

Y-Pattern Slurry Valve for Abrasive Materials

This Y-pattern slurry valve is designed for abrasive materials, offering exceptional durability. Divided into left and right parts with a replaceable seat, it provides reliable control of slurry in industries like alumina, metallurgy, and mining.



ADDITIONAL IMAGES



Product Overview

Industrial Slurry Control

This Y-pattern slurry valve is engineered for demanding applications involving abrasive materials, high pressure, and erosion-prone environments. It features a split-body geometric design optimized for flow efficiency, ensuring minimal internal turbulence. With hardened sealing surfaces and anti-corrosion protection, this valve delivers long-term reliability in critical mining, chemical, and metallurgical processing.

Technical Specifications

Size Range	DN50 to DN500 (NPS2 to NPS20)
Pressure Class	Class 150 to Class 600
Maximum Temperature	425
Connection Standards	ASME B16.5, GB/T9113, Flange

Construction & Materials

Body Materials	Carbon Steel, Stainless Steel
Sealing Surface	Alloy (Full Stellite or Tungsten Carbide overlay)

Performance Features

Key Capabilities

- Abrasion and erosion resistant
- Anti-scabbing performance
- Replaceable valve seat
- Rotation-resistant stem
- Anti-washing internal protection

Operating Modes

Pneumatic • Manual • Electric

Applications

Target Industries

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