LLOFC

逻辑阀

说明 DESCRIPTION

A cartridge-style pilot-to-close, spring biased closed,unbalanced poppet Logic element
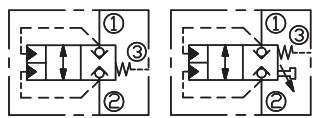
先导关闭，弹簧偏置关闭，非平衡锥阀 逻辑单元

工作 OPERATION

These unbalanced, pilot-to-close logic valves are 2-way switching elements that are spring biased closed. Pressure at either work port ① or ② will oppose the spring and tend to open the valve while pressure at port ③ will tend to close it. The force generated at port ③, plus the spring force, must be greater than the sum of the forces acting at port ① and port ② for the valve to remain closed.

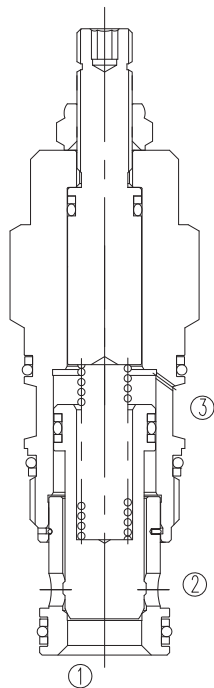NOTE: The pilot area (port ③) is 1.8 times the area at port ① and 2.25 times the area at port ②.

此类非平衡，先导关闭逻辑阀为二通开关单元且在弹簧偏置下处于关闭状态。工作①口或者②口压力将抵消弹簧力使阀开启而③口的压力会使阀关闭。③口产生的作用力加上弹簧力必须比①口和②口产生的作用力之和大，阀才能保持关闭状态。注意：先导面积（③口）是①口作用面积的 1.8 倍且为②口作用面积的 2.25 倍。
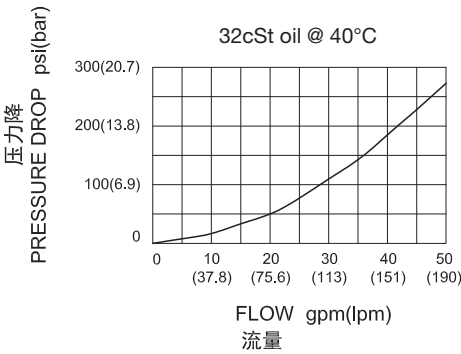
SYMBOL

技术参数 SPECIFICATIONS

最大工作压力(Max.Operating Pressure):	350bar
流量(Capacity):	See PRESSURE DROP VS.FLOW graph.
内泄漏(Internal Leakage):	10 drops/min(滴/分)
温度(Temperature):	-40°F to +250°F(-40°C to +120°C)
过滤(Filtration):	See page (参见) N-1
油液(Fluids):	Mineral-based fluids with viscosities of 7.4 to 420 cSt.(矿物油粘度)
插孔(Cavity):	SUN T-2A, See page M-6
阀块材料(Body Material):	
	Steel & Ductile iron rated to 350bar 钢和球铁允许使用最大压力350Bar

压力－流量曲线 PRESSURE DROP VS.FLOW

32cSt oil @ 40°C

克泰液压产品样本 2018 年 9 月

订货代号 TO ORDER

LLO F C – * * * – * *

1   2 3   4 5 6   7

---

1 **功能**
LLO= 非平衡锥阀逻辑单元
Unbalanced Poppet Logic Element

2 **流量 Capacity**
F=200L/min

3 **导压口**
C= 油口③为导压口

4 **控制方式 Control**
X= 标准导压 Standard Pilot
L= 行程调节 Stroke Adjustment

5 **开启压力 Cracking Pressure**
D=50psi(3.5bar)

6 **油封 Seal**
N= 丁晴橡胶　Buna N
V= 氟橡胶　　Viton

7 **阀块油口 Body Porting**
空白 Blank= 不带阀块 None
8T=SAE 8
10T=SAE 10
3G=G 3/8
4G=G 1/2

※ 阀块详见章节K-23－K-24
其它螺纹油口也是可选择的
Other Porting is Available

安装尺寸 INSTALLATION DIMENSIONS

Unit=Millimeters

(4)HEX ALLEN HEAD

(9/16")HEX
调节螺母最大扭矩12Nm
Adjustment Nut Torque Max. 12Nm

(28.6)HEX
安装扭矩TORQUE
60-70Nm

定位肩部
LOCATING
SHOULDER

75.1

34.9[标准型]

35.2

①　②　③