

KACR75.M20

Pag1

直动式补油溢流阀

说明 DESCRIPTION

A cartridge-style direct-acting poppet-type anti-cavitation relief valve

直动座阀式补油溢流阀

工作 OPERATION

Flow is free from ① to ② until pressure increases to meet the selected valve setting, allowing relief flow through port ① to tank. This valve combines the typical function of shock relief valve

(direct acting) and anti-cavitation function through the check valve. The direct action and the specific design allow a very fast opening and closing.

Note: to obtain a good leak proof performance coin the cavity seat using a loose valve seat as a

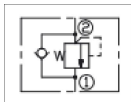
coning tool. Torque to be applied : 4.5 ± 2 Nm.

液体从①口到②口自由流动，直到压力上升到符合所选阀的设置压力，允许通过①口溢流到油箱。

结合溢流阀（直动）的典型功能和单向阀的补油功能。直动式和特殊设计使阀芯快速打开和关闭。

注意：为了得到良好的防泄漏性能，使用可活动的阀座作为制造工具来制造型腔基座。要运用扭矩 : 4.5±2Nm 调节。

符号 SYMBOL



技术参数 SPECIFICATIONS

最大工作压力 (Max. Operating Pressure): 420bar

最大流量 (Max. Flow) : 75l/min

内泄漏 (Internal Leakage): 15 drops/min. (滴/分) max. to 80% of nominal setting

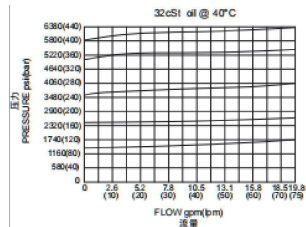
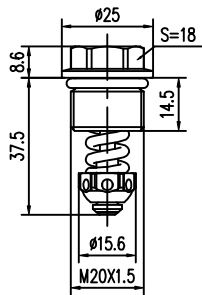
弹簧调压范围 (Standard Spring Ranges):
20 to 100 bar;
101 to 170 bar;
171 to 250 bar;
251 to 350 bar;
351 to 420 bar;

温度 (Temperature): -40°F to +250°F (-40°C to +120°C)

过滤 (Filtration): See Page (参见) N-1

油液 (Fluids): Mineral-based fluids with viscosities of 7.4 to 420 cSt. (矿物油粘度)

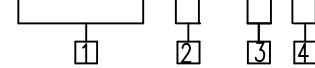
插孔 (Cavity): VH003



订货代号 TO ORDER

Pag2

KACR-75.M20-35-X



① 功能

KACR75= 补油溢流阀
Anti-Cavitation Relief Valve

④ 设定压力 Setting In Bar
空白 Blank= 预设定 Preset
例 Example: 060=60Bar

② 规格 Size

M20=M20 规格

③ 弹簧调压范围 Spring Ranges

10=290-1450psi (20-100bar)
17=1465-2465psi (101-170bar)
25=2480-3625psi (171-250bar)
35=3640-5075psi (251-350bar)
42=5090-6090psi (351-420bar)

Factory pressure setting established at 10L/min;

工厂的设定是指溢流阀开启[流量为10L/min]时的压力;