

ZY-RVPO-M24 安全阀和防汽蚀阀

ZY-RVPO-M24 Relief and Anti-cavitation Valves

描述 DESCRIPTION:

阀在一个紧凑的阀芯中结合了安全阀的典型功能和通过止回阀的防空功能。

The RVP valve combines in one compact cartridge the typical function of relief valve and anticavitation through the check valve.

工作原理 OPERATION:

ZY-RVPO-M24 这是一个拧入, 先导操作(2级), 提升型, 正常 关闭的阀门。当入口(1)处的压力达到阀时 设置时, 先导提升阀开始从其阀座打开, 并且 确定调节流向油箱 (2)的油流的主级提升阀的移位。在自由反向流动功能中, 轻偏置弹簧允许从侧面到鼻子(2到1)的流动通道。在要求苛刻的液压回路中, 滤筒提供平稳过渡, 以响应负载变化。平稳的响应、降低的压力上升和有限的迟滞。

The **ZY-RVPO-M24** It's a screw-in, pilot operated (2-stage), poppet type, normally closed valve. When the pressure at the Inlet (1) reaches the valve setting, the pilot poppet starts to open from its seat and determines the shifting of the main stage poppet that throttles oil flow to tank (2). In the free reverse flow function a light bias spring allows for ease of flow passage from side to nose (2 to 1).

The cartridge offers smooth transition in response to load changes in demanding hydraulic circuits. Smooth response, reduced pressure rise and limited hysteresis.

特性 RATINGS:

工作压力: 420 bar

最大流量: 100 L/min

最大泄漏: 1.0 cc/min@100 bar 建立的工厂压力设置@10 l/min

温度范围: -30°C ~ 110°C

介质: 粘度介于7.4~420 cSt (50~2000 sus)的矿物油或具有润滑作用的合成油

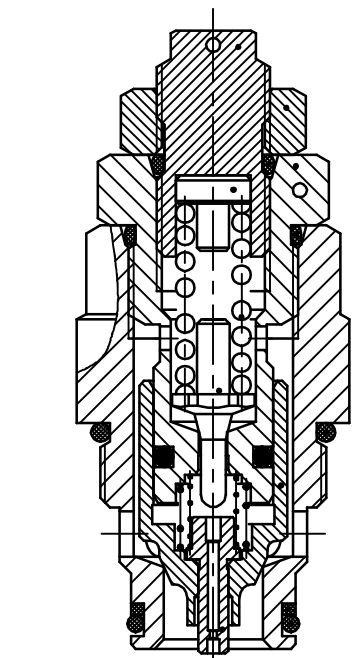
Operating Pressure: 420 bar

Maximum Flow : 100 L/min

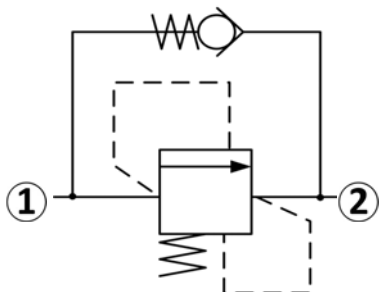
Maximum Internal Leakage : 1.0 cc/min @ 100 bar Factory pressure settings established @ 10 l/min

Temperature: -30°C to 110°C

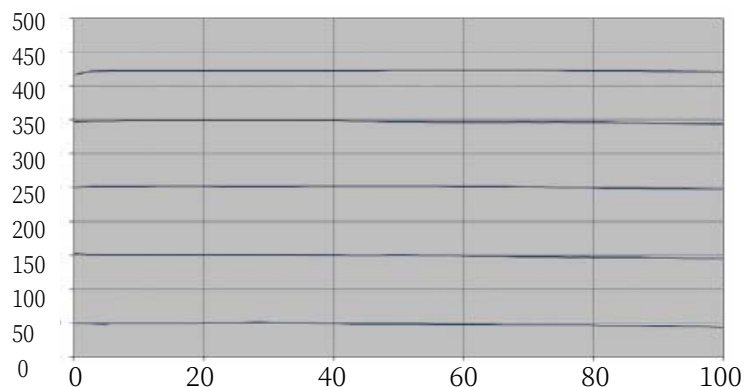
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt (50 to 2000 sus);



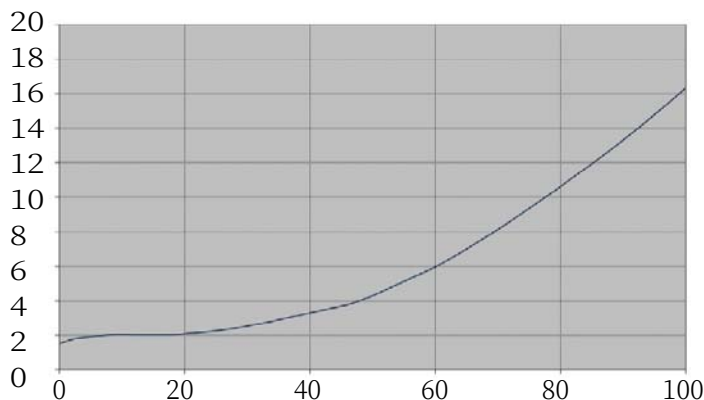
机能符号 SYMBOLS:



性能图 PERFORMANCE: (Cartridge Only)



减压功能 Pressure Relief function



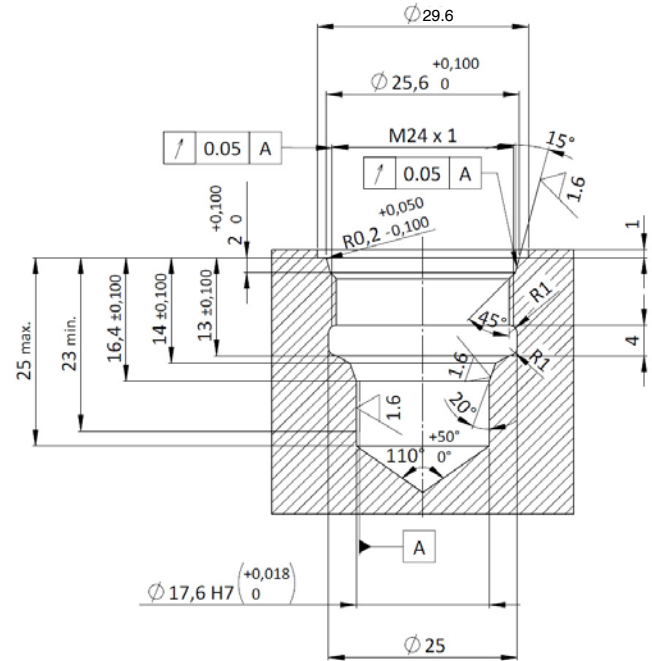
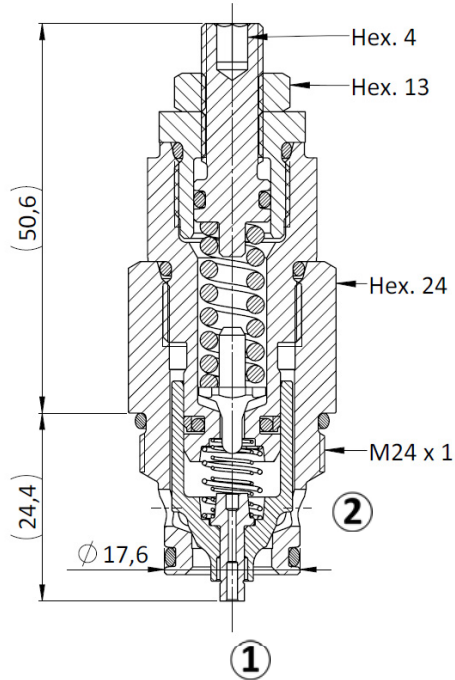
防气蚀功能 Anti-cavitation function

ZY-RVPO-M24

尺寸 DIMENSIONS:

插孔 Cavity:

ZY-VH077



特点 FEATURES:

- 延长使用寿命
- 调节螺钉不能退出阀门。
- 弹簧范围高达420巴 (6100磅/平方英寸)。

- External poppets
- Adjustment screw cannot be backed out of the valve.
- Spring range up to 420 bar (6100 psi).

订购型号 TO ORDER:

ZY-RVPO — 0 — N

(Cavity)插孔 METRIC M24x1 M24

压力范围 Spring Range N 10-420 bar