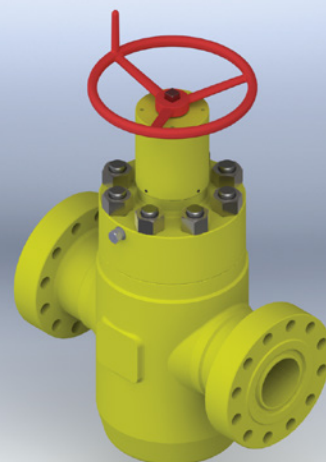


NuStar API 6A / 17D gate valves are used to control the flow of fluids in Christmas trees, manifolds, pipelines and surface wellheads.

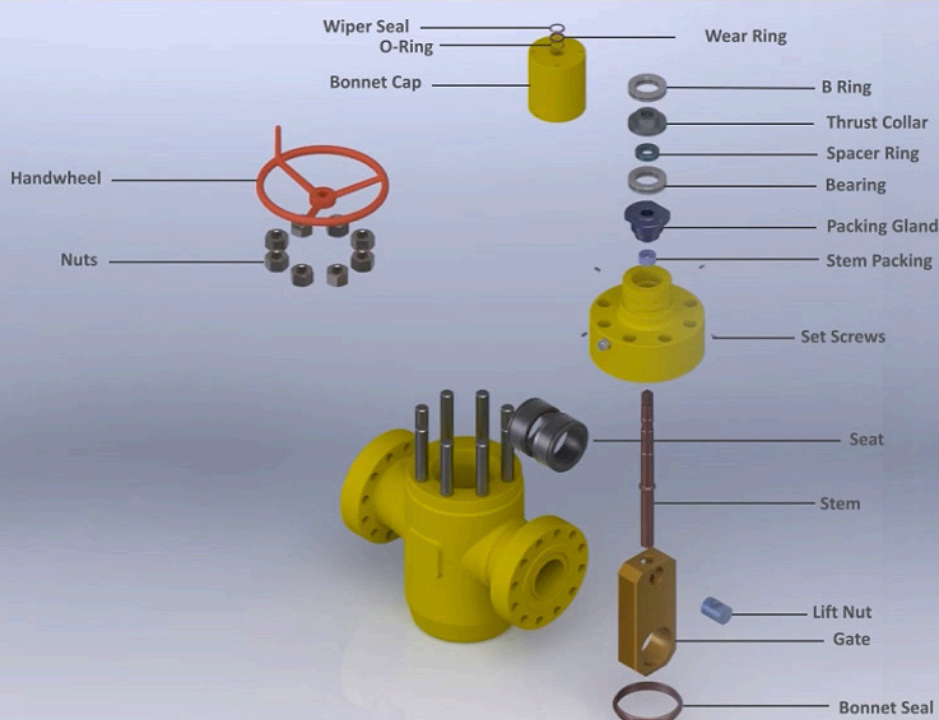
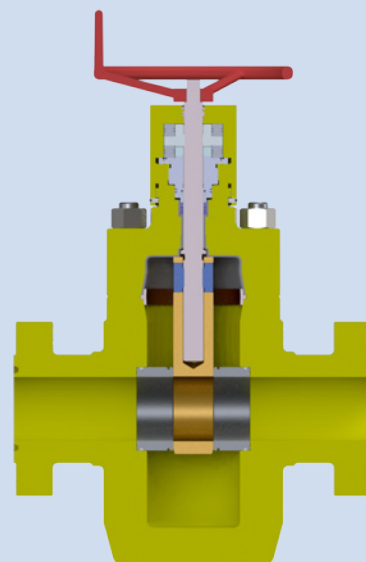
Gate valves can be provided in a variety of configurations based on project requirements or customer preference for pressure ratings 2,000-10,000psi.

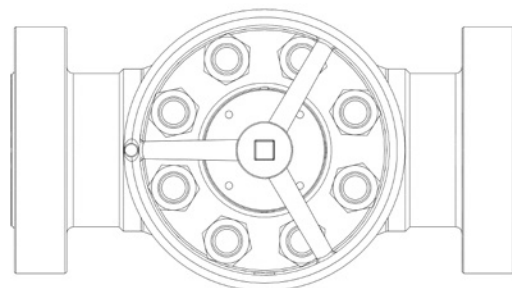
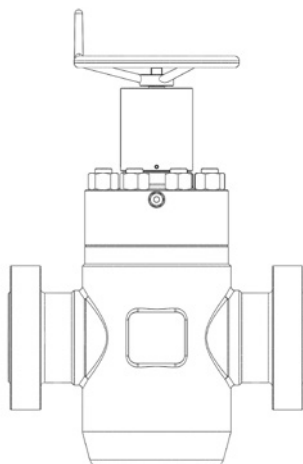
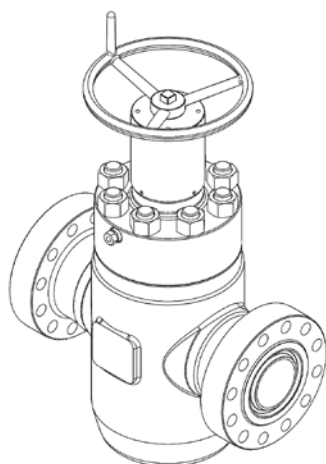
NuStar offers both slab style (one piece solid gate) and expanding (split type) gate designs. The slab-style gate valve is a straightforward and simple design and comes with bi-directional metal-to-metal sealing arrangement. Slab gates may also be used when wireline cutting is a requirement.



FEATURES

- 2,000 to 10,000 PSI Working Pressure
- 1-13/16" to 7-1/8" Full Valve Bore
- Bi-Directional Sealing
- Floating Gate and Seats Design
- Stem Backseat
- Non-Elastomeric Stem Packing
- Forged Valve Bodies
- Adaptable for Wide Range of Actuators





SPECIFICATION

Component	API 6A Temp Class	Material Classes		
		EE	FF	HH
Bonnet	P+U (-20F to 250F or -29 to +121 Deg C)	AISI 4130 / F22	AISI 4130 /8630M Alloy 625 Clad, or AISI 410SST	AISI 4130 /8630M Alloy 625 Clad
Bonnet Grease Fitting	P+U (-20F to 250F or -29 to +121 Deg C)	316 SST	316 SST	Alloy 718
Gasket	P+U (-20F to 250F or -29 to +121 Deg C)	316 SST	316 SST	Alloy 825
Stem	P+U (-20F to 250F or -29 to +121 Deg C)	Alloy 718 with Nitriding	Alloy 718 with Nitriding	Alloy 718 with Nitriding
Gate	P+U (-20F to 250F or -29 to +121 Deg C)	410 SST with HF (718 drive bushing)	410 SST with HF (718 drive bushing)	Alloy 718 with HF (718 drive bushing)
Seat	P+U (-20F to 250F or -29 to +121 Deg C)	410 SST HF	410 SST HF	Alloy 718 HF
Body	P+U (-20F to 250F or -29 to +121 Deg C)	4130 LAS, 625 In- lay on seal areas	410 / F6NM / 4130 LAS with Full 625 Inlay	4130 LAS, with Full 625 Inlay

About Us

NuStar Technologies offers innovative solutions to challenging land and offshore engineering projects. Our experienced and highly-trained team possess good track record in delivering effective and practical solution on a timely basis.

Our comprehensive services include design engineering, engineering consultation, project management, installation support services, subsea systems and surface system.

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