

# GATE VALVES

## Designing Features

- 1.The design with thrust bearing makes it easy to operate the valve easily.
- 2.Top-mounted stem nut ensures non-falling of stem and disc at full-open position, even handwheel is taken off.
- 3.Packing in flexible graphite realizing dependable sealing performance. Packing spacer rings and greasing mechanism are available at customers' request.
- 4.Upper seal designed to ensure dependable packing and sealing when valve' is fully opened.
- 5.Lift-type stem, connected to disc through a T-slot, of which the head is integrally forged to ensure sufficient strength of connection.



## Designing Specifications

**Size:** 3/8"-60"

**Class:** 150Lb-2500Lb

**Materials:** 3/8"-2": Forged steel  
2"-60": Cast steel

**Designing:** API 600, API 602, API 6D

**Face to face:** ASME B16.10, API 6D

**End type:** NPT, SW, RF, FF, RTJ, BW

**Inspection and test:** API 598, API 6D

**Structure types:** OS&Y, Bolted bonnet

Pressure seal bonnet, welded bonnet, Flexible wedge and solid wedge.

**Operate method:** Handwheel, Bevel gear, Electric, pneumatic, pneumatic hydraulic.



## Special requirements

- NACE MR 0175
- Bypass, draining or vent
- With nipple
- Extended stem
- Double-head screwed stem
- With locking device
- Jacket type



Name	Size	Pressure	Material
Gate valve	2"-48"	150Lb-2500Lb	WCB,WC5/6/9,LCB,LCC,CA15,CF8,CF8M,CF3,CF3M,MONEL
	2"-60"	125Lb-150Lb	A126 B,A536
	3/8"~2"	150Lb-2500Lb	A105,F11,F22,LF1,LF2,F304,F321,F304L,F316L,MONEL