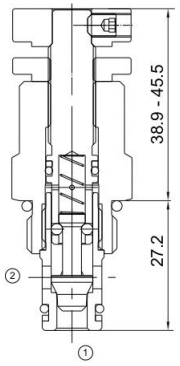
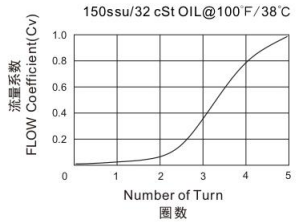
MFC-08

单向节流阀
Flow Control Orifice Check Valve

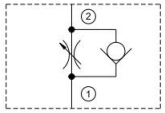




$$FlOW(gpm) = \frac{Cv\sqrt{P1-P2}}{\sqrt{Gf}}$$

Cv=Flow Coefficient
P1=Inlet Pressure(psi)
P2=Oulet Pressure(psi)
Gf=specifuc gravity of medium at opening temperature (°F)

机能符号 Symbol



技术参数 Specifications

· 工作压力 Operating Pressure	250BAR
· 流量 Flow	18L/min
· 内泄漏 Internal Leakage	0.3drops/min.max.at operating pressure
· 温度 Temperature	-30°C to +120°C(-22°F to+250°F)
· 插孔 Cavity	08-2 see page K-9
· 流体 Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.

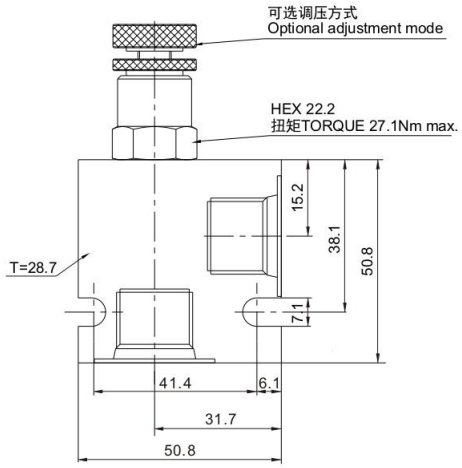
产品特性 Features

· 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.
· 可完全关闭
Positive shut-off

工作 Operation

节流阀流量大小可通过调节螺杆来实现。②到①节流，①到②开启。
The valve varies flow restriction by adjusting needle in or out. Flow is metered from ②to① . Free reverse flow is from ①to② .

安装尺寸 INSTALLATION DIMENSIONS



C

订购型号 Order Type

MFC-08 * - * - * *
I II III IV

Ⅰ. 调节方式 Adjustment
空白=螺钉调整 Screw Adjust
K=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
4T=SAE 4T
8T=SAE 8T
3G=G3/8
3N=NPT3/8
其他螺纹油口是可选择的
Other porting is available