

ZY-SV10-34 换向阀, 3 通 ZY-SV10-34 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-SV10-34 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 ② 流向 ③, 而在 ① 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。要确实实现完全应急移动, 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-SV10-34 allows flow from 2 to 1, while blocking flow at 3.

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

Operation of Manual Override Option: To override, push button in and twist counterclockwise 180°. The internal spring will push the button out. In this position, the valve may be only partially shifted. To assure full override shift, pull the button out to its fullest extension and hold it in this position.

To return to normal valve function, 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: 350 bar (5075 psi)

流量: 最大 22.7 lpm (6 gpm)

内部泄漏: 在 207 bar (3000 psi) 时, 最大为 115 毫升/分钟 (7 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: 60 毫秒; 断电: 10 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-VC10-3;

Operating Pressure: 207 bar (3000 psi);

Proof Pressure: 350 bar (5075 psi);

Flow: 22.7 lpm (6 gpm) max.

Internal Leakage: 115cc/minute (7 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: 60 msec.; De-energized: 10 msec.

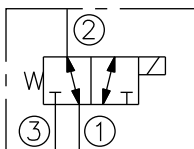
Minimum Pull-in Voltage: 85% of nominal at 207 bar (3000 psi);

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

Cavity: ZY-VC10-3;

机能符号 SYMBOLS:

ISO:



性能图 PERFORMANCE: (Cartridge Only)

