

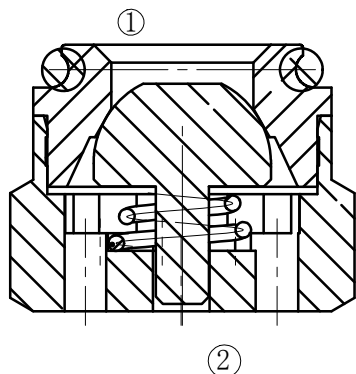
ZY-CVDO 单向阀
ZY-CVDO Check Valve
描述 DESCRIPTION:

一种旋入式、直接作用式、提升式直列式止回阀。

主要用途是作为阻挡或负载保持装置。

A screw-in, direct acting, poppet type in-line check valve.

Main use is as a blocking or load-holding device.


工作原理 OPERATION:

ZY-CVDO允许流量从端口①到端口②:阀体有一个充分的导向止回阀,弹簧偏压关闭,直到在端口①施加足够的压力,打开到端口②。

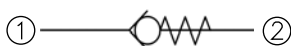
流动在相反的方向被阻塞(2比1)。

The **ZY-CVDO** allows flow passage from port ① to ②: the cartridge has a fully guided check which is spring-biased closed until sufficient pressure is applied at port ① to open to ②.

The flow is blocked in the opposite direction (2 to 1).

特性 RATINGS:
机能符号 SYMBOLS:

ISO:



工作压力:350 bar(5075 psi)

耐压:350 bar (5075 psi)

流量:参见性能图

内部泄漏:在 240 bar (3500 psi) 时, 最大为 0.10 毫升/分钟 (2 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-VC08-2;

Operating Pressure: 350 bar(5075 psi) ;

Proof Pressure:350 bar (5075 psi);

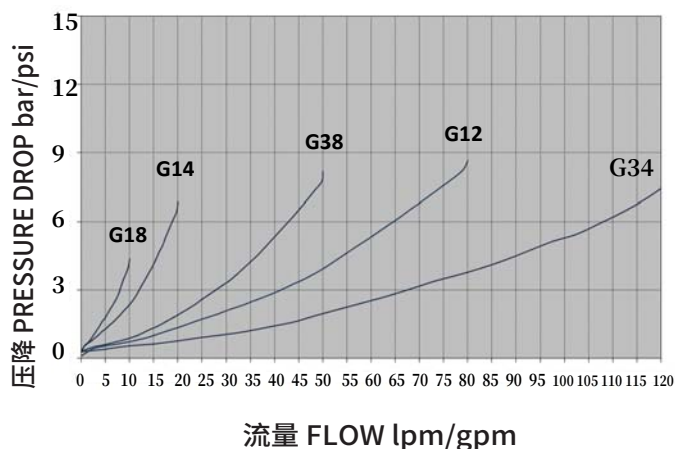
Flow: See Performance Chart;

Internal Leakage: 0.10 cc/minute (2 drops/minute) max. at 240 bar (3500 psi)

Temperature: -40 to 120 °C

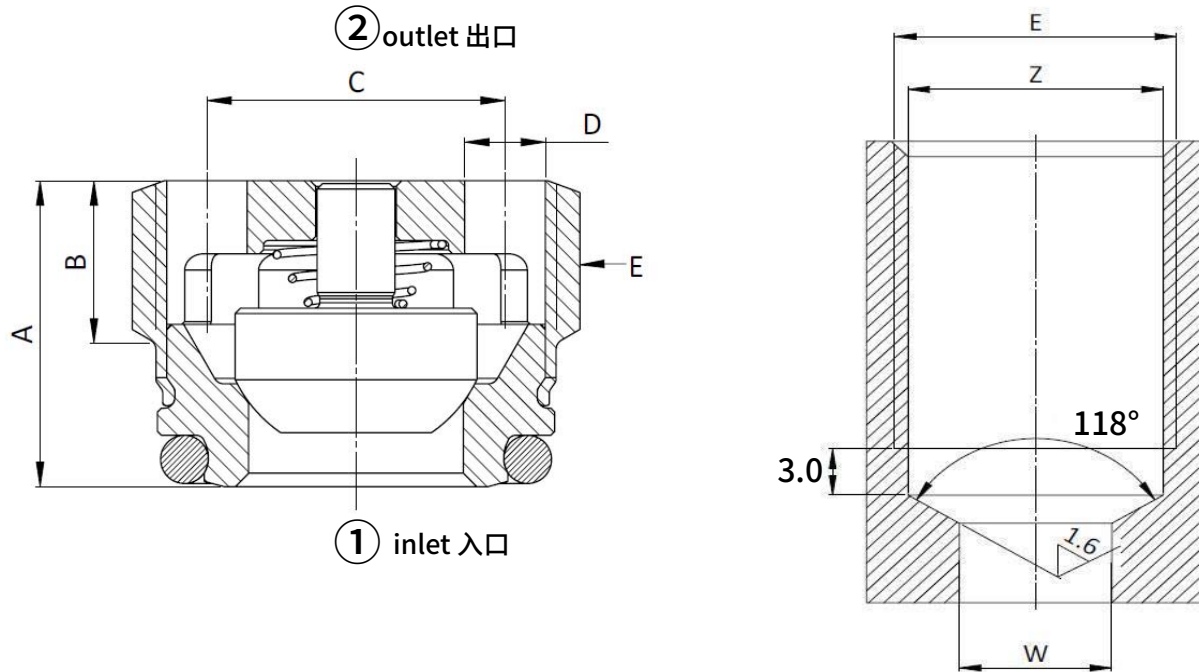
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt (50 to 2000 sus);

Cavity: ZY-VC08-2;

性能图 PERFORMANCE: (Cartridge Only)


尺寸 DIMENSIONS:
插孔 Cavity:

(unit)单位:mm


特点 FEATURES:
订购型号 TO ORDER:

- 所有阀门部件均采用高强度钢制造。
- 提升阀和阀座经过硬化和研磨,以确保低磨损并延长使用寿命。
- 适用于重型应用。
- 非常紧凑的尺寸。

- All valve parts are made of high strength steel.
- Poppet and seat are hardened and ground to guarantee low wear and to extend service life.
- Suitable for heavy duty applications.
- Extremely compact size.

ZY-CVDO — — — — —

(Bias Spring)

偏置弹簧

 Standard
(cracking pressure < 0.5 bar)

ON 标准(开启压力<0.5bar)

(Cavity Option) 插孔选件

A	B	C	D	E	Nm	Z	W	Cavity
7.5	3.5	φ5.6	φ1.6	G18	5	φ8.7	φ5	ZY-VH056
8.5	4.4	φ8.4	φ2.2	G14	6	φ11.6	φ7	ZY-VH007
11.3	6.0	φ11.1	φ3.0	G38	6	φ15.1	φ9	ZY-VH008
12.7	6.5	φ13.5	φ3.8	G12	10	φ18.8	φ12	ZY-VH009
14.8	7.6	φ16.5	φ5.0	G34	15	φ24.3	φ18	ZY-VH057