

# Electric Actuated Ball Valve

This electric actuated ball valve has a simple structure and good sealing performance. It is widely used in various applications and has been developed for high temperature, high pressure, and long lifetime.

## Product Overview

### High-Performance Electric Actuated Ball Valve

This electric actuated ball valve is designed for high wear resistance and reliable flow control in demanding industrial environments. Featuring a simple yet robust structure, it ensures excellent sealing performance and rapid operation without sticking. It is particularly suitable for handling challenging media such as silicon powder, mineral powder, and coal powder gas transmission.

## Actuator Performance

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**20 Nm**

Rated Torque (24V)

**20000 times**

Service Life Cycles

**24 Nm**

Max Torque

## Technical Specifications

### Valve Configurations

- 2-way valve
- 3-way valve

### Wiring and Feedback Models

B3 • BD3 • B3S • BD3S • B3C • BD3C

### Rated Voltage Options

DC12V, DC24V

## Key Features

### Motor Technology

High performance brushless motor with internal overload protection

### Parallel Capability

Yes

### Wear Resistance

Hard alloy hardening technology providing 3x the lifetime of conventional metal-sealed valves

## Applications

### Suitable Media

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

### Target Industries

Natural Gas, Chemical, Metal Smelting, Power Generation, Mining, Food & Beverage