

Pneumatic Ceramic Swing Gate Valve for Discharge Systems

This pneumatic ceramic swing gate valve is designed for use in pressurized and vacuum systems. The ceramic sealing faces are ground and polished to ensure reliable sealing performance.



ADDITIONAL IMAGES



Overview

High-Performance Discharge Control

This pneumatic ceramic swing discharge gate valve is engineered for pressurized and vacuum systems, including pneumatic conveying, discharge, and vent applications. Featuring toughened engineering ceramic sealing faces, it offers superior abrasion resistance and a prolonged service life in harsh environments. The innovative rotational disc design prevents ash deposition, while the slant-structure outlet ensures smooth material flow and reliable operation.

Technical Specifications

Operating Temperature

0 °C

Min Temp

200 °C

Max Temp

Operating Mode

Pneumatic

Size Range

NPS4 - NPS12, DN100 - DN300

Pressure Rating

Class 150 / PN6 / PN10

Connection Type

Flange

Sealing Material

Engineering Ceramics

Compliance & Standards

Design & Test Standards

Category	Standard
Pressure Test	GB/T13927, API598
Face to Face	GB/T12221, API609
Valve Body	GB/T12224, ASME B16.34

Applications

Suitable Industries

- Steel plants
- Cereals transport systems
- Cement transport systems
- Coal-fired power plants (EP systems)

Key Features

Design Advantages

- Piston rod isolated from medium for longer cylinder life
- Rotational disc motion prevents ash deposition
- Slant-structure outlet prevents material accumulation
- Floating spring connection compensates for thermal expansion and wear