

Manual Y-Type Slurry Valve

The Y-Type Slurry Valve is designed for managing abrasive materials with a focus on durability. Its two-part structure, connected by bolts, allows for easy valve seat replacement, making it suitable for industries like alumina, metallurgy, and chemical fertilizer.



ADDITIONAL IMAGES



Product Overview

High-Performance Y-Type Slurry Valve

This Y-type slurry valve is engineered specifically for demanding industrial environments involving abrasive and corrosive media. Featuring a specialized Y-pattern design, it optimizes flow and minimizes pressure drop while providing exceptional erosion and high-pressure resistance. The valve incorporates a replaceable seat design and a rotation-resistant stem mechanism to ensure long-term reliability and ease of maintenance in critical applications.

Technical Specifications

Core Specifications

Parameter	Value
Pressure Range	Class 150 - Class 600
Size Range	DN50 - DN500 (NPS 2 - NPS 20)
Design Standard	ASME B16.34
Flange Connection	ASME B16.5, GB/T9113
Face to Face	GB/T12221, API609
Testing Standard	GB/T13927, API598

Operational Details

Operational Parameters

425 °C

Max Working Temperature

Available Actuation

Manual, Pneumatic, Electric

Materials and Construction

Construction Materials

- Carbon Steel
- Stainless Steel

Sealing Surface Material

Alloy (Full Stellite or Tungsten Carbide overlay)

Application

Suitable Industries

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