

Fully Welded Floating Ball Valve

This floating ball valve features a fully welded construction for enhanced structural integrity and leak-proof performance. Suitable for high-pressure and high-temperature environments, it is commonly used in oil and gas, chemical processing, and water distribution.



Overview

Fully Welded Floating Ball Valve

This fully welded floating ball valve is engineered for robust performance in demanding industrial environments, including oil, gas, and chemical processing. Its welded construction ensures superior structural integrity and leak-proof operation, while the floating ball design guarantees a tight shutoff. Designed to meet stringent industry standards like API 6D and ASME B16.34, this valve offers versatile actuation options and compatibility with a wide range of media, from water and steam to aggressive chemicals.

Technical Specifications

Diameter Range	1" - 20" (DN25 - DN500)
Pressure Rating	ANSI 150lb-2500lb (PN16-PN420)
Material Options	Carbon steel, Stainless steel, Super two-way stainless steel, Alloy steel, Special alloy steel

Standards & Compliance

Design Standards

- API 6D
- BS5351
- ASME B16.34

Design Features

Safety & Design Features

Blow-out proof stem • Key lock • Anti-fire safe design • Anti-static device • Automatic body cavity relief • Reliable Seat Seal

Operational Details

Operation Methods

- Hand wheel operation
- Gear operation
- Pneumatic operation

Applications

Compatible Media	Water, Steam, Oil, Liquefied petroleum gas, Natural gas, Coal gas, Nitric acid, Acetic acid, Oxidizing medium, Urea
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