

KPD10-35

二位三通液控换向阀

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 blocks flow between ② and ③. The spring bias chamber is internally vented to ③. On remote pilot signal at ①, the valve shifts to open ② and 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。

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): 82 cc/min. max. at 207 bar

先导口压力要求 (Pilot Pressure Required):
(采用 7.6 bar (110 psi) 弹簧):
阀芯位移: 7.6 bar (110 psi)
阀芯完全换向: 9.1 bar (132 psi)

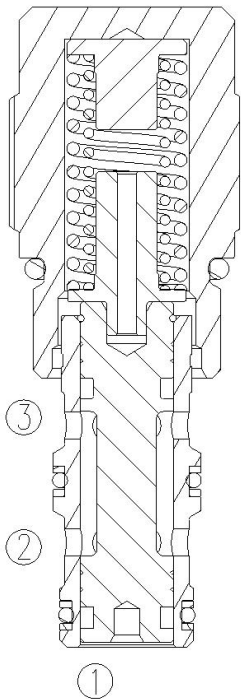
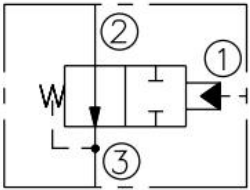
温度 (Temperature): -40° C to + 120° C

过滤 (Filtration): 参考过滤要求 (Reference filter requirements)

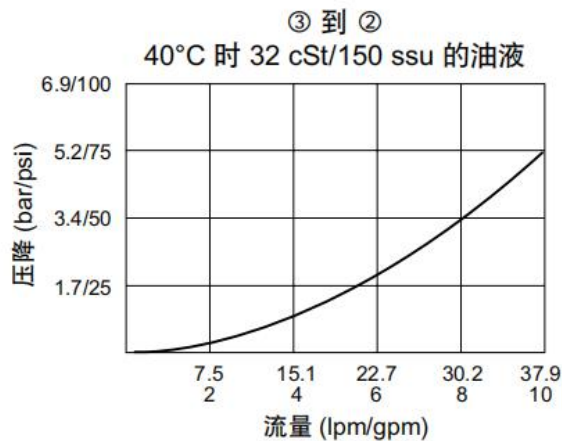
油液 (Fluids): Mineral-based fluids with viscosities of 7.4 to 420 cSt.
(矿物油粘度)

插孔 (Cavity): VC10-3

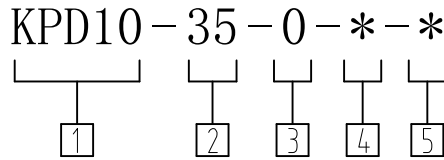
符号 SYMBOL



压力-流量曲线 PRESSURE DROP VS. FLOW



订货代号 TO ORDER



1 公司代码
Company code

2 功能
35= 二位二通液控换向阀
Piloted Two-wat Spool
Directional Valve

3 0
0= 只订插件
0=Order plug-ins only

4 密封件 Sealing ring
N 丁氟橡胶 (标准型)
BUNA N (Std.)

V 氟橡胶 Fluorocarbom

5 弹簧规格 Spring specifications
60 =60Psi (4.1bar)
110=110Psi (7.6bar)
170=170Psi (11.7bar)

备注 Description
如有其它特殊要求, 请联系工厂
For other special requirements,
please contact the factory

安装尺寸 INSTALLATION DIMENSIONS

