Two-Piece Hand Lever Brass Ball Valve

Full Port, Economical, Blowout-Proof Stem

**THE SERIES BV2MB** is an economical hand lever ball valve for commercial and general industrial use. The Series BV2MB is perfect as a manual shut off valve for hot and cold water systems. Valve body, body cap, and ball are made of quality brass. Seats and stem packing are constructed of TFE for long lasting service. Blowout-proof stem provides safety in the event of overpressure. Full port design allows for maximum Cv and minimal pressure drop.

### SPECIFICATIONS

**End Connections:** 1/4” to 2” female NPT.

**Pressure Limit:**
- 1/4” to 1”: 600 psi (41.4 bar), 1-1/4” to 2”: 400 psi (27.6 bar), 2-1/2” to 3”: 200 psi (13.8 bar) WOG.

**Wetted Materials:**
- Body and body cap: forged brass (ASTM B283-C37700); ball and stem: brass; seat and packing: TFE.

**Temperature Limit:** 10 to 200°F (-12 to 93°C).

**Other Materials:** Body seal: rubber; handle: plated steel; nut and gasket: brass.

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**Series DV**

Timed Automatic Drain Valve

Motorized Ball Valve with Adjustable Digital Timer

**Series DV** is an automatic drain system designed to eliminate the need to manually drain water and harmful sediments from your compressed air system, thereby improving the system's performance. The unit can be used on receivers, dryers, tanks, and drop legs for sampling and purging a wide variety of liquids. The Series DV has a heavy-duty motor for operation under adverse conditions and an adjustable timer to meet specific user requirements. By design, the Series DV eliminates major drawbacks of other compressed air draining systems. The valve is brass for corrosion resistance and it is a full port ball valve giving maximum and unobstructed flow with no clogging. A test button allows for the unit to be cycled at any time. It is mountable in any position for easy plumbing and trouble free operation.

### SPECIFICATIONS

**Body:** 2 – piece.

**Line Size:** 1/4” to 1”.

**End Connections:** Female NPT.

**Pressure Limit:** 200 psi (13.8 bar).

**Wetted Materials:**
- Body, end cap: Forged brass ball; Stem: Chrome plated brass; Seat: RTFE; Stem seal: Fluoroelastomer; Bushings: Brass.

**Temperature Limits:** 35 to 165°F (2 to 74°C).

**Other Materials:** Thrust washer: RTFE; Fasteners: Stainless steel.

**Discharge Time:** 3.5 seconds non-adjustable.

**Discharge Volume Cycle:**
- 1/2”: 0.92 gal @ 80 psi (valve only);
- 3/4”: 1.64 gal @ 80 psi;
- 1”: 2.50 gal @ 80 psi.

**ACTUATOR**

**Electric**

**Power Requirements:** 110 VAC, 60 Hz, single phase.

**Power Consumption:** 2.5 A.

**Cycle Time Adjustable:** 5 min, 10 min, 15 min, 30 min, 1 hr, 2 hr, 4 hr, 8 hr, 16 hr, 24 hr.

**Enclosure Rating:** NEMA 4.

**Housing Material:** Polycarbonate.

**Electrical Connection:** 18 AWG X 3 C, 8 ft (2.4 m) power cord.