

CHECK VALVE

Lift Type

Model 70N EN

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 remove-able internal assembly that can be disassembled from the body as a separate integral unit. The valves hydrodynamic body is designed for unobstructed flow path. They meet size and dimensions requirements of various standards.



Features and Benefits

- 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
- Obstacle free, full bore – Uncompromising reliability
- Compatible with various standards
- High quality materials
- In-line serviceable – Easy maintenance
- Flexible design – Convertible to hydraulic valve

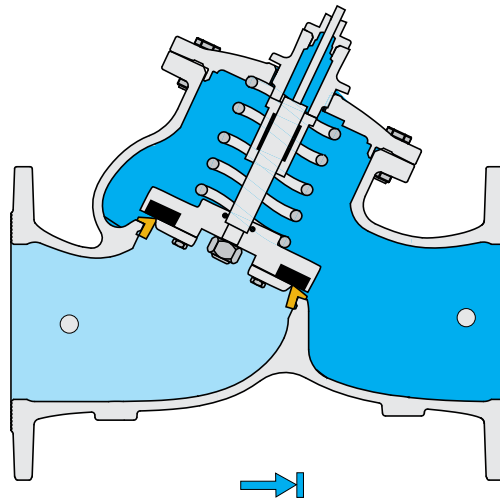
Major Additional Features

- Valve position indicator – 70N-I
 - Electric limit switch – 70N-S
 - Flow Stem – 70N-M
 - Double check valve – 72N
- See relevant BERMAD publications.

Typical Installation



All images in this catalog are for illustration only



Main Valve

Valve Patterns: "Y" (Globe)

Size Range: 1½-16"; 40-400 mm (EN Series)

Pressure Rating: 25 bar; 400 psi

End Connections: Flanged (all standard)

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

Optional higher temperature: Available on request

Standard Materials:

Body & cover: Ductile Iron

Bolts, nuts & studs: Stainless Steel

Internals: Stainless Steel, Bronze & Composite Materials

Seals: Synthetic rubber

Coating: Dark blue Fusion bonded epoxy

Notes

- Inlet pressure, outlet pressure and flow rate are required for optimal sizing
- Recommended continuous flow velocity: 0.1-6.0 m/sec; 0.3-20 ft/sec

For detailed Engineering & Specification data, IOM and CAD Drawings, visit the Model Page on the [BERMAD](http://www.bermad.com) website.