

Pneumatic Ceramic Double Disc Gate Valve with Blow-Sweep Hole

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



ADDITIONAL IMAGES



Product Overview

High-Performance Ceramic Gate Valve

This pneumatic ceramic double disc gate valve is engineered for demanding industrial applications involving dry powder transport and abrasive media. It utilizes toughening ceramic components to provide superior wear resistance and durability in harsh environments. The design features a self-sealing mechanism and auto-rotating discs that prevent ash deposition, ensuring consistent, long-term sealing performance and reliability.

Technical Specifications

Operating Temperature

0 °C Min Temp	200 °C Max Temp
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Size Range	NPS4~NPS12, DN100~DN300
Pressure Range	Class 150 / PN6 / PN10
Connection	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

Key Features

- Double disc structure for two-side sealing
- Spring-loaded bi-directional flexible preload
- Auto-rotating discs to prevent ash deposition
- Blow-sweep port for debris removal
- Self-sealing pressure design

Operating Modes

Pneumatic, Manual

Applications

Suitable Industries

Power Plant Ash Handling • Cement Industry • Dry Powder Conveying • Dressing Works