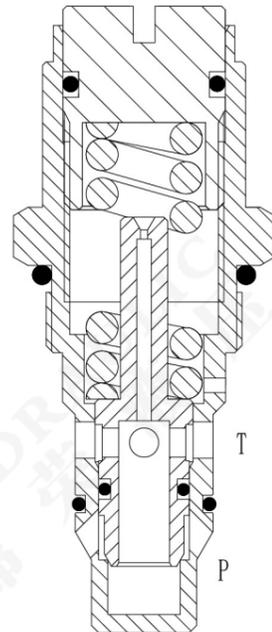


直动式溢流阀 Directly Relief Valves
型号Model: JRD10-01



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.

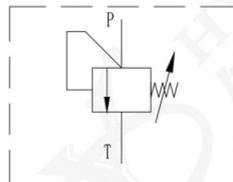
工作原理Operation

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.

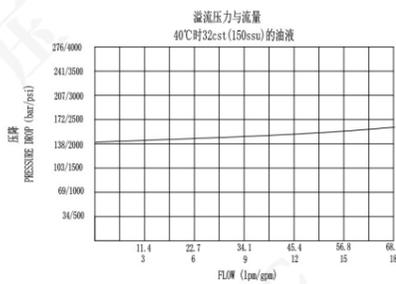
特点Features

- 调节器确保弹簧不会被压实。 The regulator ensures that the spring will not be compacted.
- 可选的可选压力范围达60bar (870psi)。 Optional optional pressure range up to 60bar(870psi).
- 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.

符号Symbol



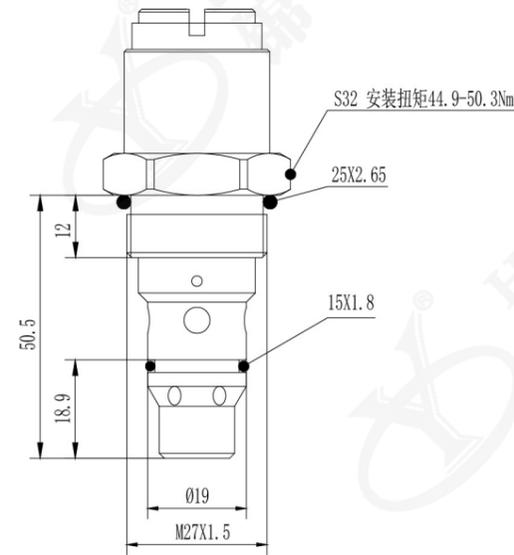
性能曲线Characteristic



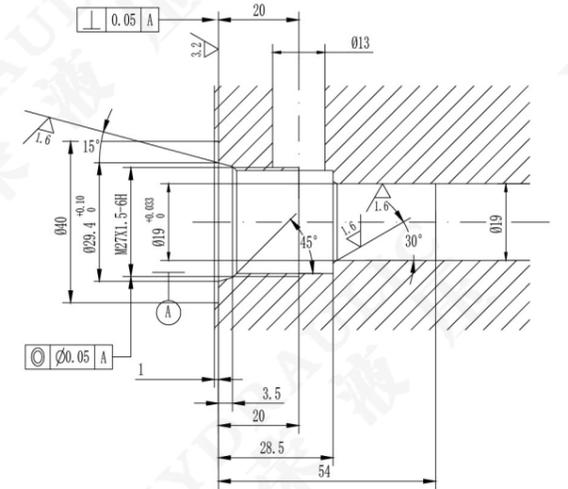
技术参数Specifications

最高工作压力: 250bar (3625psi)
流量: 参见性能曲线
内泄漏量: 在75%的开启压力下, 泄漏量 ≤ 10mL/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°C ~ 120°C (标准丁腈橡胶)
-26°C ~ 204°C (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: 120 ~ 180bar (1740 ~ 2610psi)
Max.Working Pressure:250bar (3625psi)
Flow:See performance curve.
Internal leakage:Under the opening pressure of 75%, the leakage is ≤ 10mL/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°C~120°C(NBR),-26°C~204°C(FKM)
Medium:Mineral oil with viscosity of 7.4 ~ 420 CST (50-2000) ssu or synthetic oil with lubricating function.
Standard Pressure Range:120 ~ 180bar (1740 ~ 2610psi)

安装尺寸Dimensions



插孔Cavity



订购选型To Order

JRD10-01- * - * / *** - *

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 = 120 ~ 180bar
(1740 ~ 2610psi)
- 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)