

Pneumatic Swing Ceramic Feed Valve for Abrasive Materials

This pneumatic swing ceramic feed valve is designed for pressurized and vacuum systems. The ceramic sealing faces are ground and polished to ensure reliable sealing during operation.



ADDITIONAL IMAGES



Product Overview

High-Performance Ceramic Rotary Discharge Valve

Designed for pressurized and vacuum systems, this pneumatic rotary discharge valve is engineered for demanding industrial applications involving abrasive materials. The valve utilizes toughened engineering ceramic sealing faces that are precision-ground for reliable, long-term performance. Its unique swing rotational motion prevents ash deposition, while the slant-structure outlet ensures smooth material flow and prevents accumulation within the valve cavity.

Technical Specifications

Operating Temperature

0 °C

Min Temp

200 °C

Max Temp

Compliance Standards

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

Size Range

NPS 4 - NPS 12, DN 100 - DN 300

Pressure Ratings

Class 150, PN 6, PN 10

Operational Features

Key Operational Advantages

- Toughened engineering ceramic sealing faces for superior abrasion resistance
- Piston rod isolated from medium to prolong service life
- Slant-structure outlet prevents material accumulation
- Floating spring-loaded connection between disc and seat for automatic wear compensation
- Rotational motion prevents ash deposition on sealing surfaces

Operating Mode	Pneumatic
Connection Type	Flange

Applications

Suitable Industries

Steel Plants • Coal Power Plants • Cereals Transport • Cement Transport • EP Systems