

Electric Actuated Ball Valve

This electric actuated ball valve features a simple structure and good sealing performance. It is suitable for high temperature and high pressure applications.

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. It features a simple yet robust structure that ensures excellent sealing performance and quick operation without sticking. Developed to handle high temperatures and pressures, it is ideal for transporting abrasive materials like silicon powder, mineral powder, and coal powder gas.

Key Features

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- High wear resistance with self-formulated hard alloy hardening technology
- Service life more than three times that of conventional metal-sealed valves
- High-performance brushless motor with internal overload protection
- Supports parallel operation of two or more actuators
- Suitable for 2-way and 3-way valve configurations

Technical Specifications

Performance Metrics

20 Nm

Rated Torque (24V)

20000 times

Service Life Cycles

1.6 MPa

Pressure Rating

Actuator Series

TCN-02N-DC Series

Electrical Data

Wiring & Feedback Models

B3 • BD3 • B3S • BD3S • B3C • BD3C

Rated Voltage Options

DC12V, DC24V

Applications

Target Industries

- Natural Gas & Oil
- Chemical Industry
- Metal Smelting
- Water & Air Treatment
- Food & Beverage
- Mining & Pharmaceutical

Compatible Media

Silicon Powder, Mineral Powder, Coal Powder Gas, Mud Pump Slurry