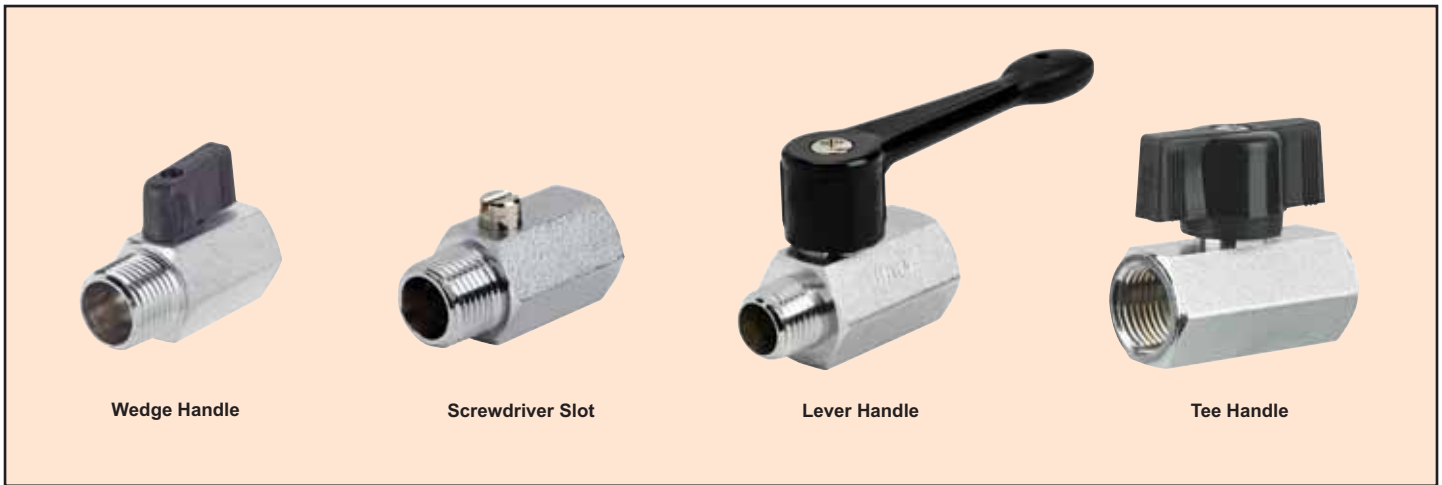




Series  
MV

# 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.

**End Connections:** NPT, See model chart.

### 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).

### Wetted Materials:

Valve Body: Nickel Plated Brass (CW617N).

Valve Ball: Chrome-Plated Brass.

O-ring Stem Seal: Fluoroelastomer.

Ball Seats: PTFE.

Series MV Mini Brass Ball Valves

| Handle Style     | Pipe Size | Cv Value | Max. Pressure | Female x Female | Male x Female |
|------------------|-----------|----------|---------------|-----------------|---------------|
| Lever Handle     | 1/8"      | 5.3      | 200 psi (CWP) | <b>Model</b>    | <b>Model</b>  |
|                  | 1/4"      | 6.6      |               | MV4-LF1         | MV4-LM1       |
|                  | 3/8"      | 6.6      |               | MV4-LF2         | MV4-LM2       |
|                  | 1/2"      | 6.6      |               | MV4-LF3         | MV4-LM3       |
|                  |           | 11       |               | MV4-LF4         | MV4-LM4       |
| Tee Handle       | 1/8"      | 5.3      | 200 psi (CWP) | MV4-TF1         | MV4-TM1       |
|                  | 1/4"      | 6.6      |               | MV4-TF2         | MV4-TM2       |
|                  | 3/8"      | 6.6      |               | MV4-TF3         | MV4-TM3       |
|                  | 1/2"      | 6.6      |               | MV4-TF4         | MV4-TM4       |
|                  |           | 11       |               |                 |               |
| 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"      | 6.6      |               | MV5-WF4         | MV5-WM4       |
|                  |           | 11       |               |                 |               |
| Screwdriver Slot | 1/8"      | 5.3      | 450 psi (CWP) | MV5-SF1         | MV5-SM1       |
|                  | 1/4"      | 6.6      |               | MV5-SF2         | MV5-SM2       |
|                  | 3/8"      | 6.6      |               | MV5-SF3         | MV5-SM3       |
|                  | 1/2"      | 6.6      |               | MV5-SF4         | MV5-SM4       |
|                  |           | 11       |               |                 |               |