

Y-Pattern Slurry Valve for Abrasive Materials



This Y-pattern slurry valve is designed for use on abrasive materials. The valve is divided into left and right parts with a seat between them, and the seat can be replaced by disassembling the connecting bolt.

Product Overview

High-Performance Slurry Control

This Y-pattern slurry valve is engineered specifically for abrasive and corrosive material handling in demanding industrial environments. Featuring a split-body design for easy seat replacement and finite-element analysis optimized cavity geometry, it ensures reliable flow and shut-off performance. With advanced wear-resistant surfacing and non-rotating stem mechanics, this valve provides longevity and precision for critical processes in mining, metallurgy, and chemical sectors.

Technical Specifications

Body Materials

- Carbon Steel
- Stainless Steel

Operating Methods

Pneumatic • Manual • Electric

Pressure Class

Class 150, Class 300, Class 600

Size Range

DN50 to DN500 (NPS2 to NPS20)

Maximum Operating Temperature

425

Engineering Standards

Design & Testing Standards

Category	Standard
Flange Connection	ASME B16.5, GB/T9113
Design Standard	ASME B16.34
Pressure Test	GB/T13927, API598
Face to Face	GB/T12221, API609

Industry Applications

Primary Industries

Alumina, Metallurgy, Chemical Fertilizer, Mining, Paper-making