



GATE VALVES

- **Industry Spec:** API 591/598/602/624 & ASME B16.34
- **Size Range:** 1/4" - 3"
- **Pressure Class:** 150 - 2500
- **Port:** Conventional or Full
- **Construction:** Bolted or Welded Bonnet
- **End Connection:** Threaded, Socketweld, Flanged, Butt weld.

GLOBE VALVES

- **Industry Spec:** API 591/598/602/624 & ASME B16.34
- **Size Range:** 1/2" - 2"
- **Pressure Class:** 150 - 1500+
- **Port:** Conventional
- **Construction:** Bolted or Welded Bonnet
- **End Connection:** Threaded, Socketweld, Flanged, Butt weld.

CHECK VALVES (Ball, Piston, Swing)

- **Industry Spec:** API 598/602 & ASME B16.34
- **Size Range:** 1/2" - 2"
- **Pressure Class:** 150 - 1500+
- **Port:** Conventional
- **Construction:** Bolted or Welded Bonnet
- **End Connection:** Threaded, Socketweld, Flanged, Butt weld.

Y-PATTERN VALVES

- **Industry Spec:** API 598 & ASME B16.34
- **Size Range:** 1/2" - 2"
- **Pressure Class:** 800/1500/1690/2690/4500
- **Port:** Conventional or Full
- **Construction:** Bolted Bonnet or Welded Bonnet, Bonnetless
- **End Connection:** Threaded, Socketweld, Butt weld.

BELLOWS SEAL VALVES (Gate, Globe)

- **Industry Spec:** API 598/602/624 & ASME B16.34
- **Size Range:** 1/2" - 2"
- **Pressure Class:** 150 - 800
- **Port:** Conventional or Full
- **Construction:** Bolted or Welded Bonnet
- **End Connection:** Threaded, Socketweld, Butt weld and Flanged.

CRYOGENIC VALVES

- **Industry Spec:** API 598/602/624 & ASME B16.34
- **Size Range:** 1/2" - 2"
- **Pressure Class:** 150 - 1500
- **Port:** Conventional or Full
- **Construction:** Bolted or Welded Bonnet
- **End Connection:** Threaded, Socketweld, Flanged, Butt weld.

IN-HOUSE SERVICES

- RT/Radiographic Examination
- Liquid Dye Penetrant Testing
- Magnetic Particle Examinations
- Other NDE including ferrite, hardness & PMI available
- Cryogenic testing.

SELECT MATERIALS AVAILABLE AT SMITH VALVES

Carbon and Low Temp Carbon Steel

- A105 & LF2

Chrome Moly

- F11, F22, F5, F9 & F91

Austenitic and Super Austenitic Steel

300 Series Stainless

- 304/304L, 304H, 316/316L, 316H, 317/317L, 321/321H & 347/347H

Alloy Steel

- Alloy 20

Duplex and Super Duplex Steel

- F51, F53, F60

Nickel Alloy Steel

- Inconel 625
- Incoloy 825
- Hastelloy C276
- Monel 400