

先导式单向溢流阀 Pilot Type One-Way Relief Valves  
型号Model: JRPC20-10

描述Description

螺纹插装先导式单向溢流阀，作为压力限制装置用于要求快速响应、低滞后的液压回路。

Threaded plug-in pilot-operated one-way relief valve is used as a pressure limiting device for hydraulic circuits requiring quick response and low lag.

工作原理Operation

当P口压力未达到弹簧设定压力的90%时，P到T不通，超过90%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。

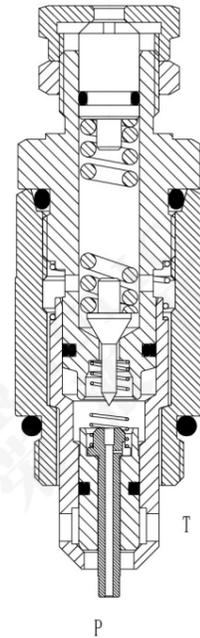
When the pressure at the P-port does not reach 90% of the set pressure of the spring, P-to-T is blocked; when it exceeds 90% and the pressure continues to rise, P-to-T begins to overflow to the highest set pressure of the spring.

特点Features

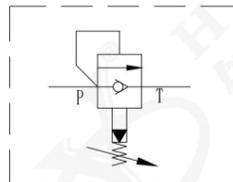
- 调节器确保弹簧不会被压实。
- 可选的可选压力范围达155bar (2248psi)。
- 阀芯和阀套硬质处理、耐用。
- 工业常规阀孔。
- 快速、平滑响应压力变化。
- The regulator ensures that the spring will not be compacted
- Optional optional pressure range up to 155bar(2248psi).
- The valve core and valve sleeve are hard to handle and durable.
- Industrial conventional valve hole.
- Respond to pressure changes quickly and smoothly.

技术参数Specifications

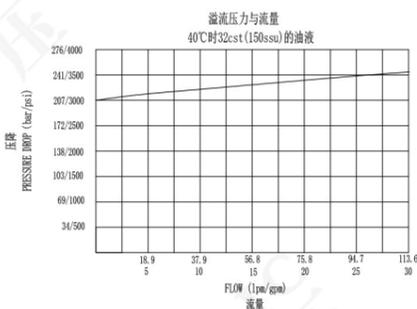
最高工作压力: 315bar (4568psi)。  
流量: 参见性能曲线  
内泄漏量: 在75%的开启压力下, 泄漏量 ≤ 3mL/min  
开启压力定义: 当流量达到公称流量的2.5%时的压力测量值bar  
闭合压力: 开启压力的90%  
反向开启压力: ≤ 2bar (29psi)  
过滤精度: 25 μm  
使用温度: -40℃ ~ 120℃ (标准丁腈橡胶)  
-26℃ ~ 204℃ (氟橡胶)  
介质: 粘度介于7.4 ~ 420cSt (50~2000) ssu的矿物油或具有润滑作用的合成油  
标准压力范围: 160 ~ 315bar (2320 ~ 4568psi)  
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  
Reverse Opening Pressure: ≤2bar(29psi)  
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:160 ~ 315bar (2320 ~ 4568psi)



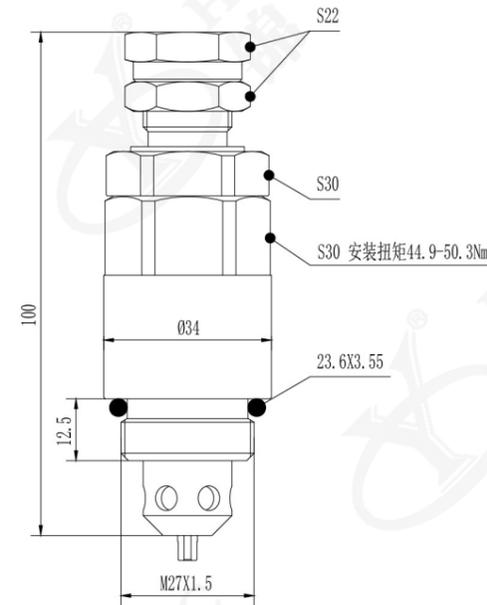
符号Symbol



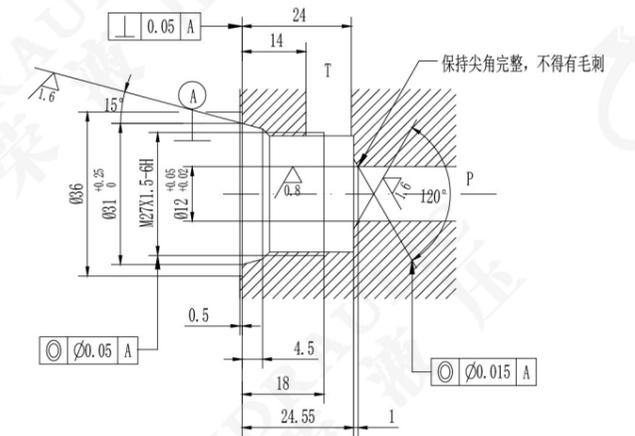
性能曲线Characteristic



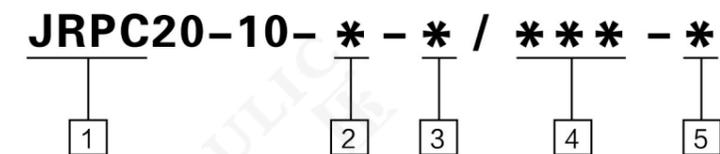
安装尺寸Dimensions



插孔Cavity



订购选型To Order



- 1 型号Model  
JRPC = 先导式单向溢流阀  
Pilot Type One-Way 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 = 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)