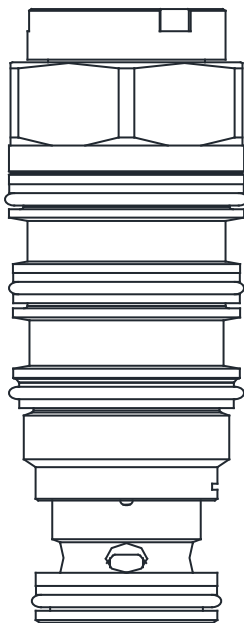


ZY-CV*V-XCN 带外接口先导开启单向阀
ZY-CV*V-XCN Vented pilot-to-open check valve

描述 DESCRIPTION:

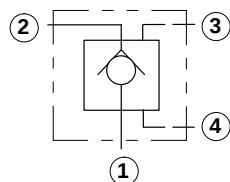
此阀为先导液控单向阀。它具有密封导压, 钢质阀座并且带外接口。

This valve is a pilot to open check valve. It has a sealed pilot, a steel seat, and is vented.

工作原理 OPERATION:

ZY-CV*V-XCN 液流从阀口(口2)向负载口(口1)自由流动, 截止其反向液流。先导口(口3)的压力使阀开启从口1到口2的流道。口3需要的开启先导压力与口1的负载压力直接成正比。因弹簧腔接外接口(口4), 所以阀不受口2压力影响。

The **ZY-CV*V-XCN** allows free flow from the valve (port 2) to the load (port 1) and blocks flow in the opposite direction. Pressure at the pilot (port 3) will open the valve from port 1 to port 2. Pilot pressure needed to open the valve is directly proportional to the load pressure at port 1. The valve is insensitive to pressure at port 2 because the spring chamber is referenced to the vent (port 4).

机能符号 SYMBOLS:

特点 FEATURES:

- 先导压力只要比泄油压力大75psi (5bar), 就可以将阀芯打开。
- 4口(泄油口)最大承受的压力不超过 5000psi (350bar)
- 大约每4000次动作可以产生1滴 (0.07cc) 的泄漏, 从先导腔泄漏进弹簧腔。
- 4口先导开启单向阀和4口平衡阀是结构上是可以相互替换的。

- Pilot pressure as low as 75 psi (5 bar) higher than the pressure at the vent can prevent the valve from closing.
- Will accept pressure at port 4 (vent) but can not exceed 5000 psi (350 bar).
- Approximately 1 drop (0,07 cc) of fluid will pass from the pilot area to the vented spring chamber every 4000 cycles.
- Pilot-to-open check cartridges are locking valves, not motion control valves.

特性 RATINGS:

最大操作压力: 350 bar(5000 psi)

通流能力: 60 L/min.120 L/min.240 L/min.480 L/min.

110 SUS (24 cSt)下的最大泄漏: 0.07 cc/min.(1 drops/min)

温度范围: -40℃~120℃

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

Maximum Operating Pressure: 350 bar(5000 psi)

Capacity: 60 L/min.120 L/min.240 L/min.480 L/min.

Maximum Valve Leakage at 110 SUS (24 cSt): 0.07 cc/min.(1 drops/min)

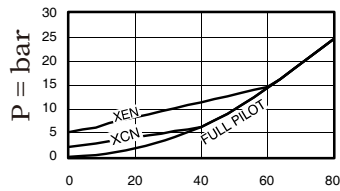
Temperature: -40 to 120 °C

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

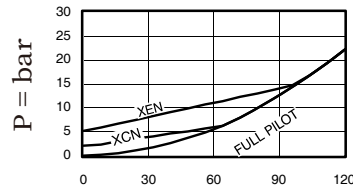
流量Flow	型号Model	插孔Cavity	安装扭矩 Mounting torque
60 L/min	ZY-CVCV-XCN	ZY-T-21A	41 - 47 Nm
120 L/min	ZY-CVEV-XCN	ZY-T-22A	61 - 68 Nm
240 L/min	ZY-CVGV-XCN	ZY-T-23A	203 - 217 Nm
480 L/min	ZY-CVIV-XCN	ZY-T-24A	474 - 508 Nm

ZY-CV*V-XCN

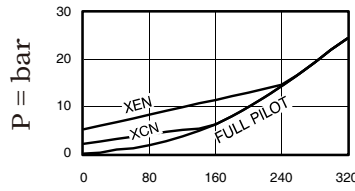
性能图 PERFORMANCE: (Cartridge Only)



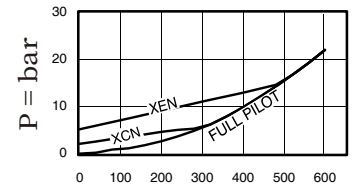
ZY-CVCV-XCN



ZY-CVEV-XCN

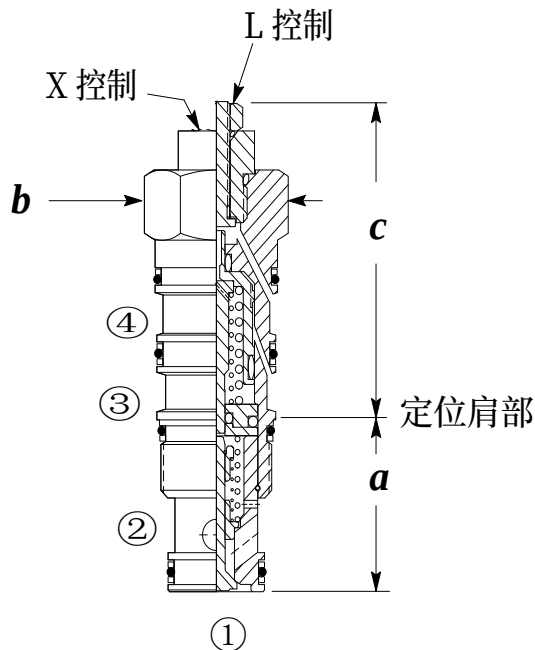


ZY-CVGV-XCN



ZY-CVIV-XCN

尺寸 DIMENSIONS:



插式阀尺寸

a	b	c	
		L	X
34.9	22.2	59	54
34.9	28.6	65	59
46	31.8	77	71
63.8	41.3	94	88

订购型号 TO ORDER:

ZY-CV — **V** — — — —

(FLOW) 流量

60 L/min. **C**
120 L/min. **E**
240 L/min. **G**
480 L/min. **I**

(Controls) 控制方式

Tuning Adjustment 调节 **L**
Not Adjustable 不可调 **X**

(Seals) 密封材料

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

(Cracking Pressure) 开启压力

A 4 psi (0,3 bar)
B 15 psi (1 bar)
C 30 psi (2 bar)
D 50 psi (3,5 bar)
E 75 psi (5 bar)
F 100 psi (7 bar)