

## 直动式溢流阀 Directly Relief Valves

### 型号Model: JRD06-03

#### 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.

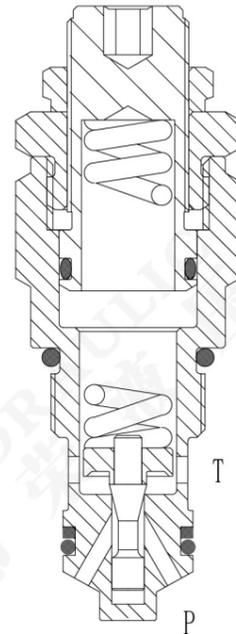
#### 特点Features

- 调节器确保弹簧不会被压实。 · The regulator ensures that the spring will not be compacted.
- 可选的可选压力范围达305bar (4423psi)。 · Optional optional pressure range up to 305bar(4423psi).
- 阀芯和阀套硬质处理、耐用。 · The valve core and valve sleeve are hard to handle and durable.
- 压力变化响应快。 · Fast response to pressure change.
- 工业常规阀孔。 · Industrial conventional valve hole.

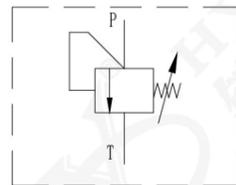
#### 技术参数Specifications

最高工作压力: 315bar (4568psi)  
流量: 参见性能曲线  
内泄漏量: 在75%的开启压力下, 泄漏量 ≤ 3mL/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 μm  
使用温度: -40℃ ~ 120℃ (标准丁腈橡胶) -26℃ ~ 204℃ (氟橡胶)  
介质: 粘度介于7.4 ~ 420cSt (50-2000) ssu的矿物油或具有润滑作用的合成油  
标准压力范围: 10 ~ 50bar (145 ~ 725psi)  
23 ~ 94bar (334 ~ 1363psi)  
70 ~ 180bar (1015 ~ 2610psi)  
160 ~ 315bar (2320 ~ 4568psi)

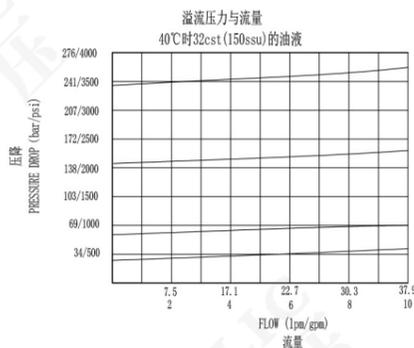
Max. Working Pressure: 315bar (4568psi)  
Flow: See performance curve.  
Internal leakage: Under the opening pressure of 75%, the leakage is ≤ 3mL/min.  
Opening Pressure Definition: Pressure measurement when the flow reaches 2.5% of the nominal flow.  
Closing Pressure: 90% of opening pressure  
Filtering Accuracy: 25 μm.  
Service Temperature: -40℃ ~ 120℃ (NBR), -26℃ ~ 204℃ (FKM)  
Medium: Mineral oil with viscosity of 7.4 ~ 420 CST (50-2000) ssu or synthetic oil with lubricating function.  
Standard Pressure Range: 10 ~ 50bar (145 ~ 725psi)  
23 ~ 94bar (334 ~ 1363psi)  
70 ~ 180bar (1015 ~ 2610psi)  
160 ~ 315bar (2320 ~ 4568psi)



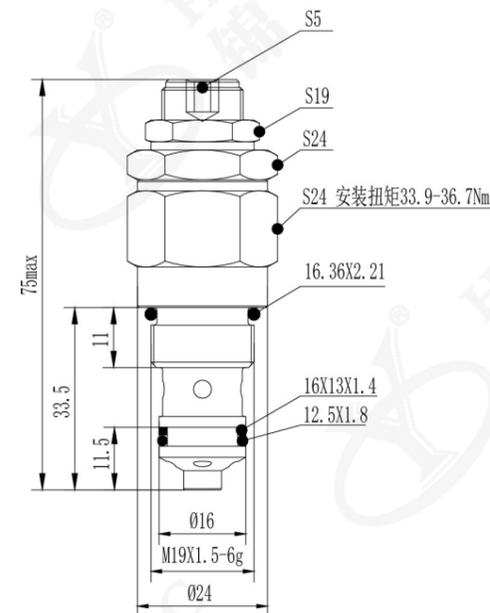
#### 符号Symbol



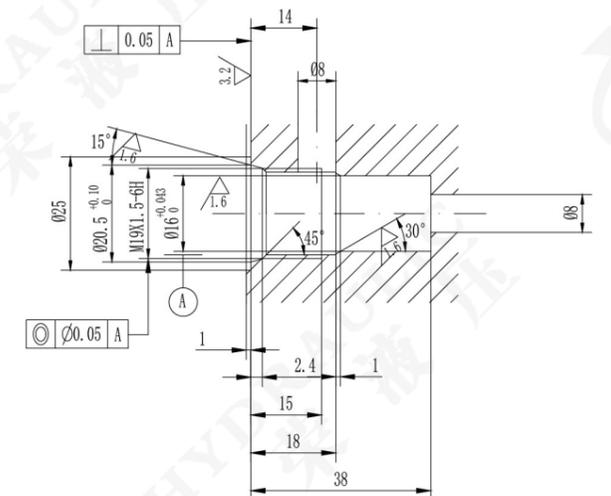
#### 性能曲线Characteristic



#### 安装尺寸Dimensions



#### 插孔Cavity



#### 订购选型To Order

**JRD06-03- \* - \* / \*\*\* - \***

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 = 10 ~ 50bar (145 ~ 725psi)  
B = 23 ~ 94bar (333.5 ~ 1363psi)  
C = 70 ~ 180bar (1015 ~ 2610psi)  
D = 160 ~ 315bar (2320 ~ 4568psi)
- 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)