

LPD2-10-35

二位三通液控换向阀 (常开型)
内部泄油

说明 DESCRIPTION

A cartridge-style 2-way pilot-operated spool-type directional valve

二位，三通，外控，螺纹插装方向阀

工作 OPERATION

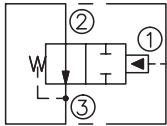
Unpiloted, the valve allows flow between ② and ③. The spring bias chamber is internally vented to ③. On remote pilot signal at ①, the valve shifts to close ② to ③ bidirectionally.

Note: Back pressure at ③ will increase the pilot pressure required at 1 to shift, at a ratio of 1:1. Consult factory for applications where bi-directional flow is required when the valve is in the normal or spring-offset position.

无液控时，此阀允许油液从 ② 向 ③ 流动。弹簧室内部接通油口 ③。当远端信号到达 ① 时，阀芯移动，③ 流向 ② 双向闭合。

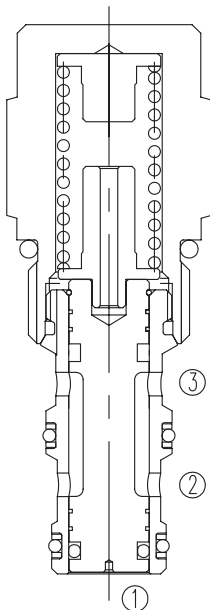
注：③ 处的背压将以 1:1 的比率增加 ① 处所需移动阀芯的液控压力。

SYMBOL

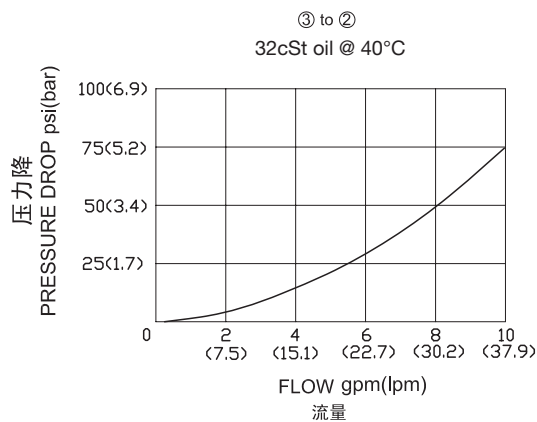


技术参数 SPECIFICATIONS

工作压力(Operating Pressure):	240bar
流量(Flow):	See PRESSURE DROP VS.FLOW graph.
内泄漏(Internal Leakage):	82cc/min.(毫升/分) max. at 240bar
先导口压力要求(Pilot Pressure Required):	阀芯完全换向(To Full Spool Shift): 采用4.1bar弹簧 (for 4.1bar spring) : 4.7bar 采用7.6bar弹簧 (for 7.6bar spring) : 8.6bar
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

LPD2 - 10 - 35 - * * - * * - * *

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2
3
4
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1 功能

LPD2= 二位二通液控换向阀
Piloted Two-way Spool
Directional Valve

2 规格 Size

10=10 规格

3 弹簧调压范围 Spring Ranges

4=40psi(2.8bar)
6=60psi(4.1bar)
11=110psi(7.6bar)
17=170psi(11.7bar)

4 油封 Seal Kits

N= 丁晴橡胶 (标准型) Buna N(Std)
NS= 丁晴橡胶 (活塞上带密封圈)
最低弹簧压力为 7.6bar
Buna N with sealed piston
110psi(7.6bar)minimum spring
V= 氟橡胶 V-Fluorocarbon
VS= 氟橡胶 (活塞上带密封圈)
最低弹簧压力为 7.6bar
VS-Fluorocarbon with sealed piston
110psi(7.6bar)minimum spring

5 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

D

安装尺寸 INSTALLATION DIMENSIONS

Unit=Millimeters

