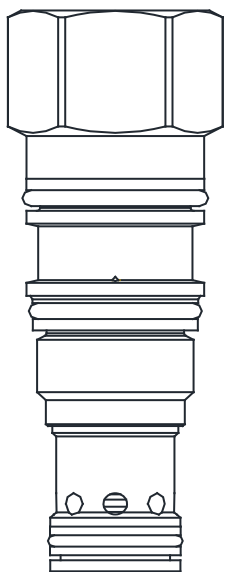


## ZY-LR\*C-XHN 常闭，调节单元 ZY-LR\*C-XHN Normally closed, modulating element



### 描述 DESCRIPTION:

螺纹插装式、阀芯型液控方向元件；与其它方向、压力、流量控制元件配合使用时可以实现多种功能。

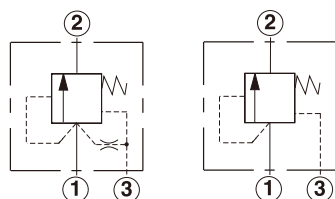
A spool-type, screw-in, cartridge-style, hydraulic directional element, with multi function potential when used with other directional, pressure, or flow control devices.

### 工作原理 OPERATION:

**ZY-LR\*C-XHN** 此阀为无内置节流孔的常闭调节单元, 用来作为旁路压力补偿器以确保流过节流孔的压降保持恒定, 不受进出口压力变化影响。

The **ZY-LR\*C-XHN** Normally closed modulating elements without an internal orifice act as a bypass compensator to maintain a constant pressure drop across an orifice, regardless of variations in upstream or downstream pressure.

### 机能符号 SYMBOLS:



**ZY-LR\*A**

**ZY-LR\*C**

### 特性 RATINGS:

**最大操作压力:** 350 bar(5000 psi)

**通流能力:** 7.5 gpm (30 L/min)

**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

**Maximum Operating Pressure:** 350 bar(5000 psi)

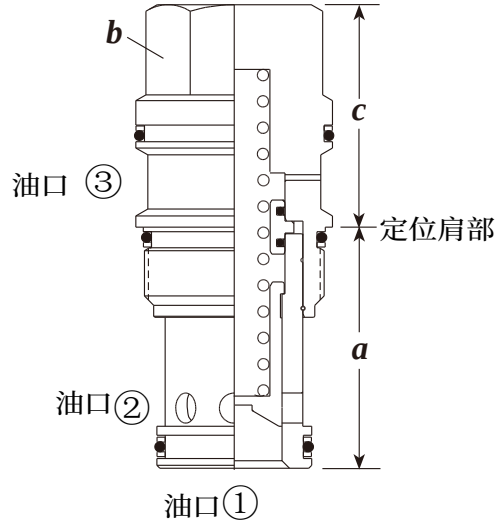
**Capacity:** 30 L/min (7.5 gpm)

**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 |
|-----------|-------------|-----------|----------------------|
| 30 L/min  | ZY-LRBC-XHN | ZY-T-163A | 35/40 Nm             |
| 60 L/min  | ZY-LRDC-XHN | ZY-T-11A  | 40/50 Nm             |
| 120 L/min | ZY-LRFC-XHN | ZY-T-2A   | 60/70 Nm             |
| 240 L/min | ZY-LRHC-XHN | ZY-T-17A  | 200/215 Nm           |
| 480 L/min | ZY-LRJC-XHN | ZY-T-19A  | 465/500 Nm           |

## 尺寸 DIMENSIONS:



插式阀尺寸

| a    | b    | c   |    |
|------|------|-----|----|
|      |      | L   | X  |
| 31   | 19.1 | 65  | 32 |
| 34.9 | 22.2 | 64  | 31 |
| 34.9 | 28.6 | 72  | 35 |
| 46   | 31.8 | 84  | 46 |
| 63.8 | 41.3 | 100 | 59 |

## 特点 FEATURES:

- 一个可选的调节 (L控制) 被提供用来改变通过补偿器的压降, 以此来增加或减少流量。
- 所有端口都可以接受5000 psi (350 bar) 的压力。
- A tuning adjustment (models configured with an L control) is available to vary the pressure drop across the compensator to increase/decrease flow within +/-25% of setting.
- All ports will accept 5000 psi (350 bar).

## 订购型号 TO ORDER:

**ZY-LR**

### (FLOW) 流量

30 L/min. **B**  
 60 L/min. **D**  
 120 L/min. **F**  
 240 L/min. **H**  
 480 L/min. **J**

### (Pressure guide type )

#### 导压型式

(内部导压)油口1通油口3 **A**  
 (外部导压)旁通压不元件 **C**

### (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

**D** 50 psi (3,5 bar)  
**F** 100 psi (7 bar)  
**H** 200 psi (14 bar)