



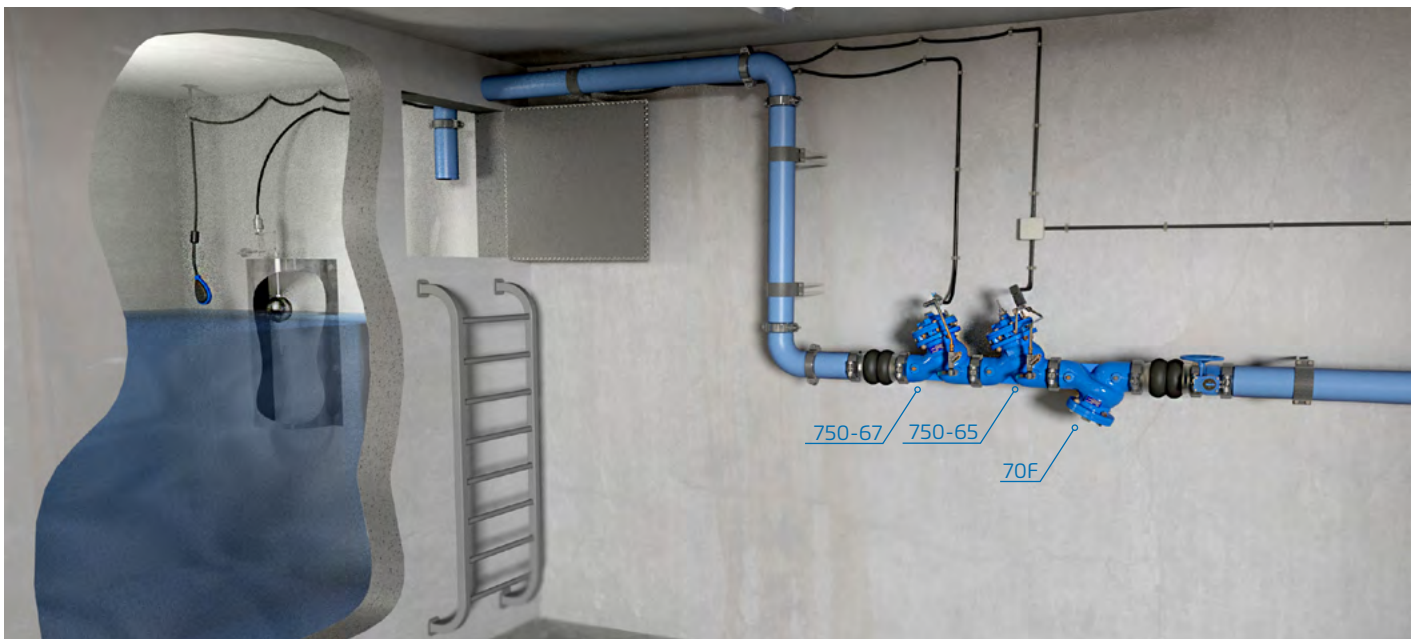
LEVEL CONTROL VALVE

with Modulating Vertical Float

Model 750-67

Reservoir Level Control valve with Modulating Vertical Float is a hydraulically controlled, diaphragm actuated control valve that controls reservoir filling to maintain constant water level, regardless of fluctuations in demand.

BERMAD 700 series valves are hydraulic, oblique pattern, globe valves with double chamber unitized actuator, that can be disassembled from the body as a separate integral unit. The valve's hydrodynamic body is designed for unobstructed flow path and provides excellent and highly effective modulation capacity for high differential pressure applications.



Water Reservoir Level Control System, featuring the 750-67 that maintains constant water level in the reservoir. As backup another level control valve is stationed upstream and calibrated to a slightly

higher water level. The backup valve can be specified to operate hydraulically (750-66) or electrically (750-65).

Typical Application

- Level Control in water reservoirs of buildings, including basements and roof-top reservoirs, pressure breaking tanks, emergency water storage, and so others.
- Priority and backup management of reservoirs
- Constant level control systems where maintaining full tank level is required
- Level control of undersized tanks in potable water systems in buildings



Features and Benefits

- High Quality Construction Materials - Reliable, resilient and long lasting operation
- Robust Design - Suitable for constant, intense operation
- In-Line Serviceable - Quick and easy maintenance and service
- Line Pressure Driven - Independent operation, no external power needed
- Unitized Actuator Assembly - Minimal downtime
- Accurate and reliable level control; prevents reservoir overflow and cut-offs
- Ensures uninterrupted supply for building occupants dependent on reservoir system for their water needs
- Easy to horizontally mount and calibrate lightweight float; simple installation and maintenance, long lasting smooth and reliable operation
- 2-way control loop - maintains accurate and stable reservoir level; specially suitable for large surface / low depth tanks
- Float can be installed in a stilling tank, isolating it from waves in the main water tank

Technical Data

General:

End connections:

Grooved / Flanged / Threaded

Pressure Rating: 400 psi; PN25

Valve Pattern: Y (Oblique) / Angle

Working Temperature:

Cold Water up to 140°F; 60°C

Optional Higher Temperatures:

Available on request

Main Valve Materials:

Body, Cover and Partition:

Standard: Ductile Iron

Optional: Stainless Steel 316

Seat: Stainless Steel

Internals:

Stainless Steel, Tin Bronze & Coated Steel, POM

Diaphragm: Fabric-reinforced synthetic rubber

Seals: Synthetic rubber

Coating: Blue Fusion bonded epoxy

Control Trim Materials:

Control Accessories:

Stainless Steel / Bronze & Brass

Tubing: Stainless Steel / Copper

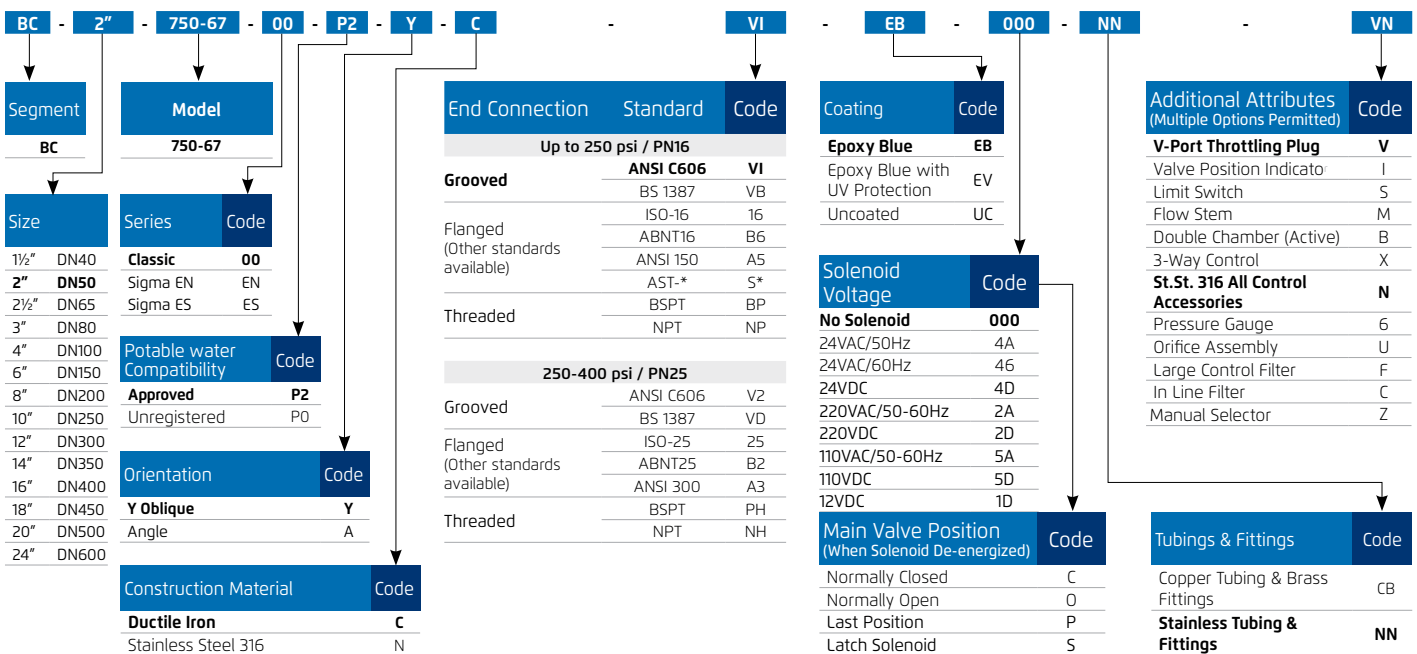
Fittings: Stainless Steel / Brass

* For other optional material consult BERMAD.

** Materials may vary according to sanitary standard.

How To Order

Please Specify the requested valve in the following sequence:



NSF 61/372 USA



Bulgarkontrola Bulgaria



ACS France



GOST Russia



PZH Poland

Manufactured and Tested According to AWWA C530-12 Requirements

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