

Actuators / Accessories

MV Solenoid Valve Accessories

Solenoid valves are a core functional element in temperature control admittment 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.

Features

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

Designation	Details	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-24-1/2"-MS-NI-DN13	Solenoid valve 1/2" DN13, 24VAC, nickel-plated	300.0106	
MV-24-3/4"-MS-NI-DN25	Solenoid valve 3/4" DN25, 24VAC, nickel-plated	300.0107	
MV-24-1"-MS-NI-DN25	Solenoid valve 1" DN25, 24VAC, nickel-plated	300.0108	
MV-KAB 3m, LED, Var, 24V	Solenoid valve cable with socket, length 3m	300.0112	



300.0350
300.0357
300.0358



300.0106
300.0107
300.0108



300.0112

MTV Motor Ball Valve Accessories

This series developed especially for the beverage industry stands out through its excellent performance data. The units are available in two designs for normal cold water applications and in an HL version for low-temperature applications. The standard "Valve open" normally open dry contact can be used to release pumps.

Features

- ▶ Valve body: Stainless steel 1.4301 (SS304)
- ▶ Operating voltage: 24 V AC/DC (UC 9... 35V)
- ▶ Power input: Max. 15VA
- ▶ Ambient temperature: -15... +50 °C
- ▶ Media temperature: 300.026x: 1... 90 °C; 300.028x: -10... 90 °C
- ▶ Adjustment time: < 5s/90°
- ▶ Protection rating: IP65
- ▶ "Valve open" switch contact : 1S, 9... 35V AC/DC;
- ▶ Integrated position indicator
- ▶ Connecting cable: AWG20, 5x0.75mm^{2h}, length 3m

Designation	Details	Order no.	Unit price/€
MTV-24-SS304-1/2"	2 x internal thread 1/2", DN15	300.0260	
MTV-24-SS304-3/4"	2 x internal thread 3/4", DN20	300.0261	
MTV-24-SS304-1"	2 x internal thread 1", DN25	300.0262	
MTV-24-SS304-HL-1/2"	2 x internal thread 1/2", DN15	300.0280	
MTV-24-SS304-HL-3/4"	2 x internal thread 3/4", DN20	300.0281	
MTV-24-SS304-HL-1"	2 x internal thread 1", DN25	300.0282	

Please order the dirt trap separately; larger modules are available on request



300.0260 to 300.0262



300.0280 to 300.0282

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: 24V 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	Details	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

Cooling Technology

KH/MA-24 Motor Ball Valve Accessories

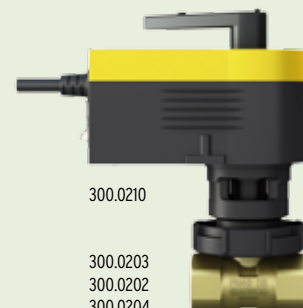
Motor ball valves represent an alternative to solenoid valves when it comes to avoiding pressure surges in the water system. Use of a dirt trap is recommended.

Features

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

Designation	Details	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



ZA-RT Motor Ball Valve Accessories

This extremely robust and reliable motor-driven valve is the ideal control actuator for temperature control units in wineries and the beverage industry. It can be regarded as a high-end unit due to its solid design and high-quality material characteristics.

Features

- ▶ Valve body: stainless steel (1.4408)
- ▶ Operating voltage: 24 V/50 Hz; +/-10%
- ▶ Power input: 15 W / 30% ED / cos phi = 0.75
- ▶ Operating temperature: -10 °C... +55 °C
- ▶ Media temperature: -20 °C... +120 °C
- ▶ Adjustment time: 7... 13 s/90 °
- ▶ Protection rating: IP65
- ▶ Auxiliary limit switch: each 1U, 4... 230 V AC/DC; 10 mA... 5 A max
- ▶ Integrated emergency adjustment with position indicator
- ▶ Connection: DIN43650 socket (scope of delivery)

Designation	Details	Order no.	Unit price/€
ZA-RT-24-1/2"-VA	1/2", DN15	300.0130	
ZA-RT-24-3/4"-VA	3/4", DN20	300.0131	
ZA-RT-24-1"-VA	1", DN25	300.0132	

Please order the dirt trap separately; larger modules are available on request



300,0130 to 300,0132

SF Brass/Stainless Steel Dirt Trap Accessories

Designation	Details	Order no.	Unit price/€
SF-1/2"-MS/VA	1/2" DN15, internal thread on both sides, brass/1.4408	304.0014/0250	
SF-3/4"-MS/VA	3/4" DN20, internal thread on both sides, brass/1.4408	304.0015/0251	
SF-1"-MS/VA	1" DN25, internal thread on both sides, brass/1.4408	304.0016/0252	
SF-1 1/4"-MS/VA	1 1/4" DN32, internal thread on both sides, brass/1.4408	304.0017/0253	

Larger models available on request



304,0014 to 304,0017



304,0250 to 304,0253

TSH Immersion Shaft Sleeve Accessories

Designation	Details	Order no.	Unit price/€
TSH-230-S	3/8" ET, M12x1.5mm IT, 1.4301, screw-in design	301.0006	
TSH-230-W	Weldable, M12x1.5mm IT, 1.4301	301.0007	
TSH-230-HF	Wooden thread, M12x1.5mm IT, 1.4404	301.0029	
TSH-230-NW20-S	NW20, M12x1.5mm IT, 1.4301, screw-in design	301.0030	
TSH-230-1/2"-S	1/2" ET, M12x1.5mm IT, 1.4301, screw-in design	301.0031	
TSH-230-ZLK	Mobile for bunghole valve M12x1.5mm IT, 1.4301	301.0033	
TSH-230-NW10-S	NW10, M12x1.5mm IT, 1.4301, screw-in design *)	301.0034	
TSH-230-NW10/Clip-S	NW10, M12x1.5mm IT, 1.4301, screw-in design	301.0035	

*) Only suitable for cable probe TF-5-8/15

