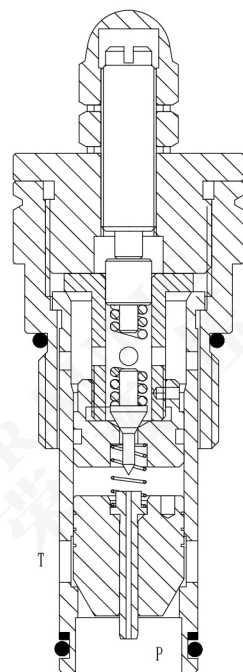


先导式单向溢流阀 Pilot Type One-Way Relief Valves
型号Model: JRPC32-01



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100bar (1450psi)。
 - 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 100bar(1450psi).
 - 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 $\leq 3\text{mL/min}$

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%

反向开启压力: $\leq 2\text{bar}$ (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: 110~210bar (1595~3045psi)

Max.Working Pressure:315bar (4568psi)

Flow: See performance curve.

Internal leakage: Under the opening pressure of 75%, the leakage is $\leq 3\text{mL/min}$.

Opening Pressure Definition: Pressure measurement when the flow reaches 2.5% of the nominal flow.

Closing Pressure:90% of opening pressure

Reverse Opening Pressure: $\leq 2\text{bar}(29\text{psi})$

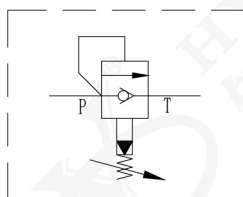
Filtering Accuracy: 25 μ m.

Service Temperature: -40°C~120°C(NBR), -26°C~204°C(FKM)

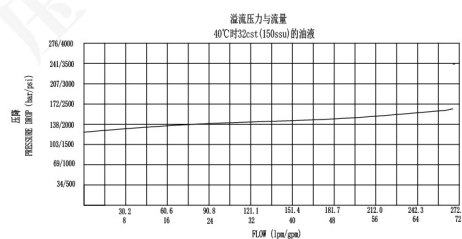
Medium: Mineral oil with viscosity of 7.4 ~ 420 CST (50~2000) ssu or synthetic oil with lubricating function.

Standard Pressure Range:110 ~ 210bar (1595 ~3045psi)

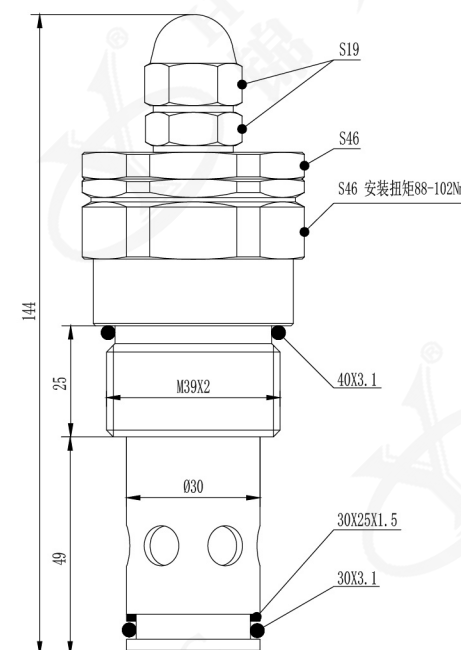
符号Symbol



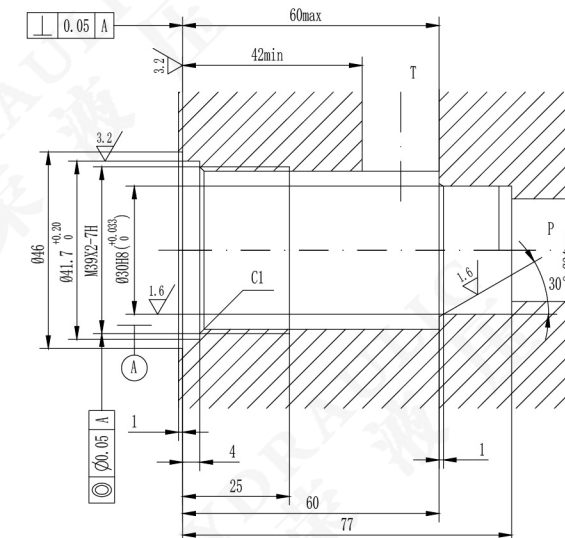
性能曲线Characteristic



安装尺寸Dimensions



插孔Cavity



订购选型To Order

JRPC32-01- * - * / * - ***

1 2 3 4 5

- 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 = 110~210bar
(1595~3045psi)
- 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)