

Pneumatic Ceramic Slurry Gate Valve

Pneumatic ceramic slurry gate valves are designed to cut off media containing solid particles and fibers. Ceramic knife gate valves are suitable for mediums containing fibers and hard solid particles.



Overview

High-Performance Ceramic Slurry Gate Valve

This pneumatic ceramic slurry gate valve is engineered for demanding industrial environments involving abrasive or corrosive media. Featuring a robust design with advanced ceramic sealing surfaces, it offers exceptional wear resistance and a long service life. The short structural length saves space and material, while the pneumatic actuator allows for seamless remote or local control.

Technical Specifications

Operating Temperature

0 °C

Min Temp

200 °C

Max Temp

Connection Types

Flange • Wafer

Body Material Options

- WCB
- CF8
- CF8M
- CF3M

Size Range

NPS2–NPS24 / DN50–DN600

Pressure Range

Class 150, PN6, PN10

Design & Operation

Key Features

- Short structural length for space saving
- Single seat design to prevent residue accumulation
- Abrasion-resistant ceramic sealing surface
- Remote or local control via solenoid valve

Operating Mode

Pneumatic

Sealing Material

Engineering Ceramics

Standards & Compliance

Standard Compliance

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

Applications

Suitable Applications

Iron and Steel Plants, Power Plants, Paper Industry, Mining, Wastewater Treatment, Chemical Processing