

SLAB GATE VALVE

Single Wedge Slab Gate Valve

REF **EFC-444** ISSUED 06 Jul 2026

SPECIFICATIONS

Size	NPS 2" to NPS 60"
Pressure	Class 150 to Class 2500
End connection	flanged (ASME B16.5) / flanged (ASME B16.47) / flanged (EN 1092) / butt weld (ASME B16.25) / butt weld (GB/T 12224)
Face-to-face	ASME B16.10, GB/T 12221, EN 558
Temperature	-60°C to 538°C
Media	tap water, sewage, petroleum, chemical fluids, abrasive fluids, food-grade media

ACTUATION

- manual
- pneumatic
- electric

STANDARDS

Design	ASME B16.34, GB/T 12234
Test	API 598, API 6D, GB/T 13927, JB/T 9092, GOST 9544

APPLICATIONS

- Oil and gas pipelines
- Chemical industry
- Water supply
- Mining
- ESDV/BDV applications
- Pig trap installations



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

MATERIALS

Body **Carbon Steel, Stainless Steel, Alloy Steel**

FEATURES

- Full bore through-conduit port - negligible pressure drop in open position
- Rising stem OS&Y design
- Floating seats and gate, pressure energised
- Bubble-tight shut-off upstream and downstream under low and high differential pressure
- Double block and bleed capability
- Automatic relief of excess body cavity pressure
- Seat faces located outside the flow stream, protected from erosive flow
- Pig and scraper compatible - no valve damage during pigging
- Self-relieving seat design
- Equalised bore option available
- Reverse-acting and equalised bore option for fail-closed operation
- Double upstream seal by piston effect; downstream seal with floating obturator
- Fire-safe construction
- Full in-line maintainability
- Flexible actuation with or without stem ejection assistance
- Suitable for ESDV/BDV applications

OPTIONS & NOTES

- Equalised bore available as required/operated
- Operator options include Manual, Pneumatic, Electric, etc.