

先导式单向溢流阀 Pilot Type One-Way Relief Valves 型号Model: JRPC20-12

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.

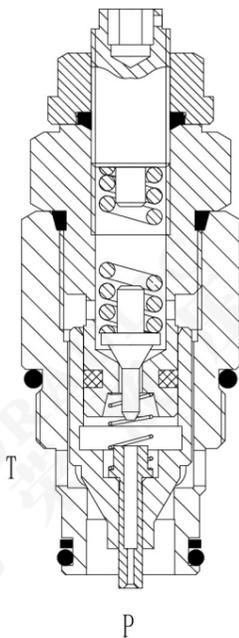
特点Features

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

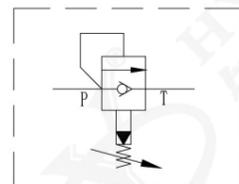
技术参数Specifications

- 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 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%
- 反向开启压力: \leq 2bar (29psi)
- 过滤精度: 25 μ m
- 使用温度: -40 $^{\circ}$ C ~ 120 $^{\circ}$ C (标准丁腈橡胶) -26 $^{\circ}$ C ~ 204 $^{\circ}$ 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: 10~60bar (145~870psi)
- 55~130bar (798~1885psi)
- 110~210bar (1595~3045psi)
- 160~315bar (2320~4568psi)

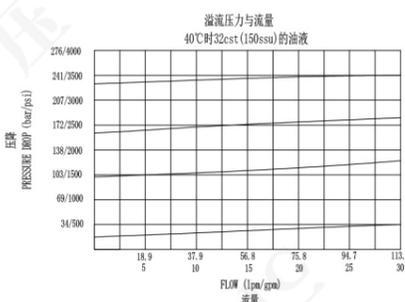
Max.Working Pressure:315bar (4568psi)
Flow:See performance curve.
Internal leakage:Under the opening pressure of 75%, the leakage is \leq 10mL/min.
Opening Pressure Definition:Pressure measurement when the flow reaches 2.5% of the nominal flow.
Closing Pressure:90% of opening pressure
Reverse Opening Pressure: \leq 2bar(29psi)
Filtering Accuracy:25 μ m.
Service Temperature:-40 $^{\circ}$ C~120 $^{\circ}$ C(NBR),-26 $^{\circ}$ C~204 $^{\circ}$ 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 ~ 60bar (145 ~ 870psi)
55 ~ 130bar (798 ~ 1885psi)
110 ~ 210bar (1595 ~ 3045psi)
160 ~ 315bar (2320 ~ 4568psi)



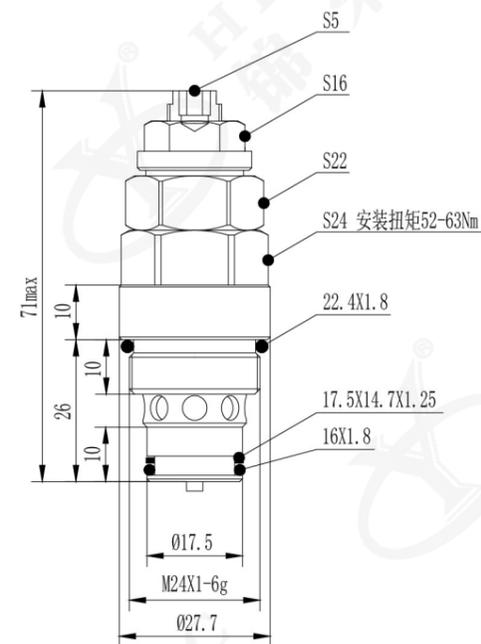
符号Symbol



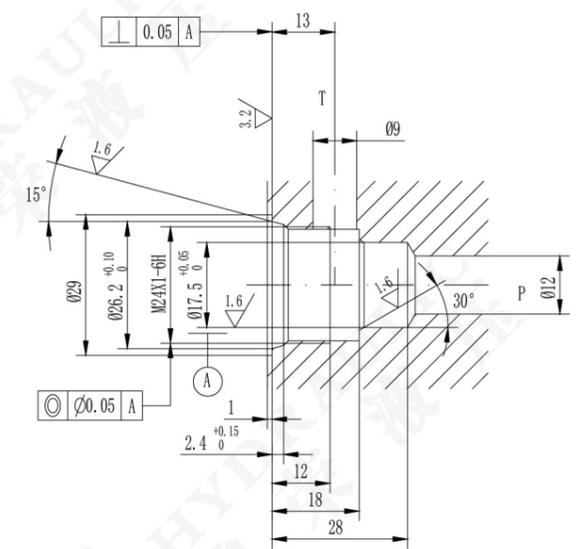
性能曲线Characteristic



安装尺寸Dimensions



插孔Cavity



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JRPC20-12- * - * / *** - *

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 = 10~60bar (145~870psi)
B = 55~130bar (798~1885psi)
C = 110~210bar (1595~3045psi)
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)