

# 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

<b>-29 °C</b> Min Temperature	<b>180 °C</b> 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

<b>Size Range</b>	NPS 2 - NPS 48 (DN 50 - DN 1200)
<b>Pressure Range</b>	Class 150 - Class 600 (1.6 MPa - 4.0 MPa)
<b>Body Materials</b>	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