

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