



Series
MV

Mini Brass Ball Valve

Economical, Blowout-Proof Stem



Series MV Mini Brass Ball Valves are ideal for use in small, confined spaces, where larger valves are inappropriate. Installation is made easy with a choice of Female x Female or Male x Female process connections. Pure PTFE ball seats provide broad media compatibility and bubble tight shutoff. Double seal system allows valve to be operated in both directions. All handles are nylon, except a screwdriver type with a slotted screw. Wedge handle and screwdriver style have a blowout-proof brass stem for maximum safety and durability.

SPECIFICATIONS

Service: Gases and liquids compatible with wetted materials. Not rated for steam use.

Wetted Materials:

- Valve Body: Nickel Plated Brass (CW617N).
- Valve Ball: Chrome-Plated Brass.
- O-ring Stem Seal: Fluoroelastomer.
- Ball Seats: PTFE.

Pressure Limits:

- MV4: -29" Hg to 200 psi (-736 mm Hg to 13.8 bar) (CWP).
- MV5: -29" Hg to 450 psi (-736 mm Hg to 31 bar) (CWP).

Temperature Limits:

- MV4: -4 to 200°F (-20 to 93.3°C).
- MV5: -4 to 250°F (-20 to 121°C).

Connections: NPT, See model chart.

Valves

MODELS

Series MV Mini Brass Ball Valves						
Handle Style	Pipe Size	Cv Value	Max. Pressure	Female x Female	Male x Female	
				Model	Model	
Lever Handle	1/8"	5.3	200 psi (CWP)	MV4-LF1	MV4-LM1	
	1/4"	6.6		MV4-LF2	MV4-LM2	
	3/8"	6.6		MV4-LF3	MV4-LM3	
	1/2"	11		MV4-LF4	MV4-LM4	
Tee Handle	1/8"	5.3		MV4-TF1	MV4-TM1	
	1/4"	6.6		MV4-TF2	MV4-TM2	
	3/8"	6.6		MV4-TF3	MV4-TM3	
	1/2"	11		MV4-TF4	MV4-TM4	
Wedge Handle	1/8"	5.3	450 psi (CWP)	MV5-WF1	MV5-WM1	
	1/4"	6.6		MV5-WF2	MV5-WM2	
	3/8"	6.6		MV5-WF3	MV5-WM3	
	1/2"	11		MV5-WF4	MV5-WM4	
Screwdriver Slot	1/8"	5.3		MV5-SF1	MV5-SM1	
	1/4"	6.6		MV5-SF2	MV5-SM2	
	3/8"	6.6		MV5-SF3	MV5-SM3	
	1/2"	11		MV5-SF4	MV5-SM4	