

Pneumatic Double Wedge Ceramic Gate Valve

This pneumatic gate valve features a double wedge design and ceramic components for enhanced abrasion resistance. It is suitable for shut-off and flow control in industries dealing with slurries and abrasive media.



ADDITIONAL IMAGES



Product Overview

High-Performance Ceramic Gate Valve

This Pneumatic Double Wedge Ceramic Gate Valve is engineered for demanding industrial environments involving dry powder transport and abrasive material handling. Utilizing toughening ceramic components, the valve offers superior wear resistance and durability, while its self-sealing, auto-rotating disc design prevents dust clogging and ensures reliable long-term performance. Ideal for power plants, cement production, and mineral processing, this valve provides a robust solution for frequent opening and closing cycles.

Technical Specifications

Operating Temperature

0 °C

Min Temp

200 °C

Max Temp

Size Range	NPS 4 to NPS 12 / DN 100 to DN 300
Pressure Class	Class 150, PN6, PN10
Connection Type	Flange
Sealing Material	Engineering Ceramics

Standards & Compliance

Regulatory Standards

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

Features

Key Features

- Double disc structure for bi-directional sealing
- Spring-loaded mechanism for flexible preload pressure
- Auto-rotating valve disc prevents ash deposition
- Pneumatic actuation for remote operation
- Optional blow sweep port for cleaning

Applications

Suitable Industries

Power Generation • Cement Industry • Mineral Processing