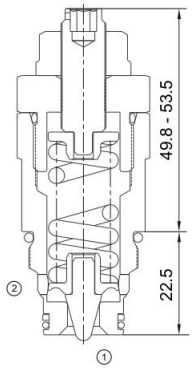
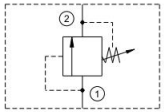
MRV2-10

直动式溢流阀
Directly Operated Relief Valve



机能符号 Symbol



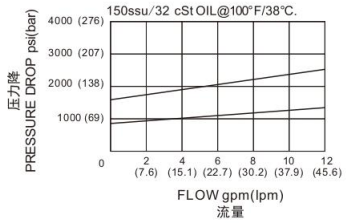
技术参数 Specifications

· 工作压力 Operating Pressure	315BAR
· 流量 Flow	45.6L/min
· 内泄漏 Internal Leakage	5drops/min.max.to 80% of norminal setting
· 温度 Temperature	-30°C to +120°C(-22°F to+250°F)
· 插孔 Cavity	T-2303 see page K-18
· 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
· 紧凑的结构
Compact size
· 调节杆可被锁定
Adjustment may be locked in place
· 迅速响应压力变化
Fast response to pressure surges

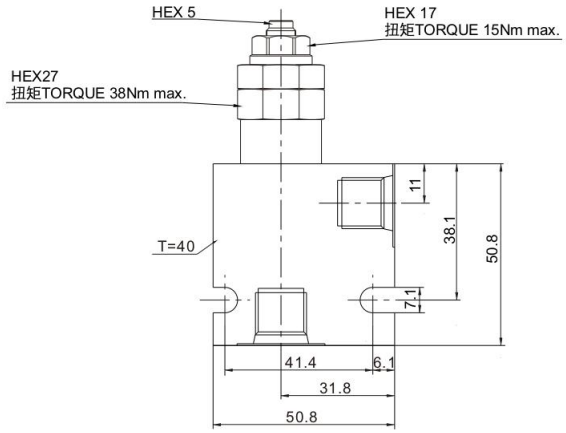
压力-流量性能曲线
Performance Curve Pressure Drop vs.Flow



工作 Operation

当①口压力超过弹簧设定压力时，锥阀芯打开，①到②开始溢流，防止系统过压。
The valve prevents flow from ① to ② until the set crack pressure at ① is achieved.The poppet then unseat allowing flow from ① to ② protecting the circuit from over pressurization.

安装尺寸 INSTALLATION DIMENSIONS



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订购型号 Order Type

MRV2-10 – * – * – * *
I II III IV

Ⅰ. 调压范围 Pressure Range
10=300-1500psi(20-100bar)
Preset:1200psi(80bar)
26=300-3800psi(20-260bar)
Preset:3000psi(210bar)

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
4G=G1/2
4N=NPT1/2
其他螺纹油口是可选择的
Other porting is available