

Pneumatic Ceramic Double Disc Gate Valve

This pneumatic ceramic double disc gate valve is used for feeding and dumping dry powder in transport pipelines. It utilizes toughened ceramic for shut-off and wear resistance, with a pressure self-sealing design and valve disc auto-rotation to enhance sealing and prolong service life.



ADDITIONAL IMAGES



Product Overview

High-Performance Ceramic Gate Valve

This pneumatic ceramic double disc gate valve is engineered for the reliable handling of dry powders and abrasive materials in transport pipelines. Utilizing toughening ceramic for its sealing surfaces, the valve features a pressure self-sealing design and auto-rotating discs that significantly enhance wear resistance and longevity. Its double-disc configuration with internal spring preload ensures effective bi-directional sealing even at low pressures, preventing dust clogging and ensuring consistent performance in demanding industrial environments.

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
Operating Type	Pneumatic
Sealing Material	Engineering Ceramics

Standards & Compliance

Industry Standards

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

Applications

Suitable Industries

Power Plant Ash Handling • Cement Industry • Dressing Works

Logistics

Delivery Time

30 days

Country of Origin

China