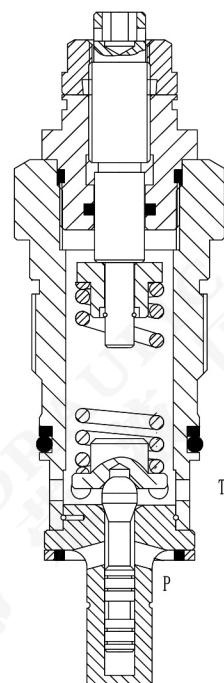


直动式溢流阀 Directly Relief Valves

型号Model: JRD10-03



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

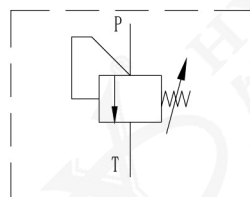
当P口压力未达到弹簧设定压力的80%时，P到T不通，超过80%并压力继续升高时，P到T开始溢流，至弹簧的最高设定压力。

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。
 - 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.

符号Symbol

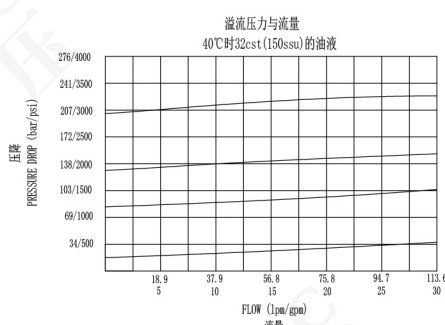


技术参数 Specifications

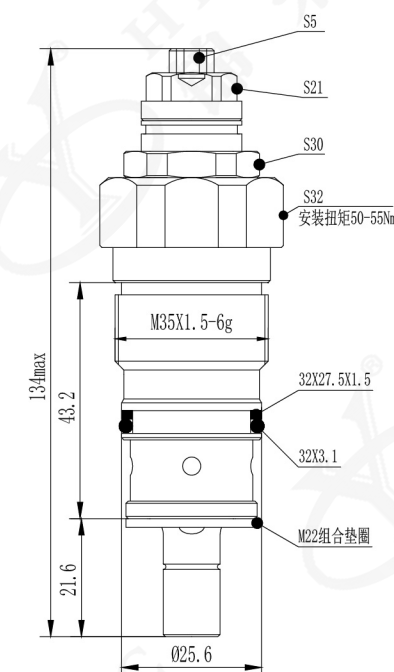
最高工作压力：240bar（3480psi）
流量：参见性能曲线
内泄漏量：在75%的开启压力下，泄漏量 $\leq 10\text{mL/min}$
开启压力定义：当流量达到公称流量的2.5%时的压力测量值bar
闭合压力：开启压力的90%
过滤精度：25 μm
使用温度：-40℃~120℃（标准丁腈橡胶） -26℃~204℃（氟橡胶）
介质：粘度介于7.4~420cSt（50~2000）ssu的矿物油或具有润滑作用的合成油
标准压力范围：10~50bar（145~725psi）

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

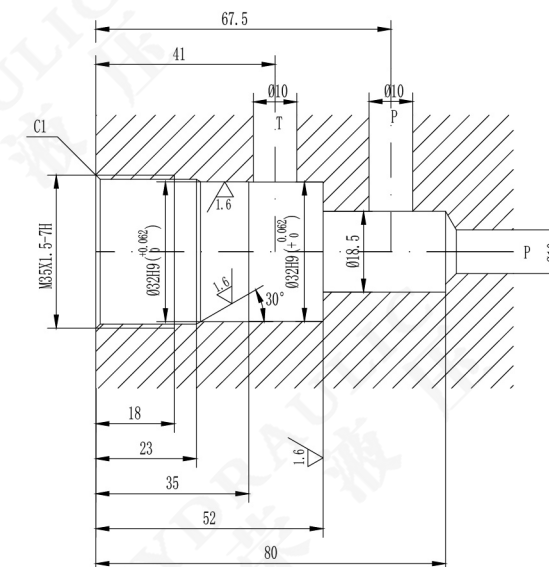
Max. Working Pressure: 240bar (3480psi)
Flow: See performance curve.
Internal leakage: Under the opening pressure of 75%, the leakage is $\leq 10\text{mL/min}$.
Opening Pressure Definition: Pressure measurement when the flow reaches 2.5% of the nominal flow.
Closing Pressure: 90% of opening pressure
Filtering Accuracy: $25\text{ }\mu\text{m}$.
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 ~ 420 CST (50~2000) ssu or synthetic oil with lubricating function.
Standard Pressure Range: 10 ~ 50bar (145 ~ 725psi)
55 ~ 120bar (798 ~ 1740psi)
100 ~ 160bar (1450 ~ 2320psi)
160 ~ 240bar (2320 ~ 3480psi)



安装尺寸Dimensions



插孔Cavity



订购选型To Order

JRD10-03- * - * / * - ***

1 2 3 4 5

- | | | |
|---|--|--|
| <p>① 型号Model
JRD = 直动式溢流阀
Directly Relief Valves</p> <p>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</p> | <p>③ 弹簧调压范围Spring Ranges
A = 10~50bar (145~725psi)
B = 55~120bar (798~1740psi)
C = 100~160bar (1450~2320psi)
D = 160~240bar (2320~3480psi)</p> <p>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</p> | <p>⑤ 密封件Seal Kits
N = 丁腈橡胶(NBR)
V = 氟橡胶(FKM)</p> |
|---|--|--|