

## 直动式溢流阀 Directly Relief Valves

型号Model: JRD06-11

## 描述Description

螺纹插装、直动型、座阀式溢流阀，用作限压装置以保护液压回路。  
Threaded plug-in, direct-acting and seat-valve overflow valve is used as a pressure limiting device to protect the hydraulic circuit.

## 工作原理Operation

当P口压力未达到弹簧设定压力的80%时，P到T不通，超过80%并压力继续升高时，P到T开始溢流，至弹簧的最高设定压力。

When the pressure at the P-port does not reach 80% of the set pressure of the spring, P-to-T is blocked; when it exceeds 80% and the pressure continues to rise, P-to-T begins to overflow to the highest set pressure of the spring.

## 特点Features

- 调节器确保弹簧不会被压实。
  - 可选的可选压力范围达299bar (4336psi)。
  - 阀芯和阀套硬质处理、耐用。
  - 压力变化响应快。
  - 工业常规阀孔。
- The regulator ensures that the spring will not be compacted.
  - Optional optional pressure range up to 299bar(4336psi).
  - The valve core and valve sleeve are hard to handle and durable.
  - Fast response to pressure change.
  - Industrial conventional valve hole.

## 技术参数Specifications

最高工作压力: 400bar (5800psi)

流量: 参见性能曲线

内泄漏量: 在75%的开启压力下, 泄漏量 $\leq 10\text{mL/min}$

开启压力定义: 当流量达到公称流量的2.5%时的压力测量值bar

闭合压力: 开启压力的90%

过滤精度:  $25\mu\text{m}$

使用温度:  $-40^{\circ}\text{C} \sim 120^{\circ}\text{C}$  (标准丁腈橡胶)

$-26^{\circ}\text{C} \sim 204^{\circ}\text{C}$  (氟橡胶)

介质: 粘度介于 $7.4 \sim 420\text{cSt}$  (50-2000) ssu的矿物油或具有润滑作用的合成油

标准压力范围: 101 ~ 175bar (1465 ~ 2538psi)

250 ~ 320bar (3625 ~ 4640psi)

320 ~ 400bar (4640 ~ 5800psi)

Max. Working Pressure: 400bar (5800psi)

Flow: See performance curve.

Internal leakage: Under the opening pressure of 75%, the leakage is  $\leq 10\text{mL/min}$ .  
Opening Pressure Definition: Pressure measurement when the flow reaches 2.5% of the nominal flow.

Closing Pressure: 90% of opening pressure

Filtering Accuracy:  $25\mu\text{m}$ .

Service Temperature:  $-40^{\circ}\text{C} \sim 120^{\circ}\text{C}$  (NBR),  $-26^{\circ}\text{C} \sim 204^{\circ}\text{C}$  (FKM)

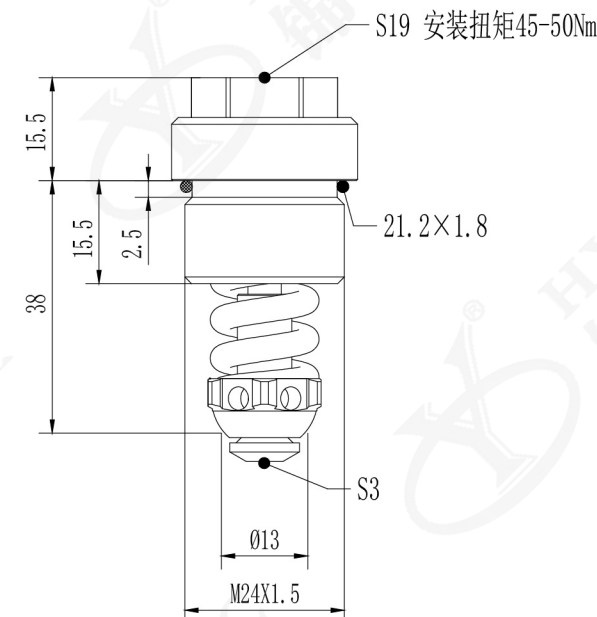
Medium: Mineral oil with viscosity of  $7.4 \sim 420\text{CST}$  (50-2000) ssu or synthetic oil with lubricating function.

Standard Pressure Range: 101 ~ 175bar (1465 ~ 2538psi)

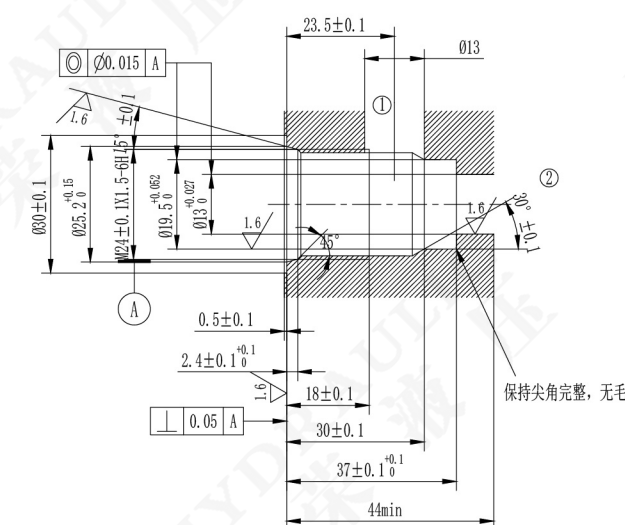
250 ~ 320bar (3625 ~ 4640psi)

320 ~ 400bar (4640 ~ 5800psi)

## 安装尺寸Dimensions



## 插孔Cavity



## 订购选型To Order

JRD06-11- \* - \* / \*\*\* - \*

1 2 3 4 5

## ① 型号Model

JRD = 直动式溢流阀  
Directly Relief Valves

## ② 调节选件Control

L = 螺杆Screw  
C = 防调Anti-adjustment  
K = 调扭Torque Adjustment  
F = 六角头锁钮  
Hexagon Lock Button  
O = 螺杆封盖Screw Cap

## ③ 弹簧调压范围Spring Ranges

A = 101 ~ 175bar (1465 ~ 2538psi)  
B = 250 ~ 320bar (3625 ~ 4640psi)  
C = 320 ~ 400bar (4640 ~ 5800psi)

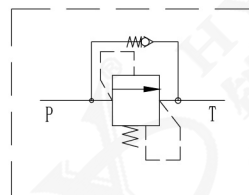
## ④ 调定压力Setting In Bar

可调节或指定压力, 例如:  
190=190bar, 170=170bar  
The pressure can be adjusted or specified, Example:  
190=190bar, 170=170bar

## ⑤ 密封件Seal Kits

N = 丁腈橡胶(NBR)  
V = 氟橡胶(FKM)

## 符号Symbol



## 性能曲线Characteristic

