

Pipeline Pigging Fixed Ball Valve

Stationary ball valves utilize a floating valve seat that moves with medium pressure to compress the seal on the ball, ensuring a tight closure. Often mounted with ball bearings on the upper and lower shaft, this valve requires minimal operating torque, making it suitable for high-pressure and large-diameter applications.



Product Overview

High-Performance Pipeline Pigging Fixed Ball Valve

This stationary ball valve is engineered with a floating valve seat mechanism that utilizes medium pressure to ensure optimal seal compression on the ball. Designed specifically for high-pressure, large-diameter pipeline pigging operations, the valve features upper and lower shaft bearings to minimize operating torque. Recent advancements include an oil seal design that injects lubricant between sealing surfaces to form a protective oil film, further enhancing sealing reliability and reducing torque.

Technical Features

Key Performance Metrics

1 Low

Operating Torque

1 High

Pressure Rating

Valve Design

Fixed Ball Design, Floating Valve Seat, Oil Seal System, Upper and Lower Shaft Bearings

Application

Primary Applications

- Pipeline Pigging Operations
- Pipeline Cleaning
- Pipeline Inspection
- High-Pressure Fluid Systems