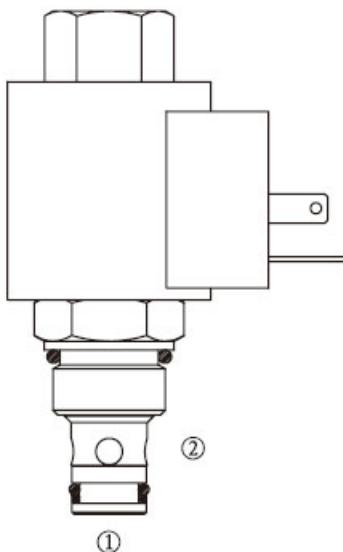


# HSV08-21

## 二位二通电磁阀 常开 锥阀型



Normally-Open, Two-Way, Two-Position  
Poppet Type Cartridge Solenoid Valve

### OPERATION

#### 工作原理

When de-energized, the valve allows flow from ② to ①. Flow from ① to ② is severely restricted in this mode.

When energized, the valve's poppet closes on its seat, blocking flow from ② to ①. The cartridge will allow ① to ② flow after overcoming the solenoid force.

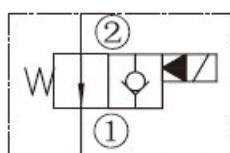
当电磁铁不通电时，从②口到①口方向通，反向被严重节流；

当电磁铁通电时，②口到①口不通，当①口压力超过电磁铁力，①口到②口方向打开。

Operation of Manual Override Option: To override, push button in to activate. To return to normal valve function, release button.

推进按钮，②到①关闭；释放按钮，返回到常态。

### SYMBOL 机能符号



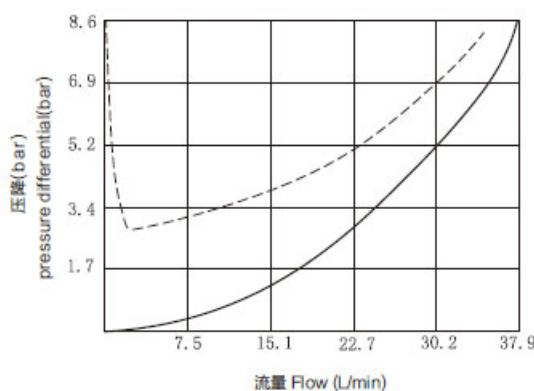
### FEATURES

#### 特性

· Continuous-duty solenoid.	· 可持续工作的电磁铁。
· Hardened seat for long life.	· 长寿命的阀。
· Optional coil voltages and terminations.	· 可选择的线圈电压和终端。
· Efficient wet-armature construction.	· 高效能的电磁铁结构。
· Industry common cavity.	· 工业通用插孔。
· Compact size	· 结构紧凑。

### PRESSURE DROP VS.FLOW 性能图

② to ① —— De-energized; 不通电  
① to ② —— Energized; 通电  
38°C时 150 ssu/32 cSt的油液 150 ssu/32 cSt Oil at 38°C



### SPECIFICATIONS

#### 技术参数

最大工作压力 Max.operating pressure: 207 Bar

流量 Flow rate(L/min): 参见性能图 See Pressure Drop Vs.Flow graph

内泄漏 Internal Leakage: 3 drops/min. Max at 207 Bar

介质温度范围(°C) Fluid temperature range(°C): -30 ~ +120

线圈电压范围 Coil Rating : 90%~110% Of rated Voltage

过滤 Filtration: Critical Application - ISO 18/16/13

Non-Critical Application - ISO 19/17/14

介质 Fluids: 矿物油。其它流体的选择请咨询工厂。

Mineral-based fluids.

For other fluid compatibility consult factory.

插孔 Cavity: 08-2, See page 123 08-2, 参见123页

阀块材料 Body Material:

6061-T6铝, 允许使用最大压力20.7MPa

钢材允许使用最大压力35MPa

Anodized 6061-T6 aluminum alloy rated at 20.7MPa

Steel rated at 35 MPa