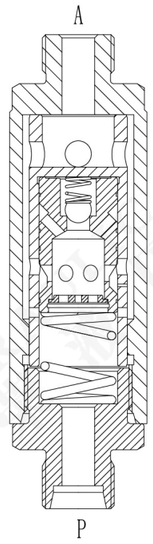
限速阀 Speed Limiting Valves
型号Model：JXSF15-01



描述Description

结构紧凑，工作可靠，广泛用于叉车门架下降液压系统，可限制门架的下降速度，保证液压系统平稳运行。

Compact structure, reliable operation, widely used in forklift gantry descending hydraulic system, which can limit the descending speed of gantry and ensure the smooth operation of hydraulic system.

工作原理Operation

正向过油直通，反向过油节流，并通过内部负载反馈系统，自动调节阀芯的开口量，实现反向节流稳定恒流作用。

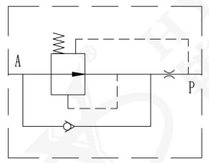
Through the forward oil flow, through the reverse oil flow and throttling, and through the internal load feedback system, the opening of the valve core is automatically adjusted, so as to realize the function of stabilizing the constant current by reverse throttling.

特点Features

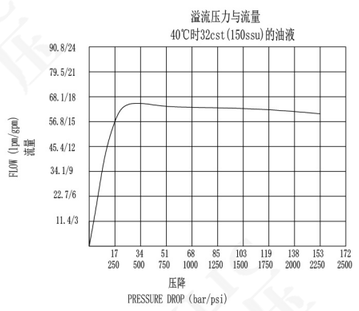
- 正向直流：压力损失小
- 反向恒流：反向节流，通过负载反馈，阀芯自动调节，实现输出稳定恒流
- 阀体结构：管式结构
- 零件硬质处理、耐用。
- 安静、响应平稳。

- Forward DC: small pressure loss
- Reverse Constant Current: reverse throttling, through load feedback, the valve core is automatically adjusted to realize stable constant current output.
- Valve Body Structure: tubular structure.
- The parts are hard to handle and durable.
- Quiet and stable response.

符号Symbol



性能曲线Characteristic

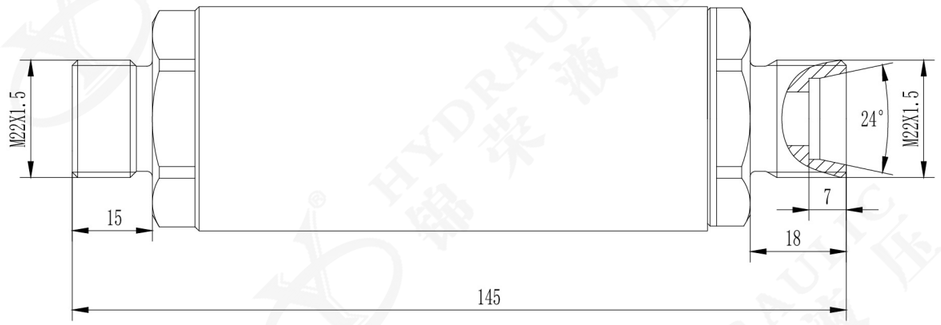


技术参数Specifications

公称压力：200bar（2900psi）
公称流量：65 lpm（17 gpm）
正向压损（P-A）：流量为70 lpm（18gpm）时，＜8bar（116psi）
反向稳态流量（A-P）：60±6 lpm（16±2gpm）
反向空载压损（A-P）：流量为60 lpm（16gpm）时，＜16bar（232psi）
瞬态恢复时间：≤0.2S
过滤精度：25μm
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

Nominal Pressure: 200bar(2900psi)
Nominal Flow: 65 lpm(17 gpm)
Forward Pressure loss (P-A): < 8 bar (116 psi) when the flow rate is 70 lpm(18gpm).
Reverse Steady Flow (A-P): 60±6 LPM (16±2 GPM)
Reverse No-load Pressure Loss (A-P): < 16 bar (232 psi) when the flow rate is 60 lpm(16gpm).
Transient Recovery Time: ≤ 0.2s
Filtering Accuracy:25μm.
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.

安装尺寸Dimensions



订购选型To Order

JXSF15-01

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1 型号Model
JXSF = 限速阀
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