

Ceramic Lined Pneumatic Flanged Ball Valve

This ceramic lined ball valve features a pneumatic actuator and flanged connections. The ceramic lining provides excellent resistance to abrasion and corrosion in demanding applications.



ADDITIONAL IMAGES



Overview

High-Performance Ceramic Lined Ball Valve

This ceramic lined pneumatic flanged ball valve is engineered for superior wear and corrosion resistance in demanding industrial environments. Utilizing advanced engineering ceramics with hardness levels exceeding HRC80, it provides exceptional durability against abrasive solids and corrosive media. Designed for versatility, this valve supports manual, pneumatic, and electric actuation, making it an ideal solution for critical flow control in industries like mining and thermal power.

Technical Specifications

Nominal Pressure

1 MPa
Rating

150 lbs
Class

Size Range

DN50 to DN200 (NPS2 to NPS8)

Working Temperature

200 °C

Flange Standards

ASME B16.5, GB/T9113

Performance Features

Core Features

- Floating ball design for high-pressure sealing
- Hardness rating exceeding HRC80
- Customizable V-type control option available
- Multi-actuation support: Manual, Pneumatic, and Electric
- Superior corrosion and abrasion resistance

Testing & Design Standards

| Standard Type | Reference |
|---------------|-------------------|
| Pressure Test | GB/T13927, API598 |
| Face to Face | GB/T12221, API609 |

Applications

Typical Media Handled

Silicon Powder, Alumina Powder, Dry Coal Powder, Limestone Slurry, Gypsum Slurry, Fly Ash, Mining Ore, Metallurgical dust