

Wear-Resistant Ceramic Double Disc Gate Valve

This pneumatic gate valve is designed for feeding and dumping dry powder in transport pipelines. It utilizes toughened ceramic for shut-off and wear resistance, incorporating pressure self-sealing and auto-rotating valve discs for enhanced sealing and prolonged operational life.



ADDITIONAL IMAGES



Product Overview

High-Performance Ceramic Gate Valve

This pneumatic ceramic double disc gate valve is engineered for the reliable handling of dry powders and abrasive materials in demanding industrial environments. Utilizing advanced structural ceramics, the valve offers superior resistance to wear, erosion, and flushing. Its innovative double-disc design, combined with spring-loaded self-sealing and automatic disc rotation, ensures long-term performance and prevents dust clogging during frequent operations.

Technical Specifications

Pressure Class

Class 150 • PN6 • PN10

Temperature Range

0 °C

Min Temperature

200 °C

Max Temperature

Standards Compliance

- Flange: ASME B16.5, GB/T9113
- Pressure Test: GB/T13927, API598
- Face to Face: GB/T12221, API609

Size Range

NPS 4 - NPS 12, DN 100 - DN 300

Operating & Design

Operating Type

Pneumatic

Sealing Material

Structural Engineering Ceramics

Applications

Recommended Industries

- Power plant ash handling systems
- Cement industry (dry powder conveying)
- Dressing works (material selection and conveying)