

# Handwheel Operated Through Conduit Gate Valve

This gate valve is designed for critical applications requiring reliable, full-bore flow. Operated via a handwheel, it is suitable for high-pressure and high-temperature environments, ensuring minimal pressure drop and effective sealing.



## Product Overview

### Through Conduit Gate Valve

This through conduit gate valve is engineered for demanding oil and gas pipeline services, offering superior media passage capability when fully opened. Its design supports pig ball cleaning operations and minimizes turbulence, making it an ideal solution for critical flow control. Built for durability and reliability, it features robust construction and advanced sealing mechanisms for long-term performance in industrial environments.

## Technical Specifications

Size	4 Inch
Pressure Class	150
Body Material	WCB
Connection	Flange
Operation	Handwheel

## Design Features

### Key Design Features

- Slab gate valve
- Seat sealing
- Double block & bleed
- Self cavity relief
- Expanding gate valve
- Emergency sealant injection system

## Application

Suitable Applications	Oil and Gas Pipeline, Pig Ball Cleaning Service, High-Pressure Service, High-Temperature Service
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