

CHECK VALVE

Lift Type

Model 70N EN/ES

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.

- Pump check valve
- One-way zone isolation
- Return flow prevention



[Click here for control accessories](#)



HOME VIEW

Features and Benefits

- **Non-slam closing** – Eliminates system surges
- **In-line serviceable** – Easy maintenance
- **Flexible design** – Convertible to hydraulic valve
- **"Y" or angle, wide body** – Minimized pressure loss
- **Semi-straight flow** – Non-turbulent flow
- **Stainless Steel raised seat** – Cavitation damage resistant
- **Obstacle free, full bore** – Uncompromising reliability

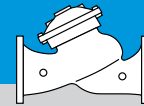
Major Additional Features

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

Typical Installation

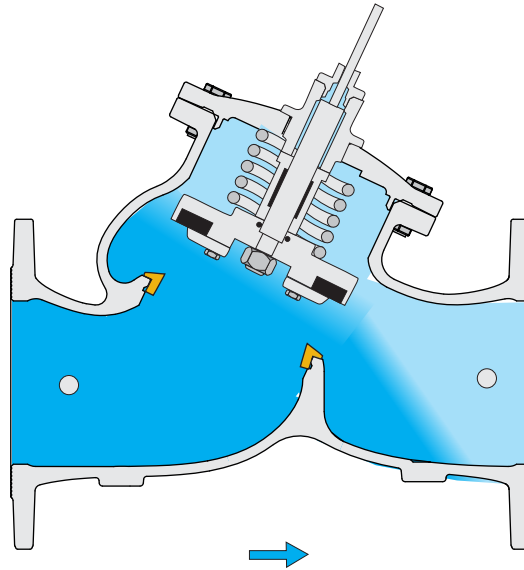


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Reverse Flow

OPEN



This drawing refers to 1½ – 8"; 40-200 mm sized valves only. For other sizes please refer to the Model's IOM.

Main Valve

Valve Patterns: "Y" (Globe)

Size Range:

EN Series: 1½-16"; 40-400 mm

ES Series: 2½-24"; 65-600 mm

Pressure Rating: 25 bar; 400 psi

End Connections: Flanged (all standard)

Plug Types: Flat disc, V-port, Cavitation cage

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

Optional higher temperature: Available on request

Standard Materials:

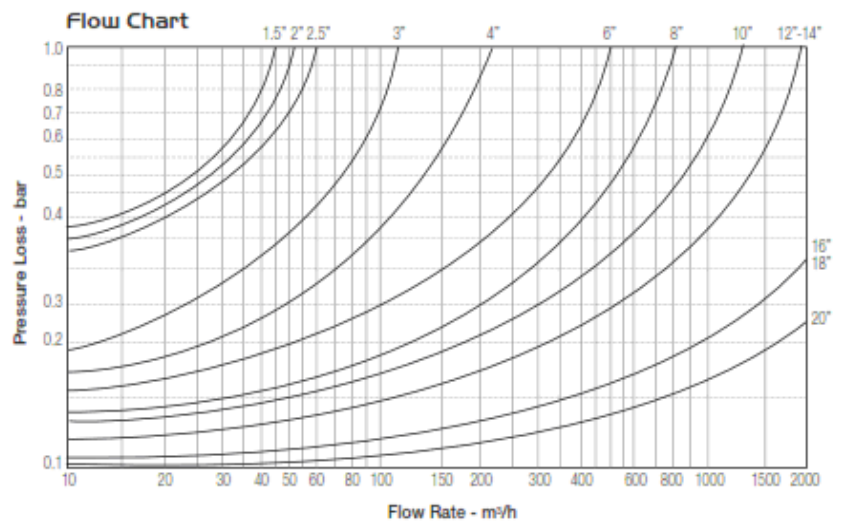
Body & actuator: Ductile Iron

Bolts, nuts & studs: Stainless Steel

Internals: Stainless Steel, Tin Bronze & Coated Steel

Seals: Synthetic rubber

Coating: Dark blue Fusion bonded epoxy



Notes

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- Recommended continuous flow velocity: 0.1-6.0 m/sec; 0.3-20 ft/sec

