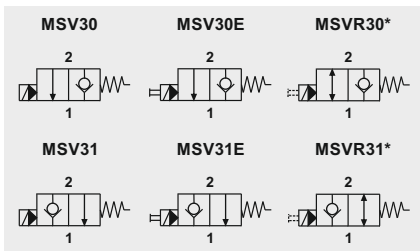
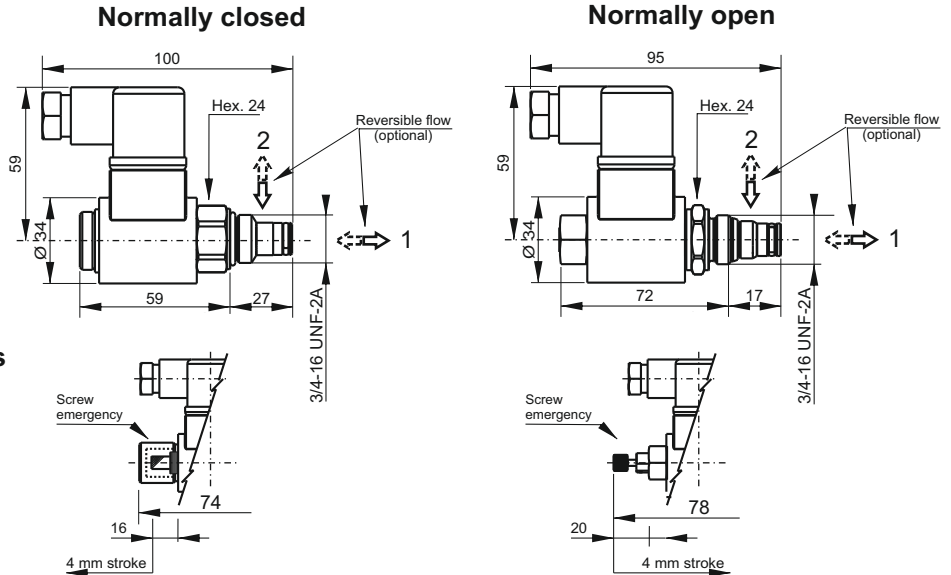


MSV - PILOT OPERATED TWO-WAY SINGLE LOCKING SOLENOID VALVES



Main features

Max pressure	up to 350 bar
Max flow	up to 30 l/min
Weight	0,11 Kg (without coil)
Internal leakage	5 drops/min at 350bar
Response time	30ms (energizing) 50ms (de-energizing)
Available voltages	12VDC 24VDC 24VAC 110RAC 220RAC
Coils (see coils table)	M630 series M631 series
Standards	EN50081-1/EN50082-2 (89/336 CEE electromagnetic comp.) 73/23/CEE / 96/68/CEE (low voltage)

Recommended tightening torque: 25 Nm
 Recommended filtration settings: 25 ÷ 50 µ
 Oil temperature: -30 ÷ + 80 °C

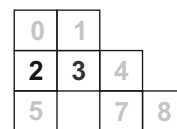
Spare part code

- MSV** — Pilot Operated 2-way Single Locking Valve
- — Options:
R = with reversible flow
- 30** — Operation:
30 = normally closed
31 = normally open
- 0** — Emergency override:
0 = no emergency (std)
E = emergency
- 0000** — Supply voltage:
0000 = no coil (std)
see coils table

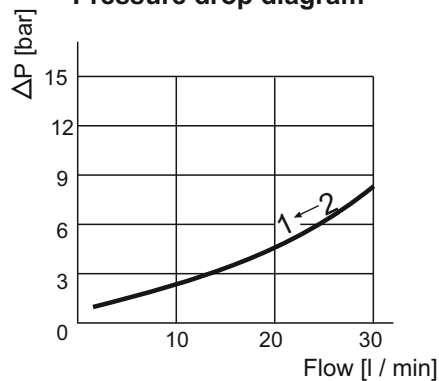
Assembly code

- A** (MSV30) Voltage
 - B** (MSV30E) Voltage
 - Q** (MSV31) Voltage
 - C** (MSV31E) Voltage
- Ex: A12DC

Mounting cavities



Pressure drop diagram



Note: Values measured on valve alone (no cavity) with an oil viscosity of 46 cSt at 50 °C. Pressure drop may change depending on fluid viscosity and temperature