

LDPR-10

直动式减压 / 溢流阀

说明 DESCRIPTION

A cartridge-style direct-acting spool-type pressure reducing/relieving valve

滑阀直动式减压 / 溢流阀

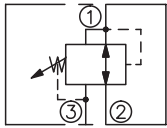
工作 OPERATION

In its steady state, the valve allows flow to pass bi-directionally 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 at approximately 10 bar 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。

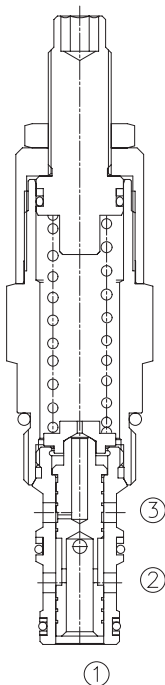
当①口的压力超过预设定的压力 10bar 以上时，②口渐渐关闭，①到③开始溢流。

SYMBOL

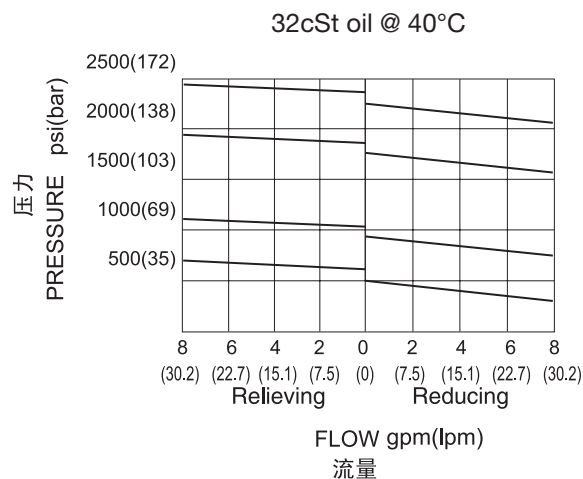


技术参数 SPECIFICATIONS

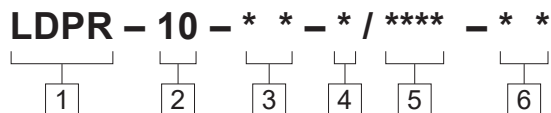
工作压力(Operating Pressure):	207bar
流量(Flow):	See performance chart
内泄漏(Internal Leakage):	from ② to ③ (内泄漏 ② 到 ③) 82 cc/min. max. at ΔP 207 bar
弹簧调压范围(Standard Spring Ranges):	5.5 to 27.6 bar, preset 预设定: 13.8bar 13.8 to 55.2 bar, preset 预设定: 27.6bar 20.7 to 103 bar, preset 预设定: 51.5bar 27.6 to 145 bar, 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



订货代号 TO ORDER



1 功能
LDPR= 直动式溢流阀
Direct-acting Spool-type
Pressure Reducing/Relieving Valve

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(27.6-145bar)

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:0100=100Bar

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

