

GATE VALVE

Stainless Steel Gate Valve

REF **EFC-28** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	NPS 2"–NPS 32"
Pressure	150LB–900LB
End connection	flanged (ASME B16.5) / ring-type joint (ASME B16.5) / butt weld
Face-to-face	ASME B16.10
Media	chemicals, corrosive media, abrasive media, slurries, mixed solids

ACTUATION

- handwheel
- worm gear
- electric actuator
- pneumatic actuator
- hydraulic actuator

STANDARDS

Design	API602, ASME B16.34, BS 5352, BS 6364
Test	API598

APPLICATIONS

- oil and gas
- chemical and pharmaceuticals
- marine
- water and wastewater treatment
- manufacturing



MATERIALS

body cap	Austenitic Stainless Steel, Carbon Steel	stem	Austenitic Stainless Steel, Alloy Steel
stem packing	Fluoropolymer, Graphite	gasket	Stainless Steel / Fluoropolymer, Graphite / Stainless Steel
gland flange	Austenitic Stainless Steel, Carbon Steel	body	Stainless Steel, Carbon Steel

FEATURES

- Gate and seat sealing surfaces produced with cemented carbide overlay welding of differing hardness
- Valve stem tempered and surface nitrided for corrosion resistance, scratch resistance, and wear resistance
- Flexible gate structure with thrust bearings on medium and large diameters to reduce friction
- Compatible with multiple piping flange standards and flange sealing surface forms
- Flanged end connections visible on both ends
- Rising stem with external thread
- Spoked blue handwheel operator
- Bolted bonnet construction
- Open yoke stem design
- Body casting markings indicate DN50, PN16, CF8 (cast stainless steel)