

GATE VALVE TECHNICAL DETAILS

Type	Picture	Manufacturing Capabilities	Apply Condition	Product Features
High Temperature and High Pressure Forged Valve		Nominal Dimension: DN65~DN500 (2 1/2" ~24") Nominal Pressure: PN16Mpa~63MPa (Class900~4500) Suitable Temperature: -29°C ~650°C Connection Type: Butt weld (ANSI B 15.25) Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: ASTM A105、ASTM A182 F22/F91/F92 DIN	In 300MW/600MW/1000MW thermal power plant, main feed water system, high-pressure heater system, main steam system and reheating system, etc. and refinery and ethylene etc. industry.	Solid forging body Pressure seal bonnet Flexible wedge Standard top flange design Stellite(R) overlay trim Reinforced graphite gasket and packing seal
High Temperature and High Pressure Casting Steel Valve		Nominal Dimension: DN65~DN500 (2 1/2" ~24") Nominal Pressure: 900#~4500#SPL Suitable Temperature: -29°C ~620°C Connection Type: Butt weld / flange (ANSI B 16.25/ANSI B 16.5/ANSI B 16.47) Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: ASTM A216、WCB/A217 WC6/WC9/C12A	In 300MW/600MW/1000MW thermal power plant, main feed water system, high-pressure heater system, main steam system and reheating system, etc. and refinery and ethylene etc. industry.	Monoblock casting body Pressure seal bonnet Wedge or double disc parallel seat Standard top flange design Stellite(R) overlay trim Reinforced graphite gasket and packing seal
API Standard Valves		Nominal Dimension: DN10~DN800 (1/2"~32") Nominal Pressure: ANSI 150#~2500# Suitable Temperature: -29°C ~600°C Connection Type: Butt weld/ Flange (ANSI B 16.25/ANSI B 16.5) Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: WCB/WC6/WC9 A105/F22/F304/F316	In oil refining, ethylene, petrochemical, pulp & paper, mining industries, etc.	Comply with API 600/API 6D/API 602/API 598 Monoblock forged or casting body, optimized flow design Bolt bonnet or pressure seal bonnet Wedge or double disc parallel disc Stellite(R) overlay trim Standard top flange design
Rubber Seated Gate Valve		Nominal Dimension: DN100~DN600 Nominal Pressure: PN0.6Mpa~4.0Mpa Suitable Temperature: -10°C ~80°C Connection Type: Flange Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Nodular cast iron, Alloy steel, Carbon steel	Widely used to throttle or control in the pipeline, sewage, municipal construction, petroleum, chemical, food & beverage, pharmacy, textile industry, power plant, shipping, mining, energy sources etc.	Body inside diameter is the same with the pipeline Full lined body and disc Body coated with innocuous epoxy resin 3 O-ring stem seal low friction, flexible on-off and zero leakage
Parallel Slide Gate Valve		Nominal Dimension: DN50~DN1200 (2" ~48") Nominal Pressure: PN1.6Mpa~42Mpa (ANSI/ASME 150#~2500#) Suitable Temperature: -101°C ~425°C Connection Type: ASME/ANSI B16.5 & B16.47 & B16.25 Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: A216 WCB/A105 LCB/A350LF2	Widely used in oil, natural gas long-distance pipelines and gas fields as open/close control valves.	Single plate or double plates, and with conduit ring optional Overpressure bleed protection Seat and stem are with emergency sealant inject structure 16FA Full bore design, convenience for pipe pig Casting or forging body, forging gate