

Pneumatic Parallel Sliding Ceramic Gate Valve

This pneumatic ceramic gate valve is designed for feeding and dumping dry powder in transport pipelines. It utilizes toughening ceramic for shut-off and wear resistance, with a pressure self-sealing construction and valve disc auto-rotation for enhanced sealing performance and longevity.



ADDITIONAL IMAGES



Product Overview

High-Performance Ceramic Gate Valve

This pneumatic parallel sliding ceramic gate valve is engineered for demanding industrial applications involving dry powder transport, feeding, and dumping. Utilizing toughening ceramics for the sealing surfaces, the valve offers exceptional wear and corrosion resistance, ensuring longevity in abrasive environments. The design features a self-sealing mechanism and auto-rotating discs that prevent dust clogging and ash deposition, maintaining reliable performance during frequent cycling.

Technical Specifications

Pressure Rating

Class 150 • PN6 • PN10

Operating Temperature

0 °C

Min Temp

200 °C

Max Temp

Size Range

NPS 4 - NPS 12, DN 100 - DN 300

Connection Type

Flange

Sealing Material

Engineering Ceramics

Standards & Compliance

Compliance Standards

Category	Standard
Pressure Test	GB/T13927, API598
Face to Face	GB/T12221, API609
Flange Standards	ASME B16.5, GB/T9113

Operational Features

Operation Type

- Pneumatic
- Manual

Key Features

- Double disc structure for bi-directional sealing
- Spring-loaded self-sealing mechanism
- Valve disc auto-rotation to prevent ash deposition
- Optional blow sweep port for cleaning

Applications

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Power plant ash handling, Cement industry, Dry powder conveying, Mineral dressing