

LEVEL CONTROL VALVE

with Modulating Horizontal Float

Model 750-60-M5/M5L/M6

Reservoir filling is accomplished in response to a hydraulically controlled modulating horizontal float that maintains a constant water level, regardless of fluctuating demand.

The BERMAD 700 Series large size control valves are hydraulically operated, diaphragm actuated type. Unique hydro-dynamic globe valve design with a special open plug provides high flow capabilities. The valves are available in the standard configuration or with an Independent Check Feature code "2S".



[Click here for control accessories](#)



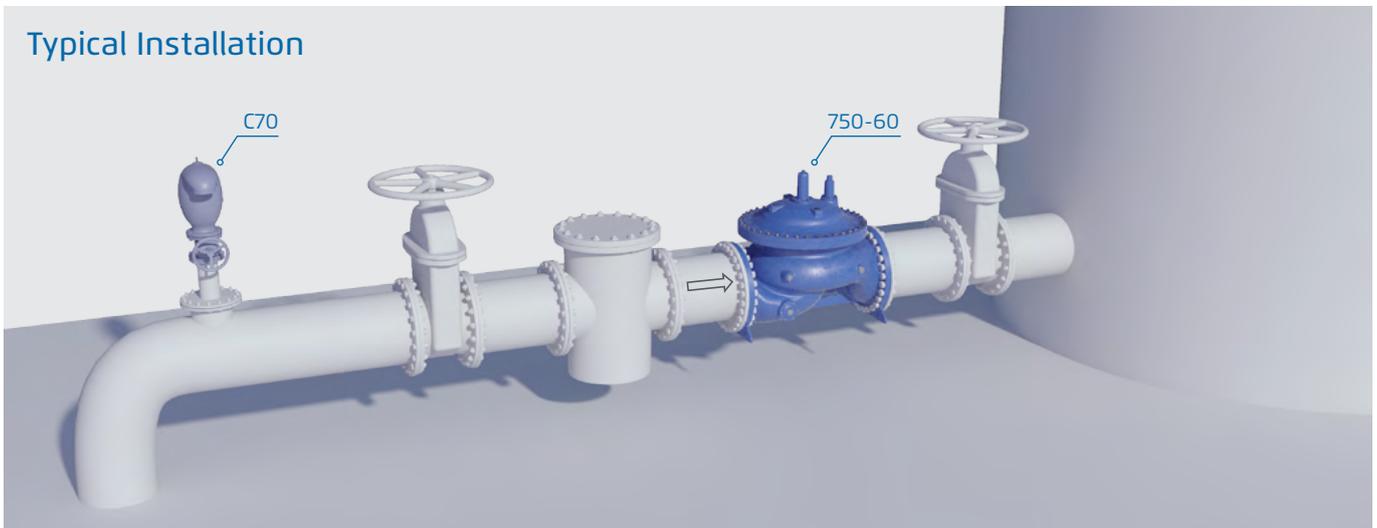
Features and Benefits

- Hydrodynamic wide globe valve body provides:
 - Higher flow (Kv; Cv) than standard globe valves
 - Higher resistance to cavitation damage
- In-line serviceable
- Valves are suitable for working with all types of command: Hydraulic, Electric and Pneumatic.
- Self-operated valves that can work without an external source of power.
- Wide range of options and accessories:
 - One-way or two-way flow direction
 - V-Port
 - Cavitation cage
 - Visual position indicator
 - Limit switches
 - Analog opening output
 - Large selection of control accessories
 - Double chamber actuation (700-M6)
 - Large inspection and service ports (700-M5L)

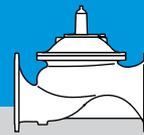
Major Additional Features:

- Pressure sustaining – 753-60-M5/M5L/M6
 - Flow control – 757-60-U-M5/M5L/M6
 - Electric float backup – 750-65-60-M5/M5L/M6
 - Independent Check Feature – 750-60-2S- M5/M5L/M6
- See relevant BERMAD publication

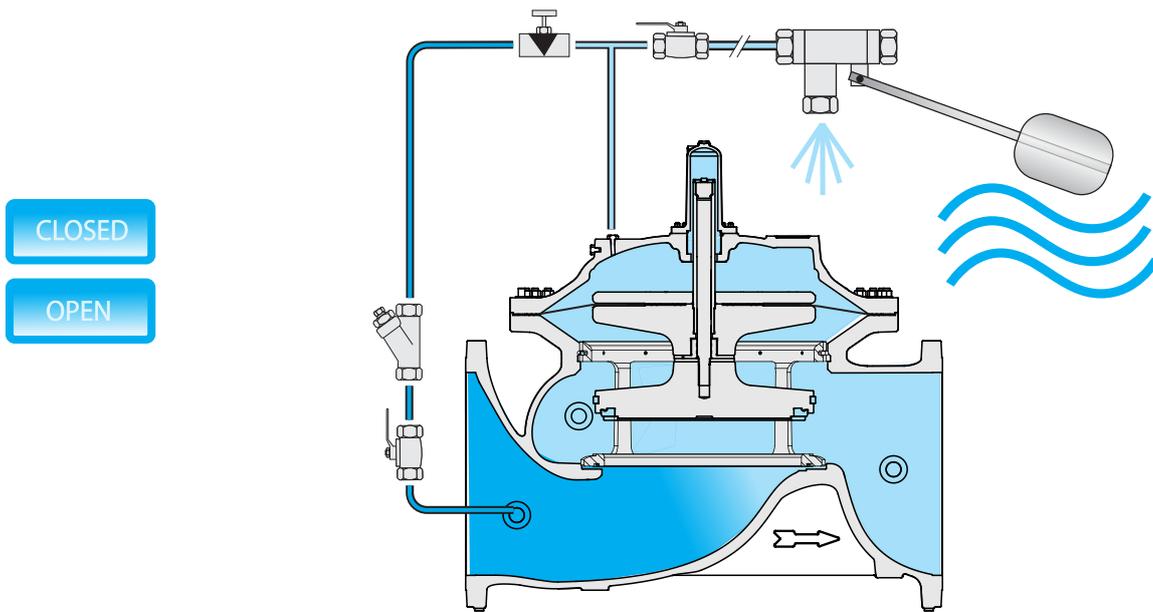
Typical Installation



All images in this catalog are for illustration only



Model 750-60-M5/M5L/M6



Main Valve

Valve Pattern: Globe

Size Range: DN 500-1200; 20"-48"

Pressure Rating: 40 bar; 600 psi

End Connections: Flanged

Temperature Rating: 60°C; 140°F for Cold water applications.

Optional higher temperature: Available on request

Coating: Dark blue Fusion bonded epoxy

Control System

Standard Materials:

Accessories: Stainless Steel, Bronze & Brass

Tubing: Stainless Steel or Copper

Fittings: Stainless Steel or Brass

Float Pilot Standard Materials:

Body: Stainless Steel or Brass

Internals: Plastic

Notes

- Float pressure rating: 16 bar; 230 psi.
- Inlet pressure, outlet pressure and flow rate are required for optimal sizing and cavitation analysis.
- Recommended continuous flow velocity: 0.1-6.0 m/sec; 0.3-20 ft/sec.
- Minimum operating pressure: 0.7 bar/10 psi. For lower pressure requirements consult factory.
- See BERMAD float installation recommendation

