

Y-Pattern Angle Valve for Slurry

This Y-pattern angle valve is designed for controlling or stopping slurry flow in various industries. Its design incorporates a seat between left and right parts, connected by bolts, facilitating easy valve seat replacement.



ADDITIONAL IMAGES



Product Overview

High-Performance Slurry Control

This Y-pattern angle valve is engineered specifically for demanding industrial applications involving abrasive slurries and high-pressure media. Its unique Y-type body design utilizes finite element analysis to optimize flow paths, significantly reducing erosion and pressure drop. Featuring replaceable seating surfaces reinforced with stellite or tungsten carbide, this valve ensures longevity and reliable performance in sectors such as mining, metallurgy, and chemical processing.

Technical Specifications

Connection Standards

- ASME B16.5
- GB/T 9113

Pressure Range	Class 150, Class 600
Size Range (NPS)	2 - 20 inches
Maximum Operating Temperature	425 °C

Design and Materials

Operation Methods

Pneumatic • Manual • Electric

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

Industry Applications

Primary Industries

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