

ZY-CV10-21 单向阀

ZY-CV10-21 Check Valve

描述 DESCRIPTION:

螺纹插装式液压单向阀, 用作单向截止或负载保持设备。

A screw-in, cartridge-style, hydraulic check valve for use as a blocking or load-holding device.

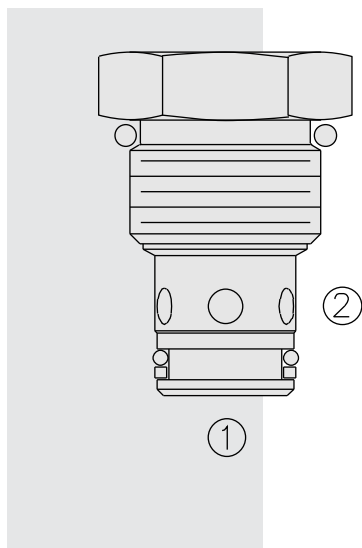
工作原理 OPERATION:

ZY-CV10-21 允许油液从 ② 流向 ①, 同时截止油液反向流动。

全导向阀芯在复位弹簧压力的作用下关闭阀口直到 ② 处压力足够大时打开①。

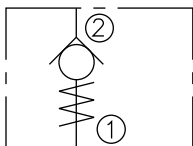
The **ZY-CV10-21** allows flow passage from 2 to 1, while normally blocking oil flow in the opposite direction.

The cartridge has a fully guided check which is spring-biased closed until sufficient pressure is applied at 2 to open to 1.

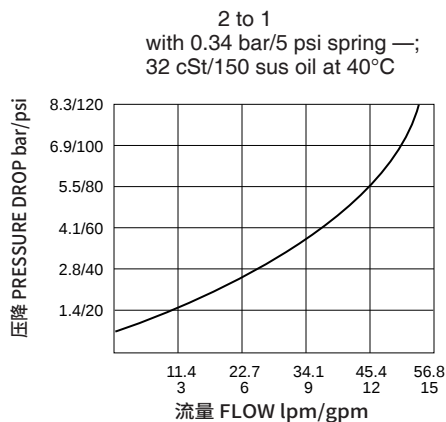


机能符号 SYMBOLS:

ISO:



性能图 PERFORMANCE: (Cartridge Only)



特性 RATINGS:

工作压力: 210 bar (3000 psi)

耐压: 420 bar (6090 psi)

流量: 参见性能图

内部泄漏: 在 210 bar (3000 psi) 时, 最大为 0.25 毫升/分钟(5 滴/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;

Operating Pressure: 210 bar (3000 psi)

Proof Pressure: 420bar (6090 psi)

Flow: See Performance Chart;

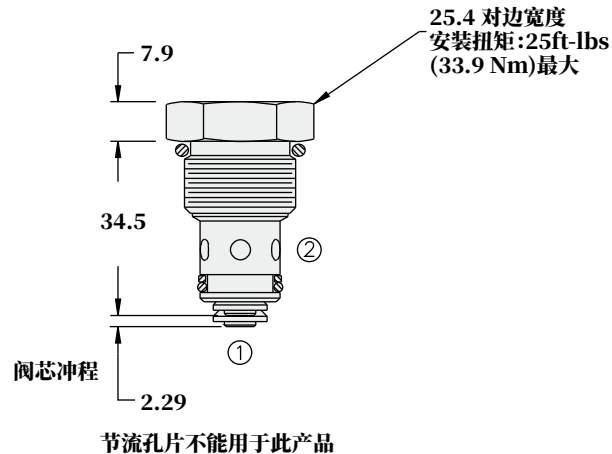
Internal Leakage: 0.25 cc/minute (5 drops/minute) max. at 210 bar (3000 psi)

Temperature: -40 to 120 °C

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

Cavity: ZY-VC10-2;

尺寸 DIMENSIONS:



特点 FEATURES:

- 轻质量阀芯适合防“气穴现象”的场合。
- 阀座经硬质处理, 耐用, 低泄漏。
- 可灵活选择不同背压的复位弹簧。
- 工业常规阀孔。
- Low check mass for anti-cavitation applications.
- Hardened seat for long life and low leakage.
- Optional bias springs for back-pressure application flexibility.
- Industry common cavity.

订购型号 TO ORDER:

ZY-CV10-21 - - - - -

(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

Buna N(Sta)

丁腈橡胶(标准型) N

(Fluorocarbon)氟橡胶 V

**弹簧规格
Bias Spring**

5.6bar	1*8.7*26.5*10.25
3.7bar	1*8.5*19.5*8
1.5bar	0.8*8*19.5*8.75
0.5bar	0.6*8.4*20.3*8.25
0.25bar	0.55*7.6*18.3*9.75
4.5bar	1*8.5*20.2*7.5
20bar	1.3*8.8*20.3*5.5