

GATE VALVE

Cast Steel Gate Valve

REF **EFC-15** ISSUED 05 Jun 2026

SPECIFICATIONS

| | |
|----------------|---|
| Size | NPS 2"–NPS 36" |
| Pressure | 150LB–2500LB |
| End connection | flanged (ASME B16.5) / flanged (ASME B16.5) / butt weld |
| Face-to-face | ASME B16.10 |

ACTUATION

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

STANDARDS

| | |
|--------|--|
| Design | API 602, ASME B16.34, BS 5352, BS 6364 |
| Test | API 598 |



MATERIALS

| | | | |
|------|---|------|---|
| body | Carbon Steel, Austenitic Stainless Steel | disc | Carbon Steel, Austenitic Stainless Steel, Nickel-Copper Alloy |
| stem | Martensitic Stainless Steel, Austenitic Stainless Steel, Nickel-Copper Alloy | seat | Martensitic Stainless Steel, Austenitic Stainless Steel, Nickel-Copper Alloy |

FEATURES

- Compact structure with small envelope dimensions and good rigidity.
- Elastic gate structure that automatically compensates for valve body deformation caused by abnormal load or temperature during operation.
- Rolling bearings fitted in operating device for 150LB manual valves e NPS 10" and 600LB–2500LB valves e NPS 6" to reduce operating torque.
- Materials, trim, and fasteners can be combined according to user requirements or actual working conditions.
- Replaceable seat for valves d NPS 10".
- DN125 nominal bore
- PN16 pressure class
- Flanged end connections
- Handwheel operated (blue spoked handwheel)
- Rising stem gate valve
- Bolted bonnet construction

OPTIONS & NOTES

- The main materials, trim and fasteners can be reasonably combined according to user requirements or actual working conditions.