

High Pressure Forged Steel Globe Valve

This high-pressure forged steel globe valve features an efficient backseat packing seal to prevent stem leakage. The outside screw and yoke construction allows for easy maintenance of the stuffing box.



Product Overview

High-Performance Forged Steel Globe Valve

This forged globe valve is engineered for compact, sturdy performance in critical high-pressure and high-temperature environments. Featuring an outside screw and yoke (OS&Y) design with a rising stem, it provides reliable flow regulation and on/off control. The valve is built for durability, utilizing flexible graphite packing and a fully guided disc to ensure accurate alignment and minimal wear.

Technical Specifications

Connection Types

- Socket weld end
- Screwed end

Design Standards API 602, ASME B16.34

Connection Standards ANSI B16.11, ANSI B1.20.1

Pressure Range 150LB to 2500LB

Size Range 1/4" to 3"

Maximum Operating Temperature 500 °C

Construction & Materials

Stem & Bonnet

- Outside Screw & Yoke (OS&Y)
- Rising Stem
- Rising Handwheel
- Bolted or Welded Bonnet

Body Materials Forged Carbon Steel, Stainless Steel, Alloy Steel

Sealing Surface Material Alloy

Performance Features

Key Performance Metrics

13927

Pressure Test Standard (GB/T)

598

Pressure Test Standard (API)

Key Features

- Efficient packing seal at backseat
- Fully guided disc for accurate alignment
- Metallic ring or spiral wound gasket options

Applications

Suitable Industries

Steam • Oil & Gas • Power Generation • Chemical Processing • Petrochemical