

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