

GATE VALVE

High Pressure Gate Valve

REF EFC-521

SPECIFICATIONS

Size	NPS 2" to NPS 18"
Pressure	Class 1500, Class 2000, Class 2500, Class 3500
End connection	Flanged (ASME B16.5 / ASME B16.47) / Butt weld (ASME B16.25)
Face-to-face	ASME B16.10
Dimensions	Confirmed at quotation

ACTUATION

- Handwheel

STANDARDS

Design & manufacture	API 600
Inspection & test	API 598
Flange & end dimension	ASME B16.25 (butt-weld end preparation)



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

EFC-521 · Specifications confirmed at quote

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MATERIAL VARIANTS

Each option is a coherent material set: selecting one fixes the grade of every part below. Confirm the exact set with your enquiry.

Part	Carbon steel body, CF8 gate and bonnet, CF8 stem	Alloy steel WC6 body, WC6 gate and bonnet, 38CrMoALA stem	Alloy steel ZG1Cr5Mo body and gate/bonnet, 38CrMoALA stem	Stainless steel CF8 body and gate/bonnet, F304 stem
Body	WCB	WC6	ZG1Cr5Mo (ASTM A217 C5)	CF8
Stem	CF8	38CrMoALA	38CrMoALA	F304
Packing	Flexible graphite	Flexible graphite	Flexible graphite	Flexible graphite
Body Bonnet Gate	CF8	WC6	ZG1Cr5Mo	CF8

These parts are the same for every option above:

Bonnet	WCB, WC6, ZG1Cr5Mo (ASTM A217 C5), CF8	Gate	CF8, WC6, ZG1Cr5Mo (ASTM A217 C5)
Sealing Surface	Stainless steel / hard alloy		

FEATURES

- Rational structural design with smooth bore and low flow resistance coefficient
- Sealing surfaces manufactured from stainless steel and hard alloy for extended service life
- Flexible graphite packing providing reliable stem sealing with light operating effort
- Covers a broad range of body materials including carbon steel, low-temperature steel, alloy steel and stainless steel