

直动式溢流阀 Directly Relief Valves
型号Model: JRD04-03

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.

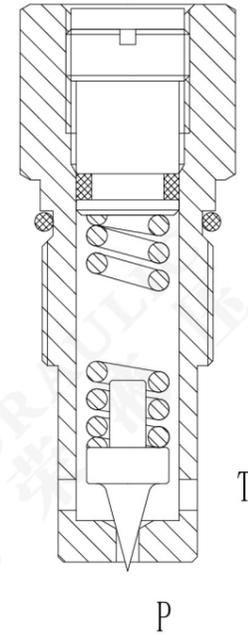
特点Features

- 调节器确保弹簧不会被压实。
- 可选的可选压力范围达305bar (4423psi)。
- 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 305bar(4423psi).
- The valve core and valve sleeve are hard to handle and durable.
- Fast response to pressure change.
- Industrial conventional valve hole.

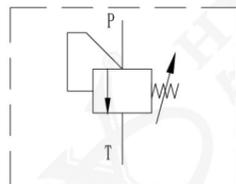
技术参数Specifications

最高工作压力: 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)

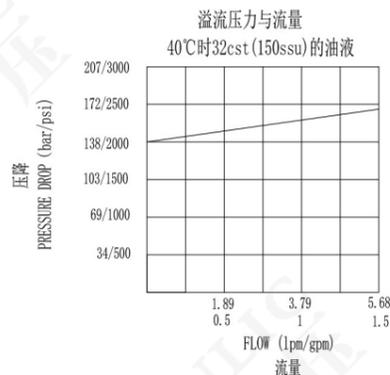
Max. Working Pressure: 315bar (4568psi)
Flow: See performance curve.
Internal leakage: Under the opening pressure of 75%, the leakage is ≤ 3mL/min.
Opening Pressure Definition: Pressure measurement when the flow reaches 2.5% of the nominal flow.
Closing Pressure: 90% of opening pressure
Filtering Accuracy: 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 ~ 50 bar (145 ~ 725 psi)
23 ~ 94 bar (334 ~ 1363 psi)
70 ~ 180 bar (1015 ~ 2610 psi)
160 ~ 315 bar (2320 ~ 4568 psi)



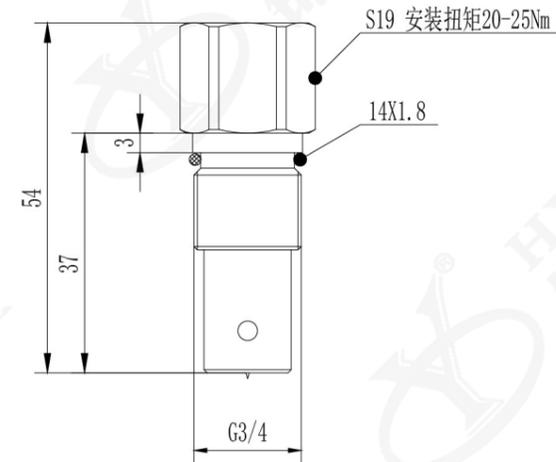
符号Symbol



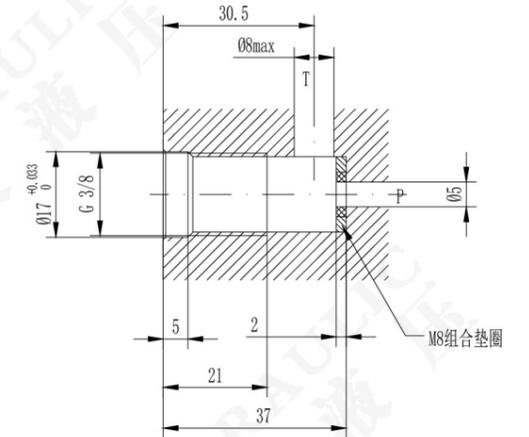
性能曲线Characteristic



安装尺寸Dimensions



插孔Cavity



订购选型To Order

JRD04-03- * - * / *** - *

- 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 (334~1363psi)
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)