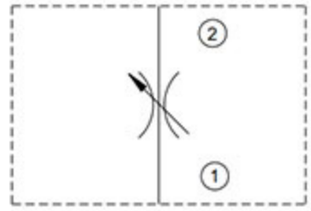
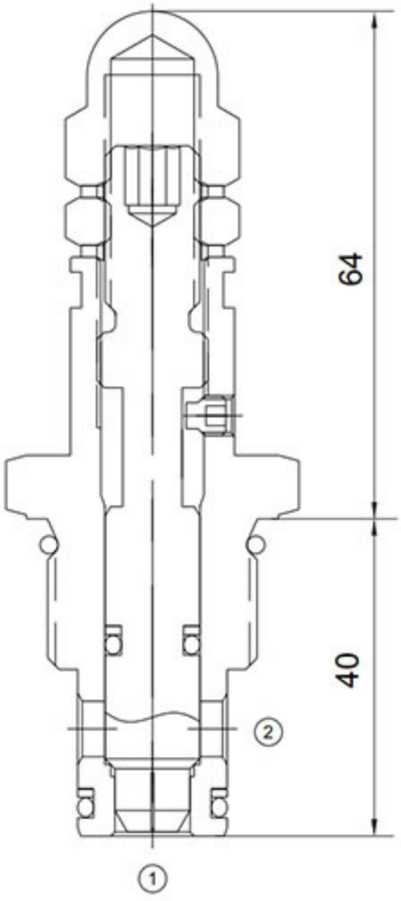
MDVE-12

节流阀
Cartridge Needle Valve

机能符号 Symbol



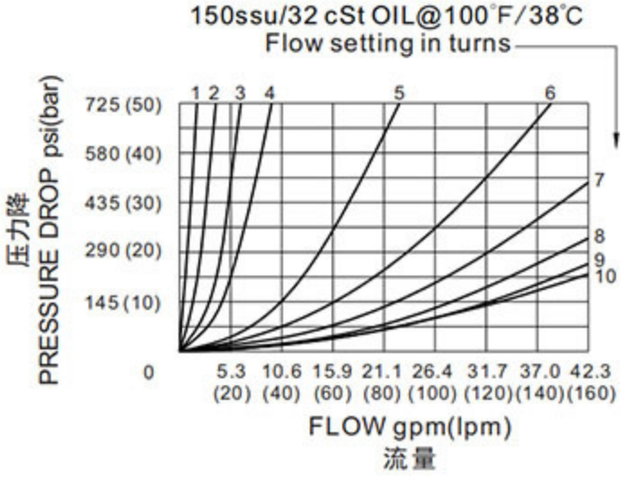


技术参数 Specifications

・工作压力 Operating Pressure	350BAR
・流量 Flow	160L/min
・内泄漏 Internal Leakage	0.3drops/min.max.at operating pressure
・温度 Temperature	-30°C to +120°(-22°F to+250°F)
・插孔 Cavity	DVE-12 see page K-25
・流体 Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.

产品特性 Features

・用于调节负载速度
For regulating the speed of loads
・用于流量的微调和切断
For fine adjustment and shut-off of the flow
・用于液压回路中的系统相关阻尼
For system-related damping in hydraulic circuits
・固定螺钉可锁定设置
A set-screw locks the setting

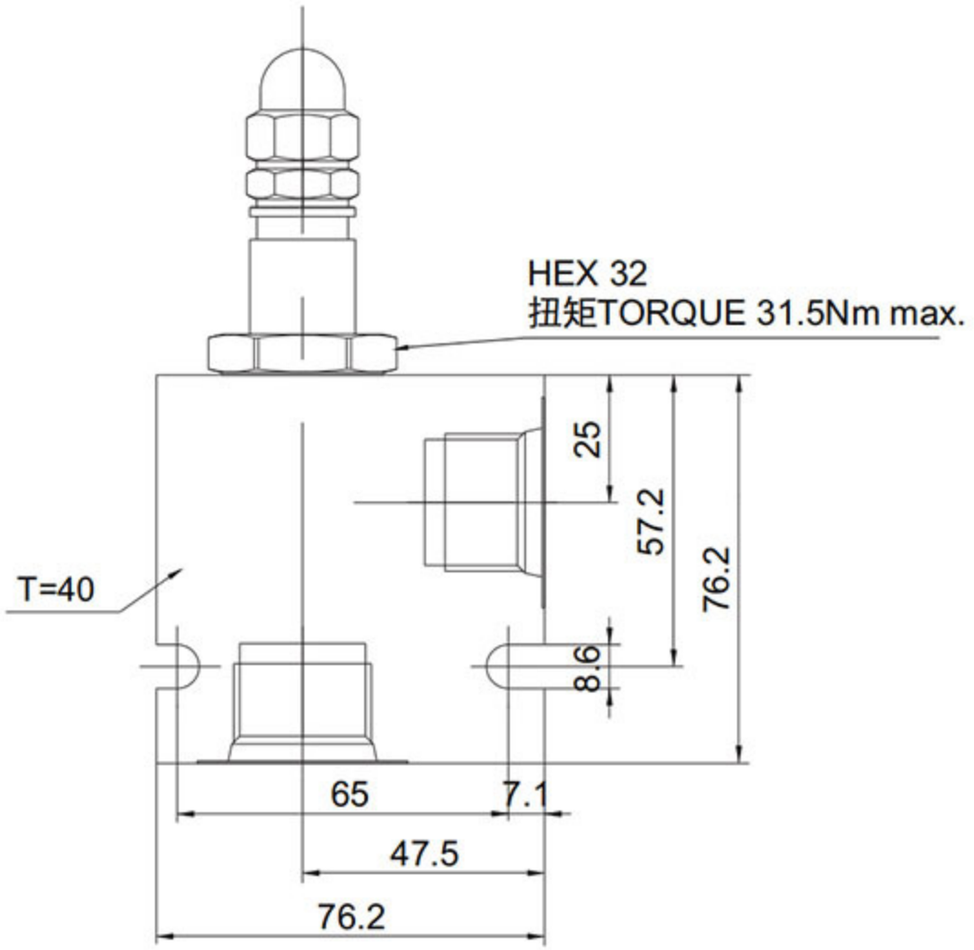


工作 Operation

该阀是一个流量控制阀，通过调节开口来控制流量。流量取决于压差和油液粘度。从阀芯处于完全关闭位置开始，随着控制旋钮的转动，流量按照相应的曲线增加。液流是双向控制的。

This valve is a flow control valve which controls the flow rate by adjusting the cross section. The flow rate is dependent on the pressure differential and the viscosity. Starting with the throttle spindle in the fully closed position, the flow rate increases in accordance with the appropriate curve as the control knob is turned. The flow is controlled in both directions.

安装尺寸 INSTALLATION DIMENSIONS



订购型号 Order Type

MDVE-12 – * – * *

I II III

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

II. 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

III. 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