

Sliding Ball Check Valve for Water and Corrosive Fluids

This sliding ball check valve is designed for use with water and weak corrosive fluids. The valve allows flow in one direction, preventing backflow and ensuring system integrity.



ADDITIONAL IMAGES



Product Overview

Sliding Ball Check Valve Technology

This sliding ball type check valve utilizes a rubber-coated ball that slides within an integrated chute to open and close based on line pressure. Its design eliminates noise and water-hammering while providing excellent sealing capabilities. Featuring a full-bore construction, this valve minimizes flow resistance and pressure loss, making it significantly more efficient than traditional swing check valves.

Technical Specifications

Nominal Pressure

1 MPa

Minimum Pressure

1.6 MPa

Maximum Pressure

Nominal Diameter Range

50 mm

Maximum Nominal Diameter

350 mm

Operational Conditions

Working Temperature

0 - 80°C

Suitable Media

Water, Weak Corrosive Fluids

Compliance and Standards

Flanged End Standards

- GB/T 17241.6
- GB9113

Inspection and Test Standards

- GB/T 13927
- API 598

Industry Certifications

ISO 9001:2000 • CE • UL • ROHS

Installation and Application

Installation

Can be installed vertically or horizontally

Recommended Applications

Cold Water Systems, Hot Water Systems, Industrial Pipelines, Sewage Pipelines, Sewage Submersible Pumps