

# 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