

直动式溢流阀 Directly Relief Valves

型号Model: JRD15-01

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230bar (3335psi)。
 - 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 230bar(3335psi).
 - The valve core and valve sleeve are hard to handle and durable.
 - Fast response to pressure change.
 - Industrial conventional valve hole.

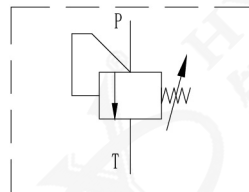
技术参数Specifications

最高工作压力: 240bar (3480psi)
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: 10 ~ 50bar (145 ~ 725psi)

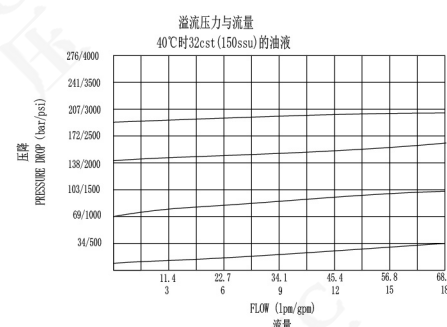
55 ~ 120bar (798 ~ 1740psi)
100 ~ 180bar (1450 ~ 2610psi)
160 ~ 240bar (2320 ~ 3480psi)

Max.Working Pressure:240bar (3480psi)
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:10 ~ 50bar (145 ~ 725psi)
55 ~ 120bar (798 ~ 1740psi)
100 ~ 180bar (1450 ~ 2610psi)
160 ~ 240bar (2320 ~ 3480psi)

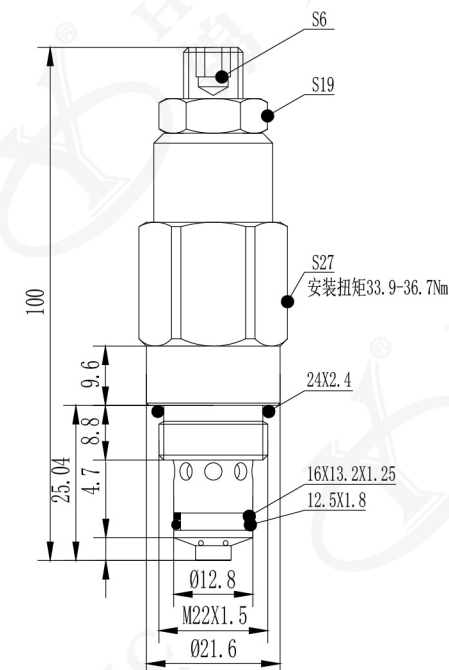
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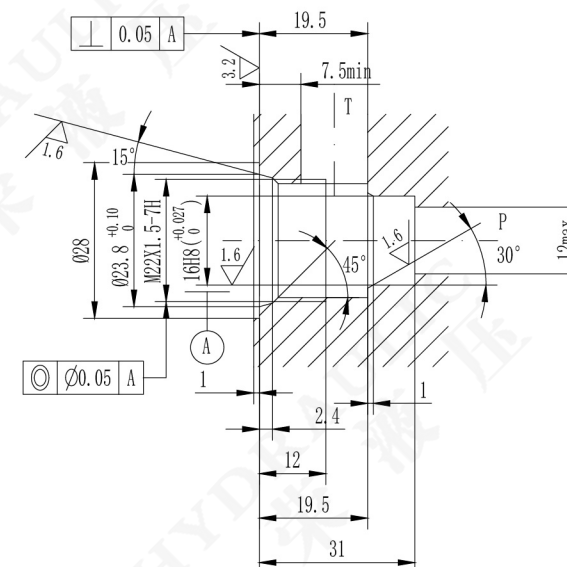
性能曲线Characteristic



安装尺寸Dimensions



插孔Cavity



订购选型To Order

JRD15-01- * - * / *** - *

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- 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 = 55 ~ 120bar (798 ~ 1740psi)
C = 100 ~ 180bar (1450 ~ 2610psi)
D = 160 ~ 240bar (2320 ~ 3480psi)
- 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)