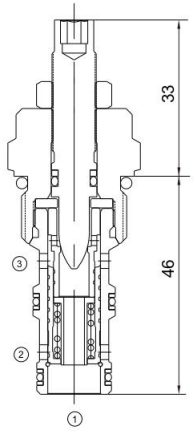
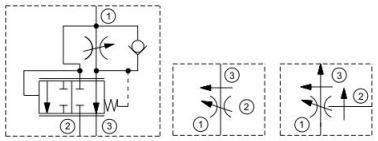
MFR10-39

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



机能符号 Symbol



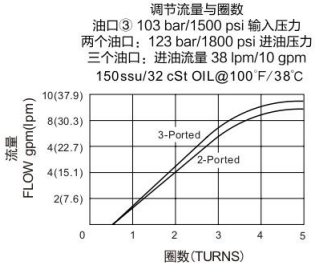
技术参数 Specifications

· 工作压力 Operating Pressure	240BAR
· 流量Flow	See PRESSURE DROP VS.FLOW graph.
· 额定流量Flow Rating	(旁通封闭)Regulated, 2-ported: 0-34L/min
	(优先+旁通)Regulated, 3-ported: 0-38L/min
· 入口流量Inlet flow rating(优先+旁通)	- Note: Nominal, 3-ported: 38L/min
	- Note: Maximum, 3-ported: 57L/min
· 内泄漏 Internal Leakage	33cc/min.max.
· 温度 Temperature	-30°C to +120°C(-22°F to+250°F)
· 插孔 Cavity	10-3 see page K-11
· 流体 Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.

产品特性 Features

· 旁路油口②可以充分受压
Bypass port 2 may be fully pressurized
· 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
· 响应调节平稳
modulated response

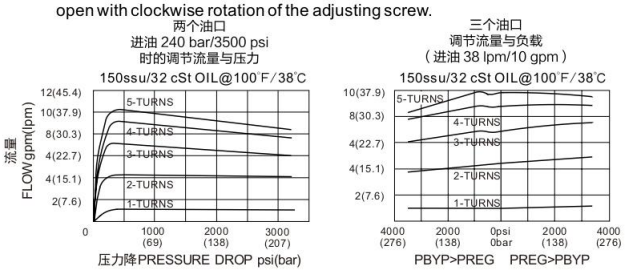
压力-流量性能曲线
Performance Curve Pressure Drop vs.Flow



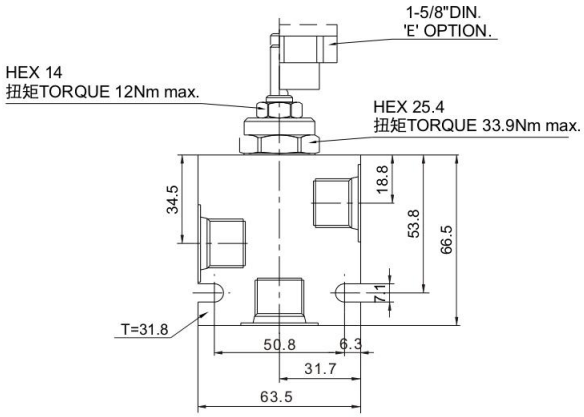
工作

该阀从③流出的流量保持不变，不受③的下游回路或旁路②的负载压 力变化影响。反向液流（③流向①）不经过控制节流孔。逆时针转动手柄，调节流量从闭合到完全打开时逐渐增加。

The valve provides set regulated flow regardless of pressure variations at regulated or bypass port. Regulated flow increases from closed to fully open with clockwise rotation of the adjusting screw.



安装尺寸 INSTALLATION DIMENSIONS



C

订购型号 Order Type

MFR10-39 * - * - * *
I II III IV

Ⅰ. 调节方式 Adjustment
空白=螺钉调整 Screw Adjust
E=手轮调整 Handwheel Adjust

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
8T=SAE 8T
12T=SAE 12T
6G=G3/4
4N=NPT1/2
其他螺纹油口是可选择的
Other porting is available
其他螺纹油口是可选择的
Other porting is available