

SLAB GATE VALVE

API 6A High Pressure Slab Gate Valve

REF **EFC-443** ISSUED 06 Jul 2026

SPECIFICATIONS

Size	NPS 1 to NPS 42
Pressure	Class 150 to Class 2500
End connection	flanged (ASME B16.34) / flanged (ASME B16.47) / butt weld (ASME B16.25)
Face-to-face	ASME B16.10
Temperature	-46°C to 121°C
Media	crude oil, natural gas, chemical fluids

ACTUATION

- manual
- gearbox
- pneumatic
- electric

STANDARDS

Design	API 6A, API 600, GB/T 22513, NACE MR0175
Test	API 598

COATINGS & LINING

- Surface hardening treatment on valve body and internal components

APPLICATIONS

- Oil fields
- Crude oil and natural gas extraction
- Wellhead equipment
- Long-distance pipelines
- Refining and chemical plants
- High-pressure fluid control systems



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

MATERIALS

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

FEATURES

- Maximum working pressure Class 900 (PN150) per marketing text; pressure range stated elsewhere as Class 150-2500
- Bidirectional sealing via precisely ground gate plates and valve seats
- Full-diameter bore structure for low flow resistance and minimal pressure drop
- Alloy steel body and internals with surface hardening for corrosion and wear resistance
- Self-lubricating valve seats to reduce wear and extend maintenance intervals
- Flat gate plate design enabling two-way sealing
- Fire-safe design per API 6A

OPTIONS & NOTES

- Maximum working pressure stated in Features section as Class 900 (PN150), but Technical Specification and General Information indicate pressure range up to Class 2500 — verify applicable pressure ratings with supplier.