

ZY-SV16-20 座阀，2 通，常闭 ZY-SV16-20 Poppet, 2-Way, Normally Closed

描述 DESCRIPTION:

电磁驱动、2 通、常闭、座阀式、液压螺纹插装阀，在要求极小内泄漏的应用中用作截止阀或负载保持阀。

A solenoid-operated, 2-way, normally closed, poppet-type, screw-in hydraulic cartridge valve, designed to function as a load holding or blocking valve in applications requiring low internal leakage.

工作原理 OPERATION:

断电时，ZY-SV16-20 用作单向阀，允许油液从①流向②，同时截止油液反向流动。通电后，阀芯提升，从而打开从②流向①的油液通道。在此工况下，油液从①流向②的流动将受到巨大限制。

应急手控选件操作方法：要进行应急操作时，请按下按钮，在逆时针旋转 180°后松开。在此位置，阀将保持接通状态。

要恢复正常操作，请按下按钮，在顺时针旋转 180°后松开。应急手控选件将锁定在此位置。

When de-energized, the ZY-SV16-20 acts as a check valve, allowing flow to pass from 1 to 2, while blocking flow in the reverse direction.

When energized, the poppet lifts to open the 2 to 1 flow path. In this mode, flow from 1 to 2 is severely restricted.

Operation of Manual Override Option: To override, push button in, twist counter-clockwise 180° and release. In this position, the valve will remain open.

To return to normal operation, push button in, twist clockwise 180° and release. Override will be detented in this position.

特性 RATINGS:

工作压力: 207 bar (3000 psi);

耐压: 390 bar (5700 psi)

流量: 参见性能图

内部泄漏: 在 207 bar (3000 psi) 时，最大为 0.15 毫升/分钟 (3 滴/分钟)

温度范围: -40°C 至 120°C，标准丁腈橡胶密封

线圈额定负载: 可在 85% 至 115% 的额定电压范围内连续工作

最小吸合电压: 207 bar (3000 psi) 时为额定值的 85%

介质: 粘度介于 7.4~420 cSt (50~2000 sus) 的矿物油或具有润滑作用的合成油

阀孔: ZY-VC16-2;

Operating Pressure: 207 bar (3000 psi);

Proof Pressure: 390 bar (5700 psi);

Flow: See Performance Chart;

Internal Leakage: 0.15 cc/minute (3 drops/minute) max. at 207 bar (3000 psi);

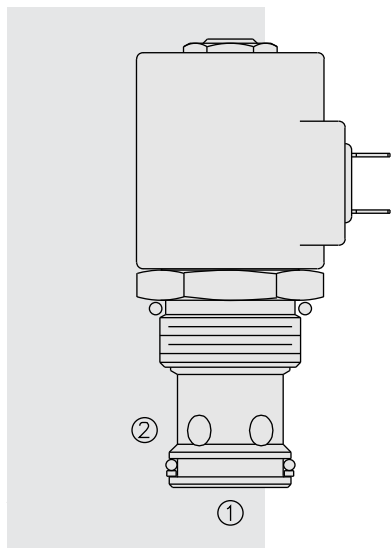
Temperature: -40 to 120 °C with standard Buna seals;

Coil Duty Rating: Continuous from 85% to 115% of nominal voltage ;

Minimum Pull-in Voltage: 85% of nominal at 207 bar (3000 psi);

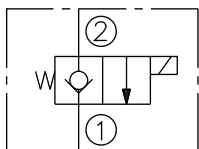
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt (50 to 2000 sus);

Cavity: ZY-VC16-2;

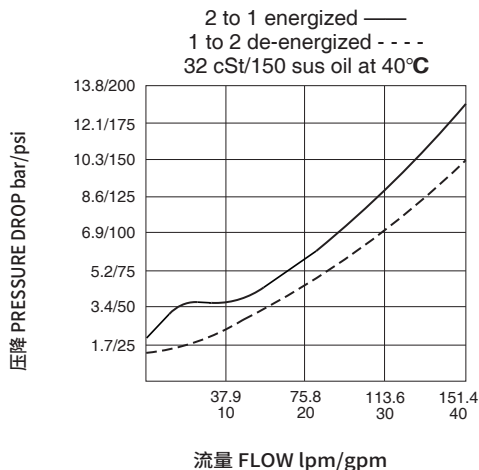


机能符号 SYMBOLS:

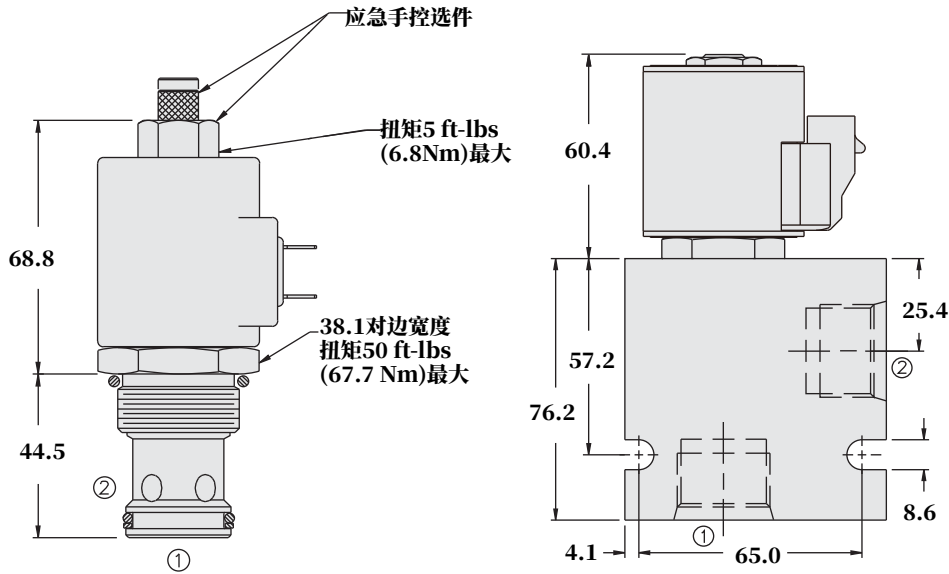
ISO:



性能图 PERFORMANCE: (Cartridge Only)



尺寸 DIMENSIONS:



特点 FEATURES:

- 额定电磁线圈适合连续工作。
- 阀座经硬质处理, 耐用且低泄漏。
- 可选线圈电压和终端。
- 高效湿式衔铁结构。
- 插件电压可互换。
- 应急手控选项。
- 可选IP69K防水E型线圈。
- 整体模铸型线圈设计。
- 工业通用阀孔。

- Continuous-duty rated solenoid.
- Hardened seat for long life and low leakage.
- Optional coil voltages and terminations.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Manual override option.
- Optional waterproof E-Coils rated up to IP69K.
- Unitized, molded coil design.
- Industry common cavity.

订购型号 TO ORDER:

ZY-SV16-20

(Option) 选件

(None) 无(空白)

- (Manual Override) 应急手控 **M**
 (Manual Override) 应急手控 **Y**
 (Manual Override) 应急手控 **J**

(Porting) 阀块油口

(For ordering valve block models, see:6.0.0.00)

订购阀块型号请参见:6.0.0.00

(Seals)密封材料

- Buna N(Sta)
 丁腈橡胶(标准型) **N**
 (Fluorocarbon)氟橡胶 **V**

标准线圈电压 (Votage Std. Coil)

- 0** 无线圈**
10 10 VDC
12 12 VDC
24 24 VDC
36 36 VDC
48 48 VDC
24 24 VAC
110 110 VAC
115 115 VAC
220 220 VAC
230 230 VAC

**包括标准线圈螺母
 **仅限DS, DW或DL终端
 **Includes Std. Coil Nut AG
 † DS, DW or DL terminations only.

E型线圈(E-Coil)

- 10** 10 VDC
12 12 VDC
20 20 VDC
24 24 VDC

标准线圈终端(VDC) Termination(VDC)Std.Coil

- DS** Dual Spades 双扁形接头
DG DIN 43650
DL Leadwires 导线(2)
DL/W Leads w/Weather-Pack® Connectors 导线, 带连接器
DR Deutsch DT04-2P

标准线圈终端(VAC) Termination(VAC)Std.Coil

- AG** DIN 43650
AP 1/2英寸导线管

E型线圈终端(VDC) Termination(VDC)E-Coil

- ER** Deutsch DT04-2P (IP69K Rated)符合标准
EY Metri-Pack® 150 (IP69K Rated)符合标准

Coils with internal diode are available.
 Consult factory.
 提供带内置二极管的线圈. 请咨询工厂