

KFR10-30F

流量控制阀， 压力补偿型， (固定节流孔)

说明 DESCRIPTION

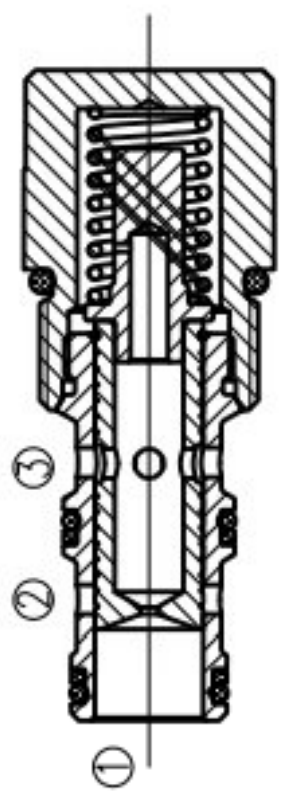
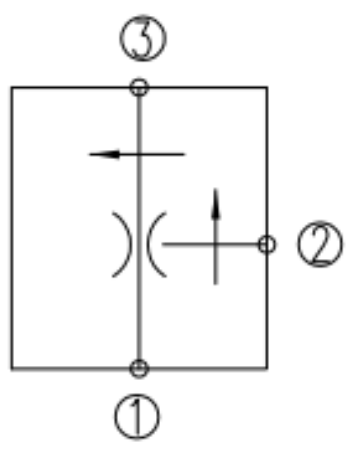
A cartridge-style non-adjustable pressure-compensated flow control valve
 压力补偿型， 插装式流量阀

工作 OPERATION

KFR10-30F type, the flow out of ③ remains unchanged, not affected by the load pressure change of the 3 port downstream loop or bypass 2, the spool maintains a pressure difference of 6.5 bar (95psi) in the internal fixed throttle hole, regulatintgs the flow from ①to③. The KFR10-30F is a preferential regulator that first delivers the pump flow to 3 and then the excess flow to bypass 2. All oil ports can be fully pressurized, depending on the amount of oil inlet, the oil coming out of the priority oil inlet, the oil coming out of the priority oilport ③ may be different ,especially when low temperature and liquid viscosity increase, the setting may need to be studied to decide, please contact the factory.

KFR10-30F型， 从③流出的流量保持不变， 不受③口下游回路或旁路②的负载压力变化影响， 阀芯在内固定节流孔保持6.5bar (95 psi) 的压力差， 调节①到③的流量。KFR10-30F是优先调节型， 首先将泵流量输送到③， 然后将多余流量输送到旁路②。所有油口可以充分受压， 基于进油量的不同， 从优先油口③出来的油液可能有差别， 尤其是低温和液体粘度增加时， 设置可能需要研究来决定， 请联系工厂。

符号 SYMBOL

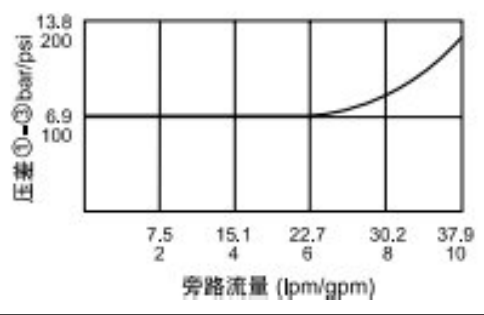
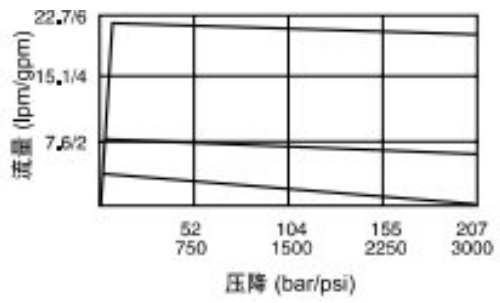


技术参数 SPECIFICATIONS

工作压力 (Operating pressure):	210bar
流量 (Flow):	5±15%L/min.
最大流量 (Maximun flow):	37.8L/min.
补偿压力 (Compensating pressure):	6.5bar (95psi)
温度 (Temperature):	-40° C to +120° C
过滤 (Filtration):	参考过滤要求 (Reference filter requirements)
油液 (Fluids):	Mineral-based fluids with viscosities of 7.4 to 420 cSt. (矿物油粘度)
插孔 (Cavity):	VC10-3

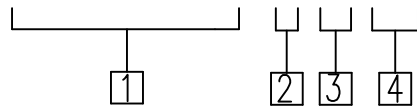
压力-流量曲线 PRESSURE DROP VS. FLOW

流量维持特点 ①至③
 32cSt oil @ 40° C



订货代号 TO ORDER

KFR10-30F-0-N-**



1 公司代码
Company code

2 0
0= 只订插件
0=Order plug-ins only

3 密封件 Sealing ring
N 丁氰橡胶 (标准型)
BUNA N (Std.)
V 氟橡胶 Fluorocarbom

4 流量设定 Flow Setting
(Setting in lpm)
Range:0.4-7.5lpm
Specify, for example:
M2.0 2.0lpm
M5.0 5.0lpm
etc.
(Setting in gpm)
Range:0.1-0.2gpm
Specify, for example:
1.0 1.0gpm
2.0 2.0gpm
etc.

安装尺寸 INSTALLATION DIMENSIONS

