

Electric Actuated Ball Valve PPH UPVC 1.6MPa

This is an electric actuated ball valve made of PPH UPVC with a pressure rating of 1.6MPa. It features wear resistance and a mini motor.

Overview

High-Performance Electric Actuated Ball Valve

This 1.6MPa PPH UPVC electric actuated ball valve is designed for high wear resistance and reliable flow control in demanding environments. Featuring a compact mini motor design, it offers excellent sealing performance and a simple structure that prevents sticking during operation. It is specifically engineered for longevity, with a service life significantly longer than conventional metal-sealed valves, making it ideal for transporting abrasive media like mineral powder and mud.

Performance Highlights

Key Performance Metrics

1.6 MPa

Pressure Rating

20000 cycles

Service Life Cycles

24 Nm

Max Torque

Actuator Specifications

Rated Torque

- 20Nm @ DC24V
- 15Nm @ DC12V

Actuator Series

TCN-02N-DC Series

Rated Voltage

DC12V, DC24V

Motor Technology

High performance brushless motor with internal overload protection

Technical Features

Compatible Valve Types

2-way • 3-way

Wiring & Feedback Models

B3, BD3, B3S, BD3S, B3C, BD3C

Parallel Capability

Yes

Materials & Durability

Body Material

PPH UPVC

Wear Resistance Technology

Self-formulated hard alloy hardening technology

Applications

Recommended Media

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

Target Industries

Natural Gas, Chemical, Water Treatment, Mining, Food & Beverage