CHECK VALVE

Lift Type

Model 70N

The Check Valve is a non-slam, lift type, non return valve that opens to allow flow in the required direction and smoothly closes drip tight to prevent back flow.

BERMAD 700 SIGMA EN series valves are oblique pattern, globe valves with a raised seat assembly and removeable internal assembly that can be disassembled from the body as a separate integral units. The valves hydrodynamic body is designed for unobstructed flow path. They meet size and dimensions requirements of various standards.



Features & Benefits

- Certified to functional and drinking water standards: EN-1074, NSF-ANSI 61-372, WRAS, AS 5081 and others
- Non-slam closing – Eliminates system surges
- Drip tight sealing
- "Y" Pattern, wide body – Minimized pressure loss
- Semi-straight flow – Non-turbulent flow
- Stainless Steel raised seat - Cavitation damage resistant
- Obstacle free, full bore – Uncompromising reliability
- High quality materials
- In-line serviceable - Easy maintenance
- Flexible design - Easy addition of features

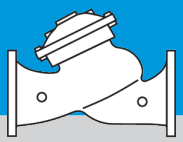
Typical Applications

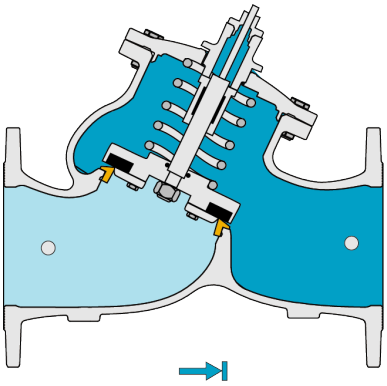
- Pumping and booster station check valve
- Reduce surge by preventing backflow in uphill and vertical pipes
- Ensure one-way flow where required

Typical Installation

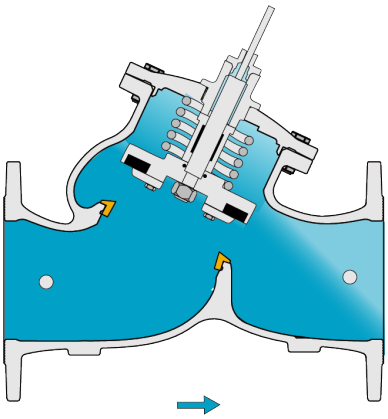


All images in this catalog are for illustration only





Closed



Open

Main Valve

Size Range: 1½"-16"; DN40-400 (EN Series)
Pattern: "Y" (globe)
Pressure Rating: 16 bar; 25 bar
End Connection: Flanged
Temperature Rating: 80°C
For 60–80°C consult factory

Standard Materials:

Body & Cover: Ductile Iron
Bolts, Nuts & Studs: Stainless Steel
Internals: Stainless Steel, Brass & POM-C
Diaphragm: Fabric-reinforced synthetic rubber
Seals: Synthetic rubber
Coating: Dark blue Fusion bonded epoxy
For other materials contact BERMAD

Notes

For detailed Engineering & Specification data, IOM and CAD Drawings, visit the Model Page on the BERMAD website.

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