

K1DR2P20S

溢流阀

说明 DESCRIPTION

A cartridge-style direct-acting poppet-type pilot-capacity relief valve

直动座阀式先导阀

工作 OPERATION

Direct-acting, relief cartridges are used to remotely control the pressure setting of other

pilot-operated valves.

Because capacity is limited to pilot flow, these valves should be used with other higher

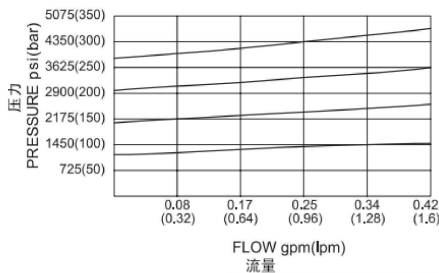
flow valves; Back pressure on the tank port ② is directly additive to the valve setting at a 1:1ratio.

直动式先导溢流阀用于远程控制其他先导式主阀的压力设定控制。由于额定流量的限制，此阀应在匹配的先导流量下与其他主阀一起使用；②口背压会按 1:1 叠加到阀的设定压力上。

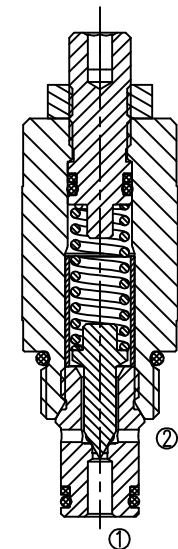
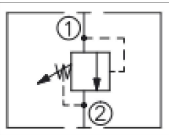
技术参数 SPECIFICATIONS

最大工作压力(Max.Operating Pressure):	350bar
流量(Flow):	1.5L/min
内泄漏(Internal Leakage):	2 drops/min(滴/分).
响应时间(Response Time):	2 ms
弹簧调压范围(Standard Spring Ranges):	A:25psi (1.7 bar) to 3000psi(210 bar), preset预设定:1000psi(70 bar) B:25psi (1.7 bar) to 1500psi(105 bar), preset预设定:1000psi(70 bar) C:25psi (1.7 bar) to 6000psi(420 bar), preset预设定:1000psi(70 bar) D:25psi (1.7 bar) to 800psi(55 bar), preset预设定: 400psi(28 bar) E:25psi (1.7 bar) to 400psi(28 bar), preset预设定: 200psi(14 bar) W:25psi (1.7 bar) to 4500psi(315 bar), preset预设定:1000psi(70 bar)
温度(Temperature):	-40° F to +250° F(-40° C to +120° C)
油液(Fluids):	Mineral-based fluids with viscosities of 7.4 to 420 cSt.(矿物油粘度)
插孔(Cavity):	VC08-2
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

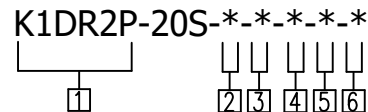
压力-流量曲线 PRESSURE DROP VS. FLOW
32cSt oil @ 40°C



符号 SYMBOL



订货代号 TO ORDER



- | | |
|---|---|
| 1 功能
K1DR2P= 直动式溢流阀
Direct-Acting Relief Valve | 4 弹簧调压范围 Spring Ranges
A=25-3000psi(1.7-210bar) Preset:1000psi(70bar)
B=25-1500psi(1.7-105bar) Preset:1000psi(70bar)
C=25-6000psi(1.7-420bar) Preset:1000psi(70bar)
D=25-800 psi(1.7-55bar) Preset:400psi(25bar)
E=25-400 psi(1.7-28bar) Preset:200psi(14bar)
W=25-4500psi(1.7-315bar) Preset:1000psi(70bar) |
| 2 流量 Flow
A=1L/min | |
| 3 控制方式 Control
L= 标准螺钉调节
Standard Screw Adjustment
K= 调节手轮 Handknob | |
| 5 油封 Seal Kits
N=Buna N
V=Viton | 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 |

安装尺寸 INSTALLATION DIMENSIONS

