

ZY-CR10-28 双向溢流阀
ZY-CR10-28 Relief, Bi-Directional
描述 DESCRIPTION:

螺纹插装式, 直动型, 差动面积, 座阀式双向溢流阀。

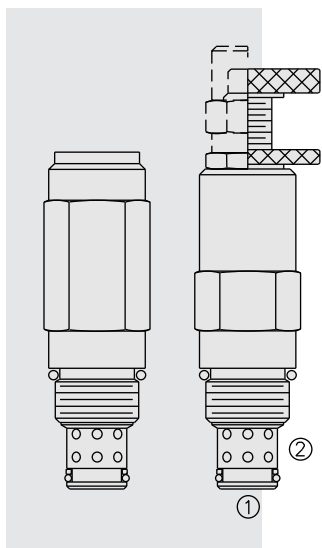
A screw-in, cartridge-style, direct-acting, differential area, poppet-type, bi-directional relief valve.

工作原理 OPERATION:

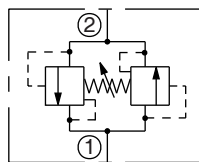
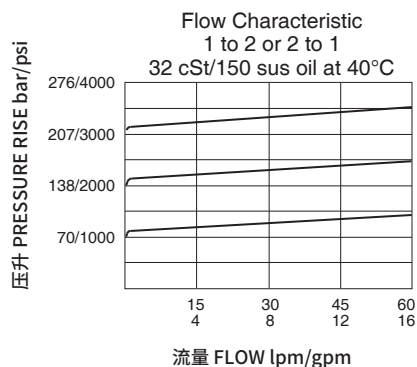
ZY-CR10-28 型, 是用单一插件形式的直动型双向交叉溢流阀。当任一油口的压力超过标称设定值时, 油液将输送到相反的油口。任一油口的背压将 1:1 叠加在相反油口的标称设定值上。因为对称, 预设值将在油口 ② 测定, 油口 ① 的压力同油口 ② 相差不超过 ± 150 psi。

The **ZY-CR10-28** is a direct-acting, dual cross-over relief valve in a single cartridge format. When pressure at either port exceeds the nominal setting value, flow will be transmitted to the opposite port. Back pressure at either port will affect the nominal setting of the opposite port on a 1:1 basis.

For correlation purposes, pre-set value will be measured at port 2. Pressure at port 1 will not exceed ± 150 psi from the port 2 value.


机能符号 SYMBOLS:

ISO:


性能图 PERFORMANCE: (Cartridge Only)

特性 RATINGS:

最大工作压力: 240 bar (3500 psi)

调压范围: 14~210 bar (200~3000 psi); 两根弹簧, 压力在油口 ② 设置

耐压: 345 bar (5000 psi)

闭合压力: 开启压力的 90% (在流量达 0.95 lpm/0.25 gpm 时为开启压力)

两个方向开启压力的最大差值: 10.5 bar (150 psi)

流量范围: 60 lpm (16 gpm); 参见性能图

最大内部泄漏: 在复位到开启压力的 80% 时: 33 毫升/分钟 (2 立方英寸/分钟)

温度范围: -40°C~120°C

介质: 粘度介于 7.4~420 cSt (50~2000 sus) 的矿物油或具有润滑作用的合成油

阀孔: ZY-VC10-2

Maximum Operating Pressure: 240 bar (3500 psi)

Adjustable Pressure Range: 14 to 210 bar (200 to 3000 psi); Two springs;
Pressure is set at port 2

Proof Pressure: 345 bar (5000 psi)

Reseat Pressure: 90% of crack (crack pressure at 0.95 lpm/0.25 gpm)

Maximum Difference for Crack Pressure in Both Directions: 10.5 bar (150 psi)

Flow Range: 60 lpm (16 gpm); see performance chart

Maximum Internal Leakage: when reseal to 80% of crack pressure:
33 ml/minute (2 cu. in./minute)

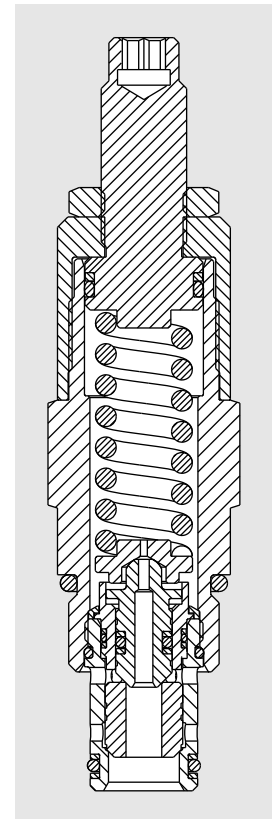
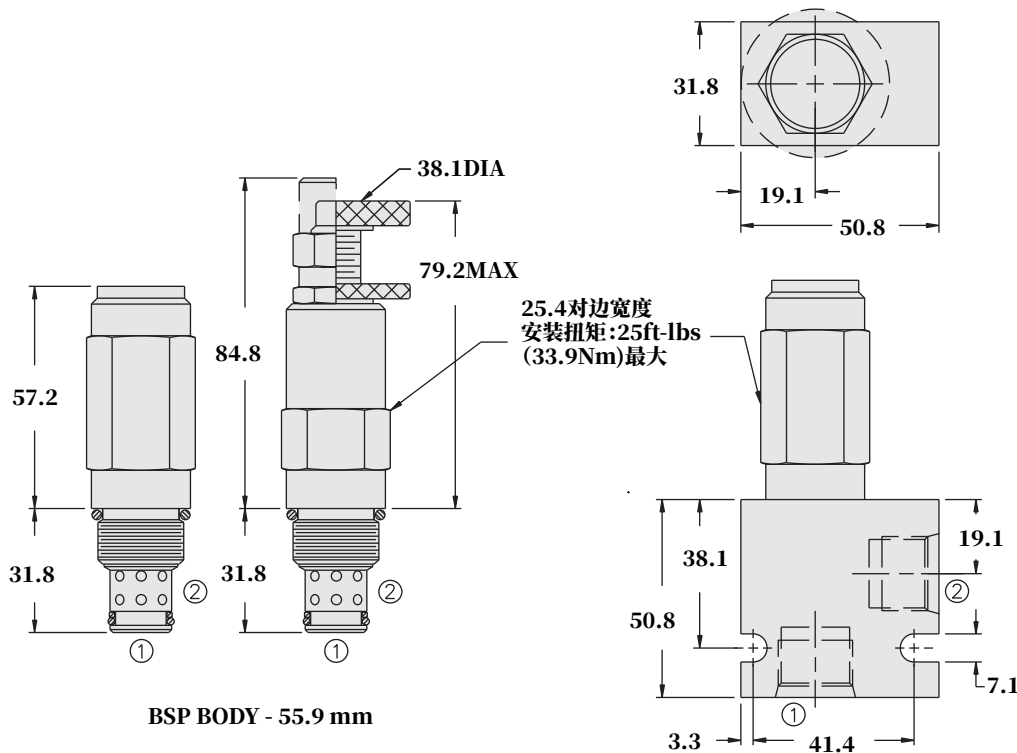
Temperature: -40 to 120°C with Buna N seals

Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt (50 to 2000 sus);

Cavity: ZY-VC10-2

ZY-CR10-28

尺寸 DIMENSIONS:



特点 FEATURES:

- 调节装置不会旋出阀体。
- 调节器确保弹簧不会被压实。
- 零件硬质处理、耐用。
- 工业常规阀孔。

- Adjustments cannot be backed out of the valve.
- Adjustments prohibit springs from going solid.
- Hardened parts for long life.
- Industry common cavity.

订购型号 TO ORDER:

ZY-CR10-28

调节选项
Adjustment Option
S5内六角头 A
(S5 Hex Allen Head)
铝合金手柄 B
(Dia. Alum Knob)

(Porting) 阀块油口
(For ordering valve block models, see: 6.0.0.00)
订购阀块型号请参见: 6.0.0.00

(Seals) 密封材料
仅指P上的压力:
Pressure on P Only:

Buna N(Sta)
N 丁腈橡胶(标准型)
V (Fluorocarbon)氟橡胶

设置(bar)
Setting in bar

(空白) 可调节或指定压力,
(Blank) for Adjustable, or Specify,
例如(for example):

M52 52 bar
M100 100 bar

设置(bar)
Setting in bar

(空白) 可调节或指定压力,
(Blank) for Adjustable, or Specify,
例如(for example):

9.0 900 psi
23.5 2350 psi

压力范围

Spring Range

24 14 to 168 bar
(200 to 2400 psi)

30 160 to 210 bar
(2300 to 3000 psi)

将可调节阀预设为该弹簧最大压力的50%。