

# Electric Actuated Ball Valve

This electric actuated ball valve has a simple structure and provides good sealing. It is suitable for applications requiring high wear resistance.

## Overview

### High-Performance Electric Actuated Ball Valve

This electric actuated ball valve features a robust design with high wear resistance, making it ideal for demanding industrial applications. It utilizes advanced hard alloy hardening technology to provide a service life more than three times longer than conventional metal-sealed valves. Designed for versatility, it is suitable for transporting silicon powder, mineral powder, coal powder gas, and mud.

## Performance Metrics

### Key Performance Metrics

**20000 times**

Service Life Cycles

**24 Nm**

Max Torque

**1.6 MPa**

Nominal Pressure

## Actuator Specifications

### Rated Voltage

- DC 12V
- DC 24V

### Rated Torque Output

- 20Nm @ DC24V
- 15Nm @ DC12V

### Wiring & Feedback Models

B3 • BD3 • B3S • BD3S • B3C • BD3C

### Motor Features

Brushless Motor, Overload Protection, Parallel Operation Support

## Valve Construction

### Compatible Valve Types

- 2-way Valve
- 3-way Valve

### Material Options

Brass, Stainless Steel, PPH, UPVC

## Applications

### Ideal Applications

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

### Operational Benefits

- High wear resistance
- Simple structure
- Good sealing performance
- Anti-sticking operation
- Quick open/close action