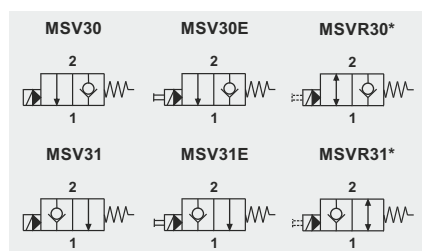
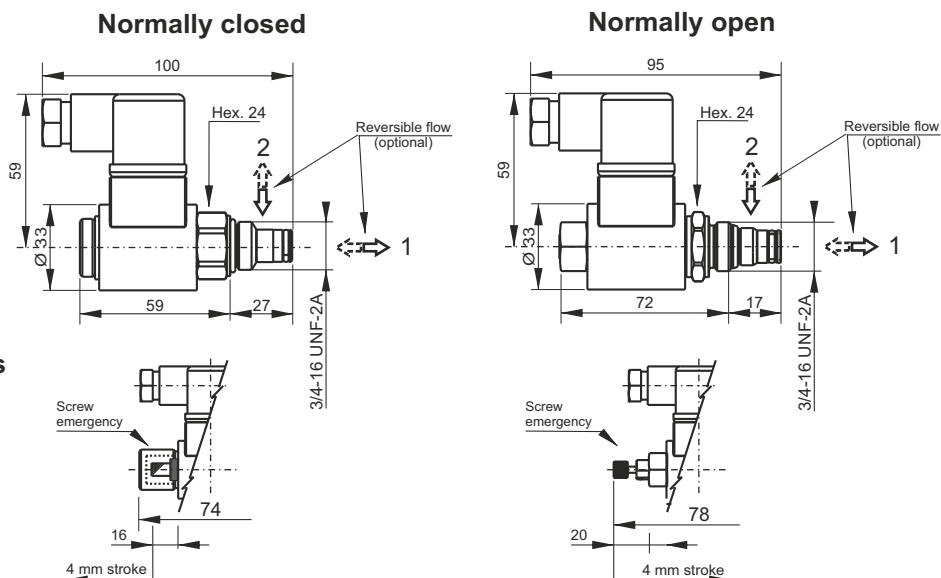


## MSV - PILOT OPERATED TWO-WAY SINGLE LOCKING SOLENOID VALVES



## Main features

Max pressure	up to 350 bar
Max flow	up to 40 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

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

## Assembly code

**A (MSV30) Voltage**  
**B (MSV30E) Voltage**  
**Q (MSV31) Voltage**  
**C (MSV31E) Voltage**

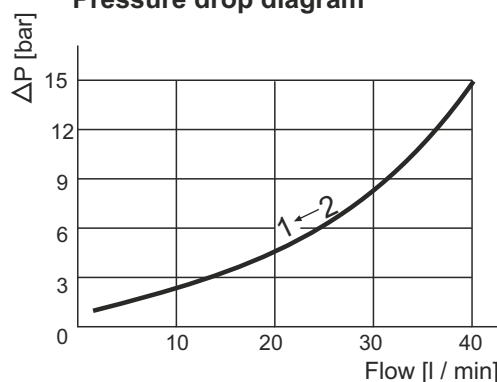
Ex: A12DC

## Mounting cavities

0	1		
2	3	4	
5	6	7	8

Note: cavities 3, 4 and 6 are present on central manifold type UB only.

## 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