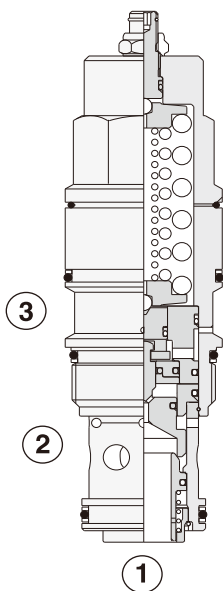


ZY-CA*A-LHN 抗衡阀 (透大气)
ZY-CA*A-LHN Counterbalance valve (Large ventilation)
描述 DESCRIPTION:

三通口, 锥阀, 控制弹簧主腔内部回油, 螺纹插装式。

Three-way port, poppet valve, control spring main chamber internal oil return, threaded cartridge type.


工作原理 OPERATION:

ZY-CA*A-LHN 单向功能: 允许油液由②流向①, 当①的压力小于弹簧设定值时, 截止①流向②;

溢流功能: 当①的压力大于弹簧设定值时, ①到②为溢流功能。

液控节流功能: 在端口③有控制压力时, 控制③的压力可以改变①到②的开口大小, 从达到节流功能。

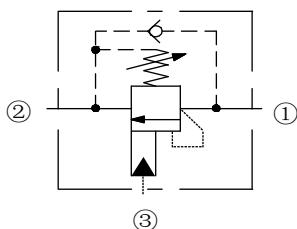
The **ZY-CA*A-LHN** One-way function: allow the oil flow from ② to ①, when the pressure of ① is less than the spring set value, the cut-off ① Flow to ②;

Overflow function: when the pressure of ① is greater than the spring set value, ① to ② for overflow function.

Liquid control throttling function: when the port ③ has control pressure, control ③ pressure can be changed from ① to ② The size of the opening from which the throttling function is achieved.

机能符号 SYMBOLS:

ISO:


特点 FEATURES:

- 最大设定压力是最大负载产生压力的 1.3 倍
- 通口②的背压需在设定压力内
- 复位压力应大于设定压力的 85%

- The maximum set pressure is 1.3 times the pressure generated by the maximum load
- The back pressure of the vent ② should be within the set pressure
- The reset pressure should be greater than 85% of the set pressure

特性 RATINGS:

流量: 参见性能图。

内部泄漏: 复位时最大为 0.4ml/min。复位压高于设定压的 85%。出厂设定压力流量为 32.8ml/min 时设定的。

控制比: 3:1 最大设定压应为最大负载压的 1.3 倍。

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

Flow : See Performance Chart;

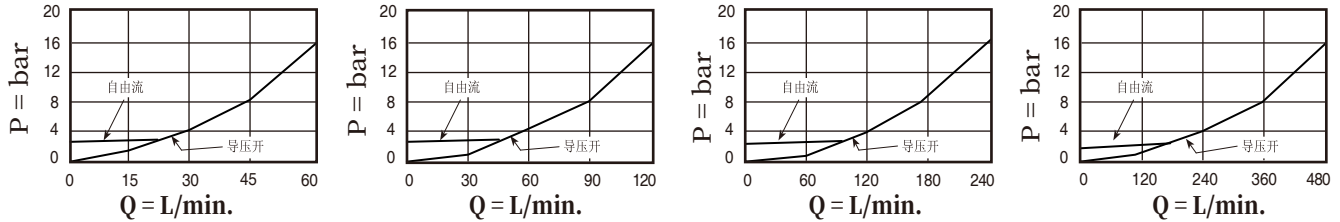
Internal Leakage: The maximum value is 0.4ml/min when reset. The reset pressure is 85% higher than the set pressure. The factory setting pressure flow is 32.8ml/min.

Control ratio: 3:1 The maximum set pressure should be 1.3 times the maximum load pressure.

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);

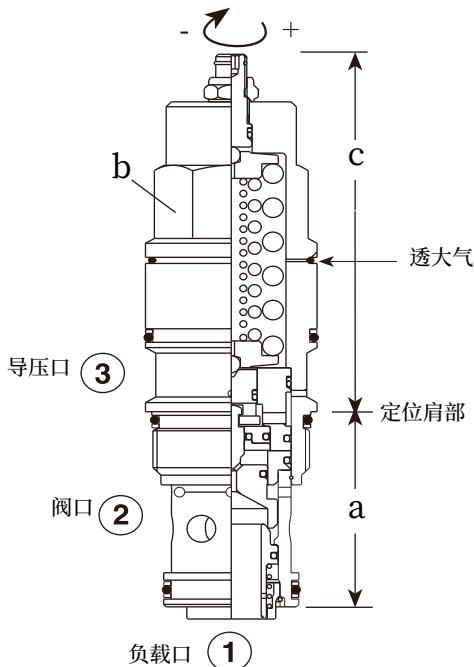
流量Flow	型号Model	插孔Cavity	安装扭矩 Mounting torque
60 L/min	ZY-CACA-LHN	ZY-T-11A	40/50 Nm
120 L/min	ZY-CAEA-LHN	ZY-T-2A	60/70 Nm
240 L/min	ZY-CAGA-LHN	ZY-T-17A	200/215 Nm
480 L/min	ZY-CAIA-LAN	ZY-T-19A	465/500 Nm

性能图 PERFORMANCE: (Cartridge Only)
自由流和导压开压损


- 当 CA*A, CA*K 的设定压在 280bar 时能承受的负载压为 210bar;
- 当 CA*G, CA*L 的设定压在 420bar 时能承受的负载压为 320bar.
- 复位时最大内漏量 = 0,4 cc/min.
- 复位压高于设定压的 85% $Q = L/min.$
- 出厂设定压是流量为 32,8 cc/min 时设定的.
- 止回阀开阀压 = 2,8 bar
- 抗衡阀的最大设定压应为最大负载感应压的 1.3 倍

尺寸 DIMENSIONS:
订购型号 TO ORDER:

顺时针方向旋转螺杆减少设定压以至卸载 全调 4转



插式阀尺寸

a	b	L	C
34,9	22,2	74	81
34,9	28,6	84	90
46	31,8	96	101
63,5	41,3	117	126

出厂设定压:
H 标准设定压 210 bar. I 标准设定压 70 bar.
F 标准设定压 140 bar. G 标准设定压 280 bar.
客户可指定设定压.

Factory setting pressure:
H standard setting pressure 210 bar. I standard setting pressure 70 bar.
F standard setting pressure 140 bar. G standard setting pressure 280 bar.
Customer can specify the setting pressure.

ZY-CA
(FLOW) 流量

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

(Conductance ratio)
导压比

3:1	A
5:1	G
1:1	K
2:1	L

(Controls)控制方式

Standard Screw Adjustment
螺杆
Nonstandard Controls
非标准控制件
Factory Set amper Resistant
防调

(Seals)密封材料

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

(ADJUSTMENT RANGES)
调压范围

(Suitable for conductivity ratio A and K)
适合导压比 A和K

H 70 - 280 bar
210 bar Standard Setting
I 25 - 105 bar
70 bar Standard Setting

(Suitable for conductivity ratio G and L)
适合导压比 G和L

F 70 - 280 bar
140 bar Standard Setting
G 25 - 105 bar
280 bar Standard Setting