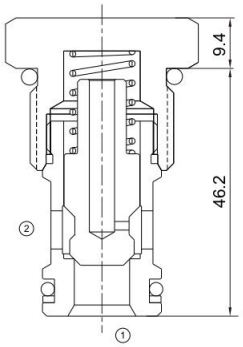
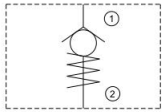
# MCV12-20

单向阀
Check Valve




## 机能符号 Symbol



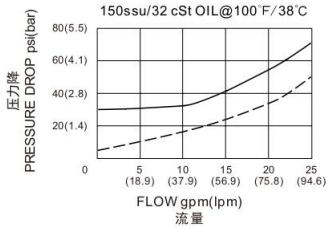

## 技术参数 Specifications

| | |
|---|---|
| · 工作压力 Operating Pressure | 240BAR |
| · 流量 Flow | 95L/min |
| · 内泄漏 Internal Leakage | 5drop/min.max.at operating pressure |
| · 温度 Temperature | -30°C to +120°C(-22°F to+250°F) |
| · 插孔 Cavity | 12-2 see page K-13 |
| · 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
· 低泄漏设计
Low leakage design

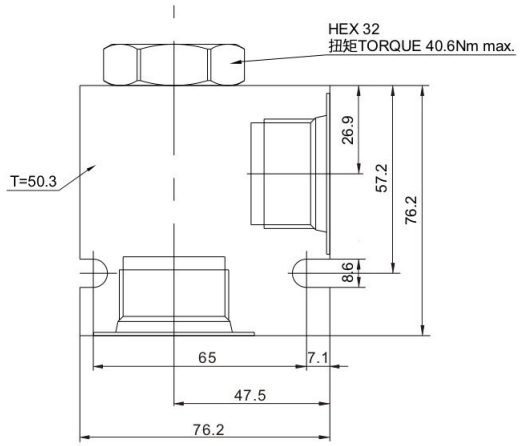
压力-流量性能曲线
Performance Curve Pressure Drop vs.Flow




## 工作 Operation

当在①口的压力超过开启压力, ①到②开启;在反方向, ②到①关闭;
Pressure at ① overcomes the spring-bias poppet and allows free flow ① to ②.Flow in the opposite direction,from ② to ①, is blocked by the poppet.

## 安装尺寸 INSTALLATION DIMENSIONS




D

## 订购型号 Order Type

MCV12-20 – * – * – * *
I II III IV

Ⅰ. 开启压力 Cracking Pressure
0.34=5psi(0.34bar)
1.7=25psi(1.7bar)
2.1=30psi(2.1bar)
4.1=60psi(4.1bar)

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
10T=SAE 10T
16T=SAE 16T
8G=G1
4N=NPT 1/2
其他螺纹油口是可选择的
Other porting is available