

Cast Steel Gate Valve OS&Y Rising Stem

This cast steel gate valve conforms to ASME B16.34 and API 600 standards. It features an outside screw and yoke (OS&Y) design, rising stem, and bolted/pressure seal bonnet.



Overview

Industrial Cast Steel Gate Valve

This Cast Steel Gate Valve features an Outside Screw and Yoke (OS&Y) design with a rising stem, engineered for robust flow control in demanding industrial environments. It offers versatile configuration options including bolted or pressure seal bonnets and flexible wedges, with specialized extended bonnet designs available for cryogenic services. Built for reliability, this valve supports manual, gear, or electric operation and is suitable for a wide range of pressure classes and pipe sizes.

Technical Specifications

Design Standards

Feature	Standard
Design	ASME B16.34 / API 600
Face to Face	ASME B16.10
End to End	ASME B16.10
End Flange	ASME B16.5
BW End	ASME B16.25
Testing	API 598

Pressure & Size

150 LB Min Pressure Class	2500 LB Max Pressure Class	2 inch Min Size	48 inch Max Size
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NACE Compliance

NACE MR-01-75

Materials & Construction

Available Materials

WCB, WCC, LCB, LCC, WC6, WC9, C5

Features & Options

Optional Features

- By Pass
- Locking Device
- Replaceable Seat
- Extended Bonnet for Cryogenic Services

Operation Methods

Handwheel • Bevel Gear • Electric Operation