

API 603 Stainless Steel Gate Valve: Corrosive Service, Class 150–600

API 603 covers bolted bonnet gate valves made from corrosion-resistant materials. Because a stainless steel body does not require a corrosion allowance, the valves have thinner walls and lower weight than API 600 valves and suit chemical and corrosive process lines.

Technical specifications

Pressure class	ASME Class 150, 300, 600
Materials	CF8, CF8M, CF3, CF3M; duplex and nickel alloys on request
End connections	RF flanged, butt-weld
Design	Bolted bonnet, OS&Y, flexible or solid wedge
Testing	API 598

Key features

- Corrosion-resistant, thin-wall body
- Low-carbon option for welded lines
- Light construction, easy installation