

Pneumatic Y-Type Tank Discharge Valve

Pneumatic Y-type tank discharge valves facilitate the rapid removal of material or samples from reactors, drains, and vessels. These valves can be welded or flanged to the vessel bottom, commonly installed for feeding vessels or draining pipelines.



ADDITIONAL IMAGES



Product Overview

Industrial Tank Bottom Angle Valve

This pneumatic Y-type tank bottom angle valve is engineered for high-performance material discharge in critical industrial vessels. Featuring a dead-space-free design and robust protection plating, it offers superior resistance to erosion and corrosion in demanding applications. The unit supports versatile installation with multiple outlet angles and is designed to provide reliable, remote-controlled operation for slurry and chemical processing.

Technical Specifications

Available Outlet Angles

- 45
- 50
- 90

| | |
|-----------------|-------------------------------|
| Size Range | DN50 to DN350 (NPS2 to NPS14) |
| Pressure Class | Class 150, Class 300 |
| Max Temperature | 425 |

Design and Materials

Operating Modes

Pneumatic • Manual • Electric

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|--------------------------|--|
| Body Materials | Carbon Steel, Stainless Steel |
| Sealing Surface Material | Cemented carbide or Tungsten carbide overlay |

Standards and Compliance

Industry Standards

| Category | Standard |
|-------------------|----------------------|
| Flange Connection | ASME B16.5, GB/T9113 |
| Design Standard | ASME B16.34 |
| Pressure Test | GB/T13927, API598 |

Applications

Recommended Industries

- Petrochemical
- Alumina
- Steel
- Polymer
- Mining
- Pharmaceutical
- Fine Chemicals