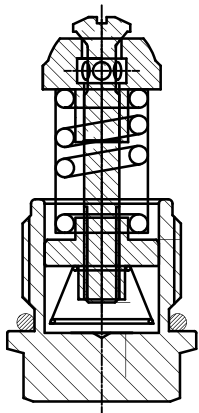


ZY-IRAO-M18 安全阀和防汽蚀阀
ZY-IRAO-M18 Relief and Anti-cavitation Valves
描述 DESCRIPTION:

阀在一个紧凑的插入式阀芯中结合了 减震阀的典型功能和通过止回阀的防空。在减压功能中,它是侧向的 机头排气阀,由于智能导流板设计,压力上升非常低。

Combines in one compact insert cartridge the typical function of shock relief valve and anticavitation through the check valve. In the pressure relief function it's a side-in nose-exhaust valve, with very low pressure rise thanks to the smart deflector design.


工作原理 OPERATION:

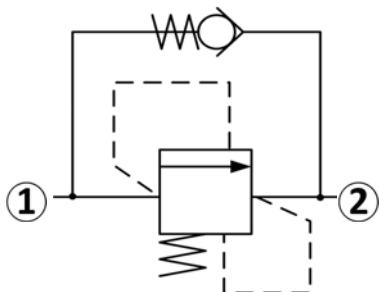
ZY-IRAO-M18 当高压入口(1)处的压力到达阀时 设置时,阀门开始向储罐(2)打开。在自由反向流动功能中,非常轻的偏压弹簧允许 从鼻子到侧面的流动通道的便利性 (2比1)。

高精度加工保证对载荷的快速响应 变化,有限的滞后和减少内部和外部 泄漏。

The **ZY-IRAO-M18** When the pressure at the high pressure inlet (1) reaches the valve setting, the valve starts to open to tank (2).

In the free reverse flow function a very light bias spring allows for ease of flow passage from nose to side (2 to 1).

High precision machining guarantees quick response to load changes, limited hysteresis and reduced internal and external leakage.

机能符号 SYMBOLS:

特性 RATINGS:

工作压力: 420 bar

最大流量: 60 L/min

最大泄漏: 1.00 cc/min至标称设定值的80% 已建立出厂压力设置 在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

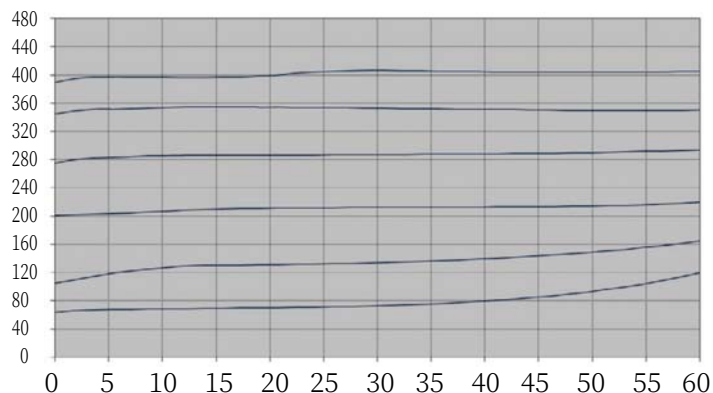
Operating Pressure: 420 bar

Maximum Flow : 60 L/min

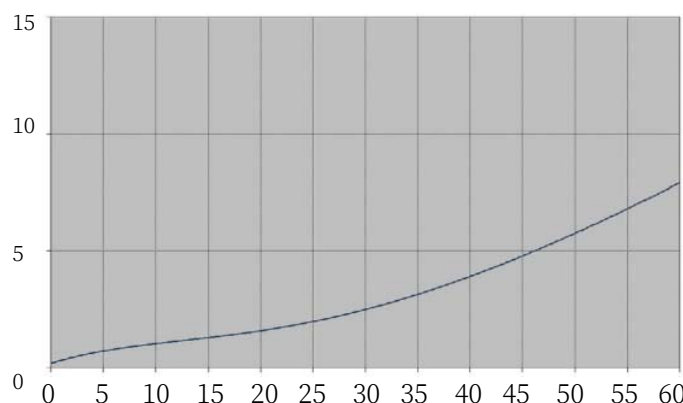
Maximum Internal Leakage 1.00 cc/min to 80% of nominal set point Factory pressure settings established at 10 l/min

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);

性能图 PERFORMANCE: (Cartridge Only)


减压功能 Pressure Relief function



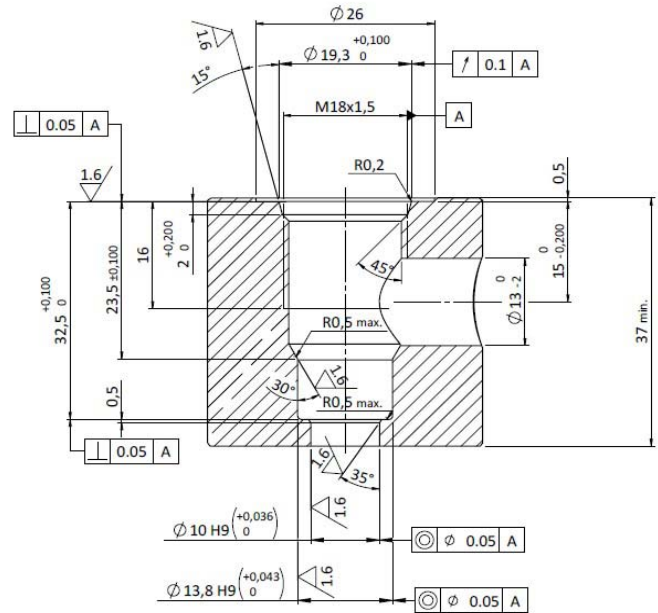
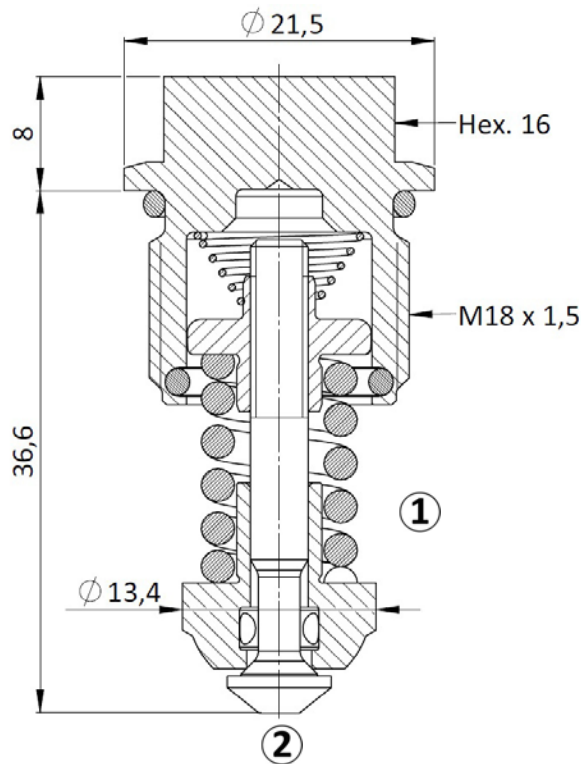
防汽蚀功能 Anti-cavitation function

ZY-IRAO-M18

尺寸 DIMENSIONS:

插孔 Cavity:

ZY-VH002



特点 FEATURES:

订购型号 TO ORDER:

- 延长使用寿命
- 油箱端口 (端口2) 上的背压直接增加到 阀门设置为1:1的比例。
- 压力设置由工厂预先调整, 不能改变了 可选弹簧范围为420巴 (6000磅/平方英寸)

- External poppets
 - Back pressure on the tank port (port 2) is directly additive to the valve setting at a 1:1 ratio.
 - Pressure setting is pre-adjusted by the factory and cannot be changed
- Optional spring ranges to 420 bar (6000 psi)

ZY-IRAO — — — — — 0 — — — — —

(Cavity)插孔

METRIC M18x1.5 M18

压力范围
Spring Range

N	20-70 bar
B	71-130 bar
G	131-210 bar
V	211-280 bar
W	281-350 bar
R	351-420 bar