

GATE VALVE

# Commodity Cast Steel Gate Valve

REF **EFC-494** ISSUED 06 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>Class 150 to Class 2500</b>
Temperature	<b>-29°C to 540°C</b>
Media	<b>High-temperature and high-pressure working media, Toxic and harmful risk liquids, General process fluids</b>

## STANDARDS

Design	<b>API 600, API 603, ASME B16.34</b>
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## APPLICATIONS

- Power industry
- Petroleum refining
- Petrochemical industry
- Marine oil
- Tap water engineering
- Urban construction
- Chemical industry

## MATERIALS

Body	<b>Carbon Steel, Stainless Steel, Alloy Steel</b>
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## FEATURES

- Low fluid resistance; internal medium channel is straight-through with no change in flow direction
- Low operating torque required for opening and closing
- Simple body structure with good sealing performance
- Reduced wear on sealing surfaces when fully open
- Guide mechanism in valve body prevents gate rotation during operation
- Gate does not contact valve seat before final closure, reducing seat wear
- Bi-directional flow capability; medium can flow from either side
- Not susceptible to water hammer



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.