

ZY-SV08-31 换向阀, 3 通 ZY-SV08-31 Spool, 3-Way

描述 DESCRIPTION:

电磁驱动、3 通、直动阀芯式、液压螺纹插装阀。

A solenoid-operated, three-way, direct-acting, spool-type, screw-in hydraulic cartridge valve.

工作原理 OPERATION:

断电时, ZY-SV08-31 允许油液从 ② 流向 ①, 而在 ③ 处截止。

通电后, 阀芯移动, 从而接通 ① 流向 ③, 而在 ② 处截止。

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。内置弹簧会将按钮推出。在此位置, 阀可能只是部分移动。要确保实现完全应急移动, 请将按钮拉至其最大行程, 然后保持在此位置。

要恢复正常的阀功能, 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-SV08-31 allows flow from 2 to 1, while blocking flow at 3.

When energized, the valve's spool shifts to open from 1 to 3, while blocking at 2.

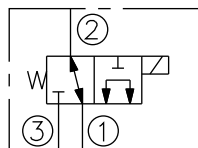
Operation of Manual Override Option: To override, push button in, twist counter-clockwise 180°, and release. In this position, the valve will remain open.

To return to normal operation, push button in, twist clockwise 180°, and release.

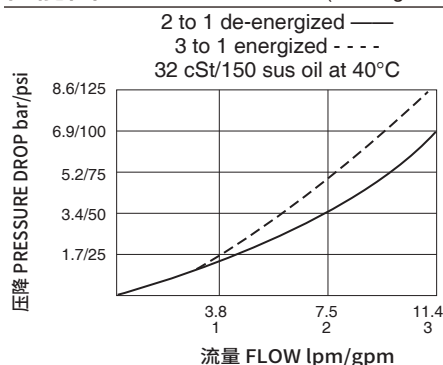
Over-ride will be detented in this position.

机能符号 SYMBOLS:

ISO:



性能图 PERFORMANCE: (Cartridge Only)



特性 RATINGS:

工作压力: 207 bar (3000 psi)

流量: 参见性能图

内部泄漏: 在 207 bar (3000 psi) 时, 最大为 82 毫升/分钟 (5 立方英寸/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

响应时间: 电压为 100%, 流量为额定值的 80% 时, 首次指示状态变化的时间: 通电: 30 毫秒; 断电: 25 毫秒。

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-VC08-3;

Operating Pressure: 207 bar (3000 psi);

Flow: See Performance Chart;

Internal Leakage: 82 cc/minute (5 cu. in./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 ;

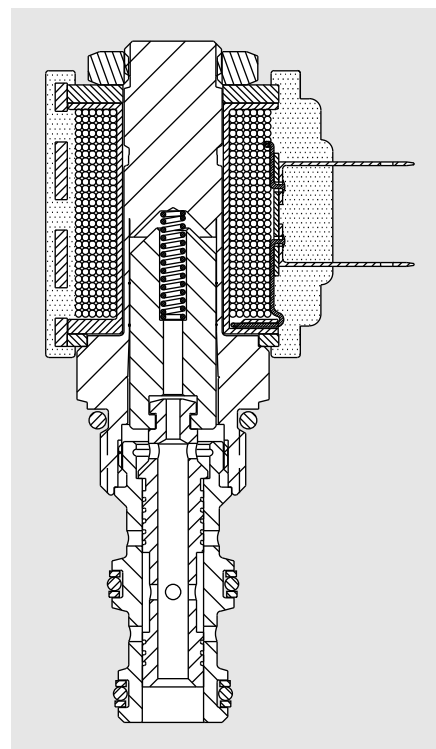
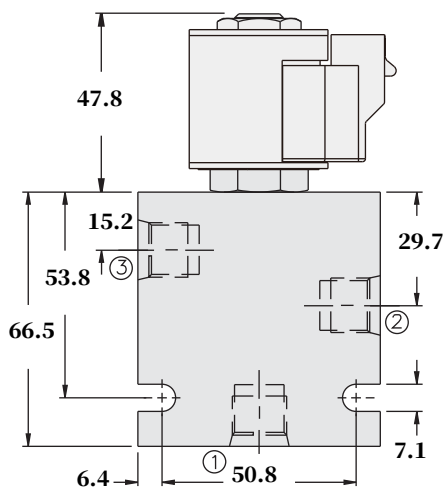
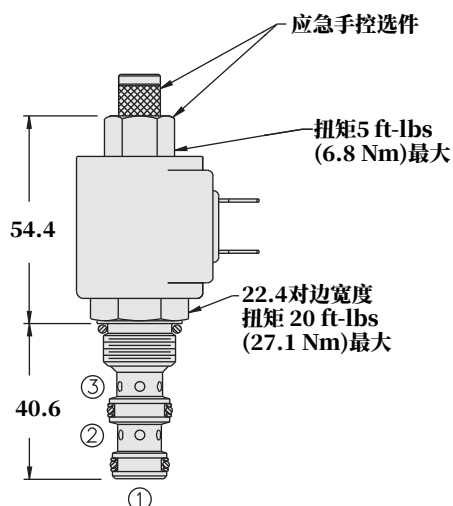
Response Time: First indication of change of state with 100% voltage supplied at 80% of nominal flow rating: Energized: 30 msec.; De-energized: 25 msec.

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-VC08-3;

尺寸 DIMENSIONS:



特点 FEATURES:

- 额定电磁线圈适合连续工作。
- 阀芯与阀套经硬处理, 耐用。
- 可选线圈电压和终端。
- 高效湿式衔铁结构。
- 插件电压可互换。
- 可以对所有油口完全加压。
- 应急手控选件。
- 可选 IP69K 防水 E 型线圈。
- 整体压铸型线圈设计。
- 结构紧凑。
- Continuous-duty rated solenoid.
- Hardened precision spool and cage for long life.
- Optional coil voltages and terminations.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- All ports may be fully pressurized.
- Manual override option.
- Optional waterproof E-Coils rated up to IP69K.
- Unitized molded coil design.
- Compact size.

订购型号 TO ORDER:

ZY-SV08-31

(Option) 选件
(None) 无(空白)
(Manual Override) 应急手控 M

(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
(Voltage 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