

# Cast Iron Gate Valve with Outside Screw and Yoke

This cast iron gate valve is designed with an outside screw and yoke (OS&Y) configuration. It is suitable for controlling the flow of various fluids in industrial applications.



## ADDITIONAL IMAGES



## Overview

### Professional Grade OS&Y Gate Valve

This Cast Iron Gate Valve features an Outside Screw and Yoke (OS&Y) design, providing a visible rising stem for easy status monitoring and simplified maintenance. Engineered for reliability in demanding industrial environments, it is constructed from high-quality ASTM A126B cast iron to ensure long-term durability. The valve is ideal for on-off flow control across water, oil, and gas applications, meeting rigorous international standards for design and testing.

## Technical Standards

### Design Conformance

MSS SP-70 • ANSI B16.1 • ANSI B16.10

### Pressure Testing

MSS SP-70, API 598

## Performance Metrics

### Pressure Ratings

**125 PSI**  
Steam (S)

**200 PSI**  
Water, Oil, Gas (WOG)

### Compatible Media

- Water
- Oil
- Gas

## Material Construction

### Component Materials

Component	Material Specification
Body, Bonnet & Disc	Cast Iron ASTM A126B
Stem	Brass ASTM B16 or Stainless Steel
Trim	Cast Bronze ASTM B62 or Stainless Steel

## Physical Dimensions

Available Sizes	DN50 to DN400
Flange Drilling	ANSI B16.1 (125lb, 150lb)
Face to Face Dimensions	ANSI B16.10 (125lb, 150lb)

## Features

### Key Design Features

- Outside Screw and Yoke (OS&Y) for easy lubrication
- Rising stem for visual position indication
- Flanged connections for leak-proof installation
- Manual handwheel operation
- Corrosion-resistant blue coating