow from ③ to ② . On attainment of a pre-determined pressure at ① , the cartridge shifts to open ③ to ② . Since the spring chamber is vented at ② , back pressure at ② will directly (1:1) affect the valve’ s setting.

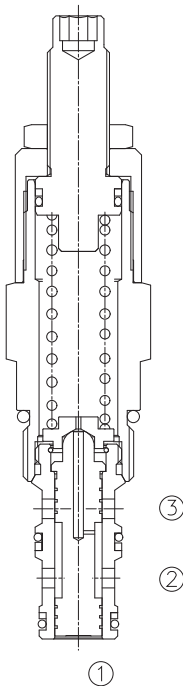
在稳定状态，③口与②口不通；在①口达到预设定值时，③到②打开。因弹簧腔的液压油与②口通，所以②口的背压将 1：1 地叠加到阀的设定上。

SYMBOL

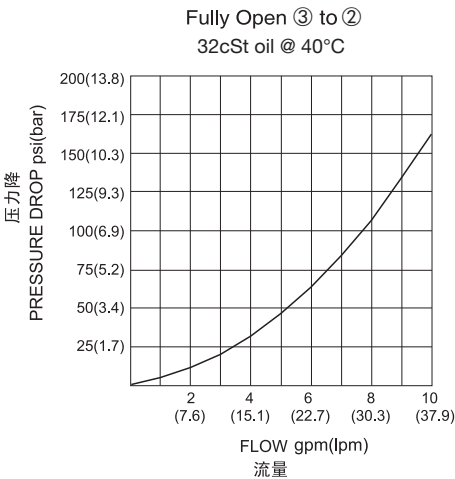


技术参数 SPECIFICATIONS

工作压力(Operating Pressure):	207bar
流量(Flow):	See PRESSURE DROP VS. FLOW graph.
内泄漏(Internal Leakage):	82 cc/min. max. to 90% of nominal setting
弹簧调压范围(Standard Spring Ranges):	5.5-27.6 bar, preset预设定:13.8bar 13.8-55.2 bar, preset预设定:27.6bar 20.7- 103 bar, preset预设定:51.5bar 28- 145 bar, preset预设定:72.5bar
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):	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar 6061-T6铝,允许使用最大压力207bar 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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LPS2 - 10 - * * - */ ** - * ***

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2
3
4
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1 功能
LPS2= 顺序阀
Spool-type Sequence Valve with
External Pilot and Internal Drain

2 规格 Size
10=10 规格

3 弹簧调压范围 Spring Ranges
4=80-400psi(5.5-27.6bar)
Preset:200psi(13.8bar)
8=200-800psi(13.8-55.2bar)
Preset:400psi(27.6bar)
15=300-1500psi(20.7-103bar)
Preset:750psi(51.5bar)
21=400-2100psi(28-145bar)
Preset:1050psi(72.5bar)

4 调节 Adjustment
K= 调节手轮 1-1/2'Dia Knob
内六角调节杆 (Omit for 1/4' Hex Allen head)

5 设定压力 Setting In Bar
空白 Blank= 预设定 Preset
例 Example:0120=120Bar

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

※ 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

