

# Manual Y-Pattern Slurry Valve for Abrasive Materials

This Y-pattern slurry valve is designed for abrasive material applications. Its two-part design with a replaceable seat provides abrasion, pressure, erosion, and scaling resistance, making it suitable for controlling or stopping slurry flow.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Y-Pattern Slurry Valve

Designed specifically for demanding industrial environments, this Y-pattern slurry valve offers exceptional durability against abrasion, erosion, and high-pressure conditions. Its unique design features a replaceable seat and a geometrically optimized body cavity to minimize turbulence and ensure reliable flow control. Engineered for critical applications in mining, metallurgy, and chemical processing, this valve delivers consistent performance where anti-scabbing and anti-corrosion properties are essential.

## Technical Specifications

### Pressure Range

**150 Class**

Min Class

**600 Class**

Max Class

### Design & Testing Standards

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

**Size Range** DN50 to DN500 (NPS2 to NPS20)

**Max Operating Temperature** 425 °C

**Connection Standards** ASME B16.5, GB/T9113

## Construction & Materials

### Operating Types

Pneumatic • Manual • Electric

### Body Materials

Carbon Steel, Stainless Steel

### Sealing Surface Material

Alloy (Full Stellite or Tungsten carbide overlay)

## Applications

### Target Industries

- Alumina Processing
- Metallurgy
- Chemical Fertilizer
- Mining Industry
- Paper-making