

# Ceramic Knife Gate Valve for Slurries

This ceramic knife gate valve is designed for handling media containing solid particles and fibers. The valve features a ceramic gate and seat for superior wear resistance in erosive environments.



## ADDITIONAL IMAGES



## Overview

### Ceramic Knife Gate Valve for Slurries

This ceramic knife gate valve is specifically engineered for challenging industrial environments involving slurries, solid particles, and fibrous media. Featuring a robust ceramic sealing surface, it provides exceptional abrasion resistance and extended service life compared to traditional metal-seated valves. Its compact, lightweight design facilitates easy installation while preventing clogging and residue accumulation.

## Technical Specifications

### Operating Temperature

**0 °C**

Min Temp

**200 °C**

Max Temp

### Body Materials

WCB • CF8 • CF8M • CF3M

### Operating Modes

- Manual
- Electric
- Pneumatic

### Size Range

NPS 2 to NPS 24 / DN 50 to DN 600

### Pressure Rating

Class 150, PN6, PN10

### Connection Types

Flange, Wafer

## Compliance & Standards

### Design & Testing Standards

Category	Standard
Pressure Test	GB/T13927, API598
Face to Face	GB/T12221, ASME B16.10
Valve Body	GB/T12224, ASME B16.34

## Applications

### Suitable Industries

Mining, Power Plant, Iron and Steel, Paper Industry, Wastewater Treatment, Coal Processing