

Electric Actuated Welded Ball Valve

This electric actuated ball valve provides reliable flow control for industrial applications. The fully welded construction ensures strength and leak-tight performance in high-pressure and high-temperature environments.



Overview

Industrial Electric Welded Ball Valve

This fully welded ball valve is engineered for high-performance flow control in critical industrial infrastructure, including gas pipelines, petroleum, and chemical processing. Featuring robust electric actuation, it provides precise, automated operation suitable for demanding high-pressure and high-temperature environments. Its design incorporates safety features such as anti-static devices, fire-safe construction, and automatic cavity relief to ensure reliability across diverse media types.

Technical Specifications

Diameter Range	1"-20" (DN25-DN500)
Pressure Rating	ANSI 150lb-2500lb (PN16-PN420)
Material Composition	LCC, LCB, WCB, WCC, A105, LF2, F316, F304

Design & Standards

Design Standards

- API 6D
- BS5351
- ASME B16.34

Structure Types

Two-chip • Three-chip • Casting • Forging • Buried zone extension rod

Operational Features

Safety & Design Features

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

Operation Modes

Electric Actuator • Hand Wheel • Gear • Pneumatic

Applications

Compatible Media

Water, Steam, Oil, Liquefied Petroleum Gas, Natural Gas, Coal Gas, Nitric Acid, Acetic Acid, Oxidizing Medium, Urea