

Tank Bottom Globe Valve with Integrated Strainer



This tank bottom globe valve features an integrated strainer at the valve inlet for filtering media as it enters the tank. It is designed with a rotation-resistant device to ensure the valve stem moves in a straight line without rotation.

Product Overview

Integrated Tank Bottom Drainage Solution

This tank bottom globe valve features an integrated strainer specifically engineered for the fast discharge of drilling mud and process samples from reactor vessels. Designed to eliminate dead space, it allows for top-operated control while ensuring effective filtration of medium before it enters the system. Its robust construction utilizes specialized materials to guarantee reliable sealing and protection against harsh particulate environments.

Technical Specifications

Flange Standards

- ASME B16.5
- GB/T9113

Size Range

DN50 – DN350 (NPS2 – NPS14)

Pressure Range

Class 150, PN10, PN16

Maximum Temperature

425 °C

Construction

Operating Types

Manual • Pneumatic • Electric

Body Materials

Carbon Steel, Stainless Steel

Sealing Surface Material

Alloy, Tungsten Carbide, Cemented Carbide

Compliance & Standards

Testing Standards

- GB/T13927
- API 598
- ASME B16.34

Applications

Primary Industries

- Drilling Mud Processing
- Petrochemical
- Alumina
- Steel Industry
- Pharmaceutical
- Fine Chemicals
- Mining & Mineral Processing