

# 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 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

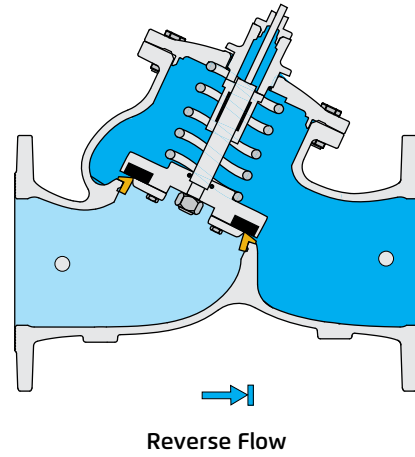
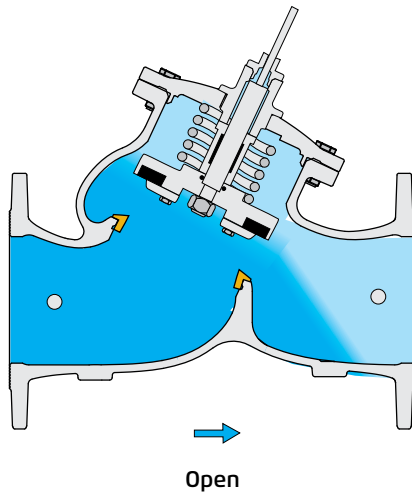
## Major Additional Features

- Valve position indicator – 70N-I
  - Electric limit switch – 70N-S
- 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, Brass, Polymeric

**Seals:** Synthetic rubber

**Coating:** Dark blue Fusion bonded epoxy

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