

Handle Operated Fully Welded Ball Valve



This fully welded ball valve features a handle for manual operation. It is designed for industrial applications, providing reliable shut-off and control of fluid flow.

Product Overview

High-Performance Fully Welded Ball Valve

This fully welded ball valve is engineered for industrial reliability, offering superior performance and an extended service life compared to standard casting valves. Its robust, welded construction ensures structural integrity and prevents stress-induced deformation, making it ideal for demanding environments such as city gas, chemical processing, and power plants. Equipped with advanced sealing technology, the valve maintains a leak-free performance across varying pressure and temperature ranges.

Technical Specifications

Operating Temperature

-29 °C Min Temperature	180 °C Max Temperature
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Connection Method

Weld

Design & Testing Standards

Standard Type	Reference
Design Standard	ASME B16.34, API 6D
Test and Inspect	API 598
Face to Face	ASME B16.10

Size Range	NPS 2 - NPS 48 (DN 50 - DN 1200)
Pressure Range	Class 150 - Class 600 (1.6 MPa - 4.0 MPa)
Body Materials	A105, F304, F316

Operational Details

Driving Methods

- Electric
- Handle
- Worm Gear

Application Industries

- Centralized Heating
- Coal Gas Pipe
- Waste Gas Treatment
- Heat Supply Systems

Compatible Media

Water, Oil, Gas, Acid, Alkali