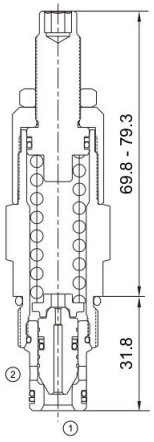
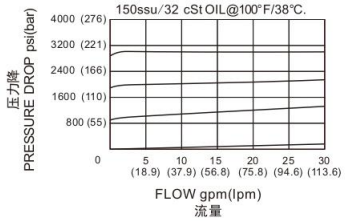
MDRV-10

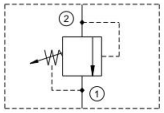
差动式溢流阀
Differential Relief Valve



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	250BAR
· 流量 Flow	113.6L/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	10-2 see page K-11
· 流体 Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.

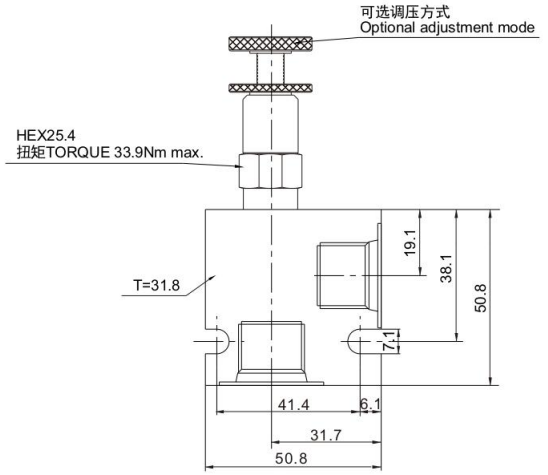
产品特性 Features

· 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
· 调节杆可被锁定
Adjustment may be locked in place
· 低泄漏设计
Low leakage design
· 迅速响应压力变化
Fast response to pressure surges

工作 Operation

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

安装尺寸 INSTALLATION DIMENSIONS



订购型号 Order Type

MDRV-10 * – * – * – * *
I II III IV V

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

Ⅱ. 调压范围 Pressure Range
6=150-600psi(10.34-41.38bar)
Preset:300psi(21bar)
13=150-1300psi(10.34-89.66bar)
Preset:650psi(45bar)
25=250-2400psi(17.24-165.52bar)
Preset:1200psi(83bar)
35=250-3500psi(17.24-241.38bar)
Preset:1750psi(121bar)

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

Ⅳ. 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

Ⅴ. 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

A