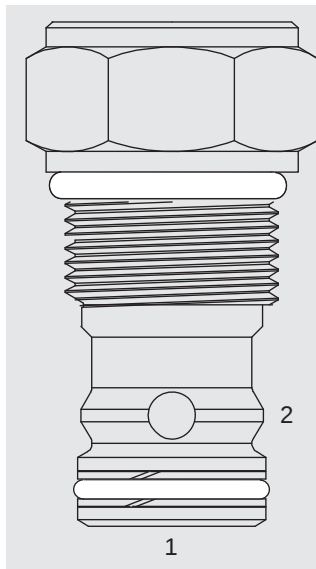


## ZY-CV11-12 单向阀

## ZY-CV11-12 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。

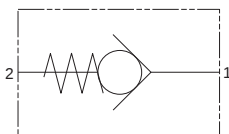
A screw-in, cartridge-style, hydraulic check valve for use as a blocking or load-holding device.

### 工作原理 OPERATION:

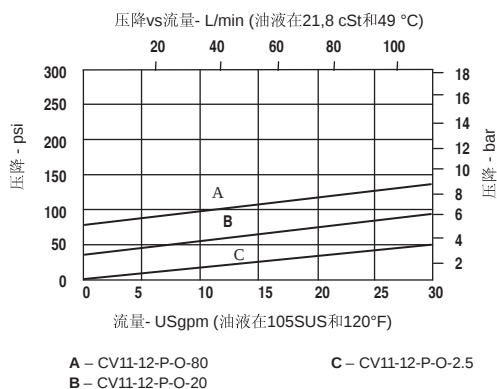
**ZY-CV11-12** 在弹簧偏置到达油口1, 阀芯抬离阀座前, 阀保持关闭状态, 之后允许流体由油口1至油口2流动, 相反方向阀关闭。

The **ZY-CV11-12** When the spring bias reaches the oil port 1, the valve core Before lifting away from the valve seat, the valve remains closed. After that, the fluid is allowed to flow from oil port 1 to oil port 2, and the valve is closed in the opposite direction.

### 机能符号 SYMBOLS:



### 性能图 PERFORMANCE: (Cartridge Only)



### 特性 RATINGS:

**工作压力:** 350 bar (5000 psi)

**额定流量:** 114 L/min (30 USgpm)

**内泄漏油口2至1:** 最大 5滴 /min. @350bar( 5000psi)

**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-C-12-2U;

**Operating Pressure:** 240 bar (3500 psi)

**Flow rating:** 114 L/min (30 USgpm)

**Internal oil leakage ports 2 to 1:** Max. 5 drops/min. @ 350bar (5000psi)

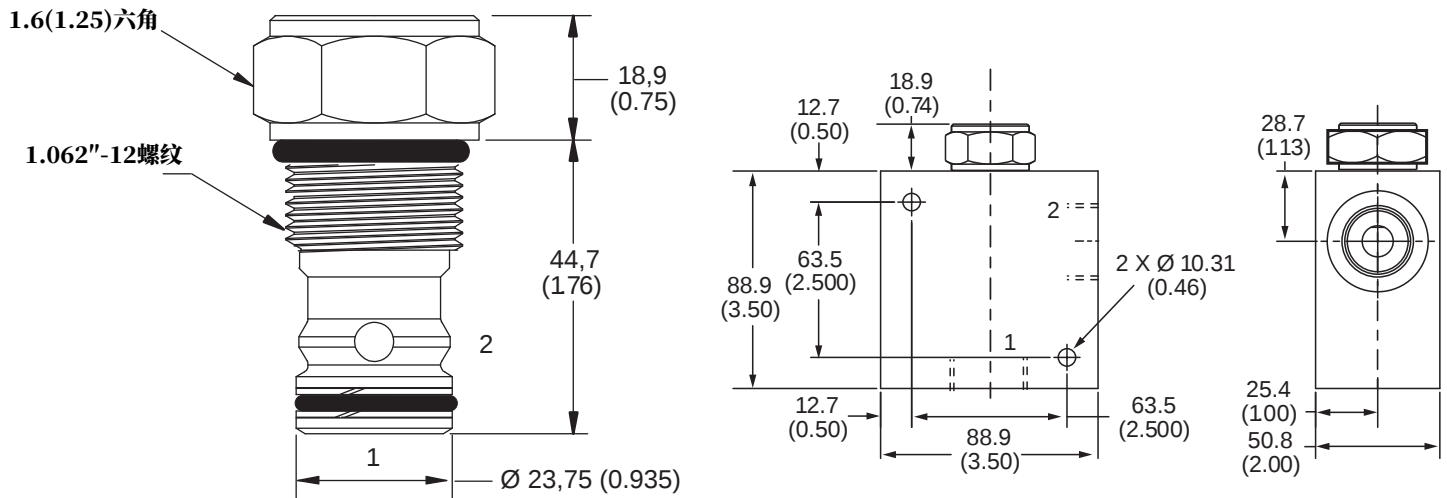
**Temperature:** -40 to 120 °C

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

**Cavity:** ZY-C-12-2U;

## ZY-CV11-12

### 尺寸 DIMENSIONS:



### 特点 FEATURES:

- 工作组件经过淬火、磨削以减少泄漏延长寿命。
- 坚固的设计使得最大额定压力可达350bar。

- Working components are quenched and ground to reduce Less leakage and longer service life.
- Rugged design The maximum rated pressure can reach 350bar.

### 订购型号 TO ORDER:

ZY-CV11-12 -          - P -         

#### (Seals)密封材料

Buna N(Sta)

丁腈橡胶(标准型) N

(Fluorocarbon)氟橡胶 V

#### 开启压力

Bias Spring

|     |                   |
|-----|-------------------|
| 2.5 | 0.17bar (2.55psi) |
| 5.0 | 0.35bar (5psi)    |
| 10  | 0.69bar (10psi)   |
| 20  | 1.38bar (20psi)   |
| 40  | 2.75bar (40psi)   |
| 80  | 5.50bar (80psi)   |
| 160 | 11.0bar (160psi)  |