

# Electric Actuated Ball Valve

This electric actuated ball valve features simple structure and good sealing performance. It is developed for high temperature and pressure applications, with a long lifetime and excellent regulation performance.

## Overview

### High-Performance Electric Actuated Ball Valve

This electric actuated ball valve is designed for high wear resistance and long-term reliability in demanding industrial environments. Featuring a simple yet robust structure, it offers excellent sealing performance and rapid opening/closing capabilities without sticking. The valve is suitable for a variety of media, including silicon powder, mineral powder, and coal powder gas transmission, making it an ideal choice for flow control and automation.

## Key Performance Metrics

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**20 Nm**

Rated Torque @ 24V

**20000 times**

Service Life Cycles

**1.6 MPa**

Max Pressure

## Actuator Specifications

### Safety Features

- Internal motor overload protection
- Parallel operation support (2 or more actuators)
- High wear resistance hardening technology

### Rated Voltage Options

DC24V, DC12V

### Motor Type

High performance brushless motor

## Valve Configuration

### Compatible Valve Types

2-way • 3-way

### Wiring & Feedback Models

B3, BD3, B3S, BD3S, B3C, BD3C

## Materials & Durability

### Materials

Brass, Stainless Steel, PPH, UPVC

### Hardening Technology

Self-formulated hard alloy hardening technology

## Applications

### Recommended Media

- Silicon powder
- Mineral powder
- Coal powder gas transmission
- Mud pump applications
- Water treatment
- Chemical processing