

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

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