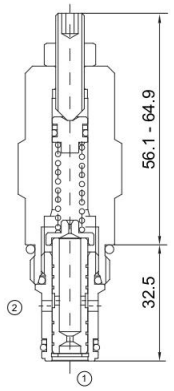
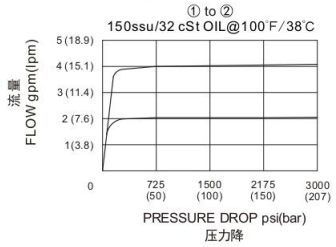
MFRA-10

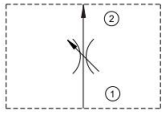
流量控制阀(压力补偿型)
Flow Control Valve
(Pressure-compensated type)



压力-流量性能曲线
Performance Curve Pressure Drop vs.Flow



机能符号 Symbol



技术参数 Specifications

· 工作压力 Operating Pressure	240BAR
· 流量设定 Flow Setting	3-26L/min
· 流量控制精度 Flow Maintenance Accuracy	±15%
· 温度 Temperature	-30°C to +120°C(-22°F to+250°F)
· 插孔 Cavity	10-2 see page K-11
· 流体 Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.

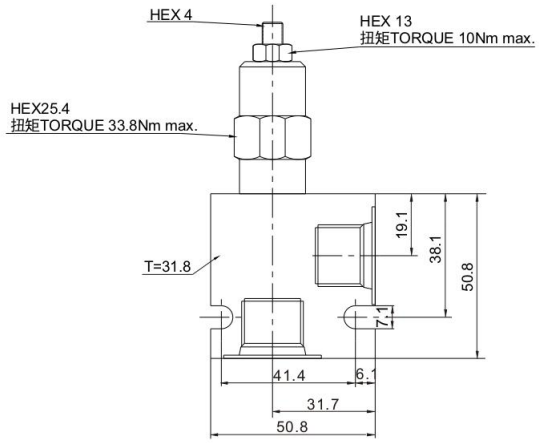
产品特性 Features

· 硬化处理,零件耐久性强
Hardened,precision ground parts for durability
· 工业通用插孔
Industry common cavity
· 紧凑的结构
Compact size
· 调压杆可被锁定
Adjustment may be locked in place.
· 调节装置不会旋出阀体
Adjustment will not screw out of the valve body

工作 Operation

不管负载压力如何变化，从①到②口的流量都能保持在一定的范围内。当油通过固定节流孔时，引起极小的压力差，阀芯开始响应负载变化，通过压力补偿，可维持精确的流量。油液从②到①反方向流动，没有压力补偿。
The valve maintains a constant flow within specified accuracies from ① to ② regardless of downstream load pressure. When flow produces a minimum predetermined pressure differential across the compensator spool control orifice, the spool shifts against the spring force to throttle the flow and maintain the flow setting. Reverse flow is not regulated.

安装尺寸 INSTALLATION DIMENSIONS



C

订购型号 Order Type

MFRA-10 – * – * – * *
I II III IV

Ⅰ. 流量设定 Flow Setting
M4.6=3-10L/min
M16=11-26L/min
M30=15-30L/min

Ⅱ. 油封 Seal-Kits
N=丁腈橡胶 Buna N
V=氟橡胶 Viton

Ⅲ. 阀块材质 BODY MATERIAL
A=6061-T6铝
耐压强度207Bar
6061-T6 aluminum
alloy rated at 207Bar
S=钢材 耐压强度350Bar
steel rated at 350Bar

Ⅳ. 阀块油口 BODY PORTING
6T=SAE 6T
8T=SAE 8T
3G=G3/8
3N=NPT3/8
其他螺纹油口是可选择的
Other porting is available