

Actuators / Accessories

MV Solenoid Valve Accessories

Solenoid valves are a core functional element in temperature control units which need to meet high operational reliability requirements, as a system failure has far-reaching consequences. This is why we can offer you a product of the highest quality, made in Germany. Valves are reliably deactivated as of a differential pressure of 0.3 bar. Use of a dirt trap in front of each valve is indispensable if reliable operation is to be assured. Please observe the selection table below when choosing the right size.

Features

- ▶ Brass valve body
- ▶ Internal thread on both sides
- ▶ Closed when not energised
- ▶ Pre-pressure 0.3 bar

Designation	Design	Order no.	Unit price/€
MV-24-1/2"-MS-DN13	Solenoid valve 1/2" DN13, 24 VAC	300.0350	
MV-24-3/4"-MS-DN25	Solenoid valve 3/4" DN25, 24 VAC	300.0357	
MV-24-1"-MS-DN25	Solenoid valve 1" DN25, 24 VAC	300.0358	
MV-KAB 3m, LED, Var, 24V	Solenoid valve cable with socket, length 3m	300.0112	



300.0350
300.0357
300.0358



300.0112

Valve Selection acc. to Tank Size

Nominal diameter	Ferm. cooling only	With timing
1/2" DN13	up to 18,000 litres	up to 7,500 litres
3/4" DN25	up to 65,000 litres	up to 26,000 litres
1" DN25	up to 80,000 litres	up to 32,000 litres

Precondition: Minimum water differential pressure on tank connection 1 bar;
Pressure drop on valve < 0.15 bar

KH/MA-24 Motor Ball Valve Accessories

Motor ball valves represent an alternative to solenoid valves when it comes to avoiding pressure surges in the water system. Use of a dirt trap is recommended.

Features

- ▶ Brass valve body
- ▶ Motor drive 24 V/50 Hz; power input 2 VA
- ▶ IP 54 protection rating
- ▶ Actuating time 120s
- ▶ Integrated emergency adjustment
- ▶ Connecting cable 1.2 m

Designation	Design	Order no.	Unit price/€
KH-1/2"-DN15	Bottom ball valve part 1/2", DN15	300.0203	
KH-3/4"-DN20	Bottom ball valve part 3/4", DN20	300.0202	
KH-1"-DN25	Bottom ball valve part 1", DN25	300.0204	
MA-24	Motor drive for KH-x"	300.0210	

Larger models available on request



300.0210

300.0203
300.0202
300.0204

MBV Motor Ball Valve Accessories

Features

- ▶ Nickel-plated brass valve body
- ▶ Pressure range/max. differential pressure: 16 bar/6 bar
- ▶ Integrated emergency adjustment
- ▶ Valve characteristic: linear
- ▶ Leakage rate: 0.01 %
- ▶ Rel. humidity: 0... 80 % rH non-condensing
- ▶ Ambient temperature range: 0... +55 °C
- ▶ Operating voltage: 24 V AC
- ▶ Adjustment time: 30 s/90°
- ▶ Operating/Standby power input: 9 VA/0.5 VA
- ▶ Protection rating: IP65
- ▶ Connecting cable: H03VV-F 5x0.5mm²; length 3m

Designation	Design	Order no.	Unit price/€
MBV-24-1/2"-MS-NI-DN15	1/2", DN15, fluid temperature: 5... 110 °C	300.0180	
MBV-24-3/4"-MS-NI-DN20	3/4", DN20, fluid temperature: 5... 110 °C	300.0181	
MBV-24-1"-MS-NI-DN25	1", DN25, fluid temperature: 5... 110 °C	300.0182	
MBV-24-1/2"-MS-NI-HL-DN15	1/2", DN15, fluid temperature: -10... 80 °C	300.0183	
MBV-24-3/4"-MS-NI-HL-DN20	3/4", DN20, fluid temperature: -10... 80 °C	300.0184	
MBV-24-1"-MS-NI-HL-DN25	1", DN25, fluid temperature: -10... 80 °C	300.0185	

Please order the dirt trap separately



300.0180 to 300.0185