

Ball Type Check Valve



Description

A ball check valve is a check valve in which the closing member, the movable part to block the flow, is a ball. In some ball check valves, the ball is spring-loaded to help keep it shut. For those designs without a spring, reverse flow is required to move the ball toward the seat and create a seal. The interior surface of the main seats of ball check valves are more or less conically-tapered to guide the ball into the seat and form a positive seal when stopping reverse flow.

Features

- ✓ Small and simple design and hence Cheaper.
- ✓ Minimal wear on moving parts
- ✓ Light Weight

Material Specification

Body	Ductile Iron /Cast Iron
Cover	Ductile Iron /Cast Iron
Ball	Aluminum with EPDM or Ductile Iron with EPDM
Internal, External Bolts, Nuts	Stainless Steel / Galvanized Steel
Sizes	DN 40 – DN 600
Pressure Rating	PN10/16/25
Hydraulic Test	1.1xPN for Seat & 1.5xPN for Body
Coating	Nontoxic Epoxy Internally & Externally