



BONNEY FORGE

FORGED STEEL VALVES

Gate Valves

Bonney Forge valves are available in two bonnet designs. The first design is the Bolted Bonnet, with male-female joint, spiral wound gasket, made in F316L/graphite. Ring joint gasket are also available on request. The second design is the welded bonnet, with a threaded and seal welded joint. On request a full penetration strength welded joint is available.

Gate Valve Design Construction and Specifications

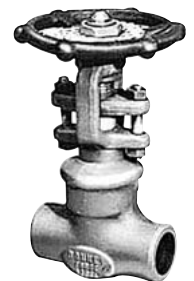
Bonney Forge gate valves conform to API 602, BS 5352, and ASME B 16.34. Each are tested according to API 598, marking is per MSS SP25.

Construction is as follows

- Full Port or Conventional Port
- Outside Screw and Yoke (OS & Y)
- Two-Piece self-aligning packing gland
- Bolted bonnet with spiral-wound gasket or threaded and seal welded bonnet
- Integral backseat
- Socket weld ends to ASME B16.11
- Screwed ends (NPT) to ANSI/ASME B1.20.1



Bolted Bonnet



Welded Bonnet

Globe Valves

Bonney Forge valves are available in two bonnet designs. The first design is the Bolted Bonnet, with male-female joint, spiral wound gasket, made in F316L/graphite. Ring joint gasket are also available on request. The second design is the welded bonnet, with a threaded and seal welded joint. On request a full penetration strength welded joint is available.

Globe Valve Design Construction and Specifications

Bonney Forge globe valves conform to MSS-SP-118, ASME B 16.34, and BS 5352. Each are tested according to API 598, and marking is per MSS-SP 25.

Bonney Forge Y type globe valves conform to ANSI B16.34. Each are tested according to API 598, and marking MSS-SP 25.

Construction is as follows

- Full Port or Conventional Port
- Outside Screw and Yoke (OS & Y)
- Two-Piece self-aligning packing gland
- Integral backseat
- Bolted bonnet with spiral-wound gasket or threaded and seal welded bonnet
- Loose solid disc
- Socket weld ends to ASME B16.11
- Screwed ends (NPT) to ANSI/ASME B1.20.1



Bolted Bonnet



Welded Bonnet

Check Valves

Bonney Forge valves are available in two bonnet designs. The first design is the Bolted Bonnet, with male-female joint, spiral wound gasket, made in F316L/graphite. Ring joint gasket are also available on request. The second design is the welded bonnet, with a threaded and seal welded joint. On request a full penetration strength welded joint is available.

The check valves are also available in three different design configurations. These are piston check, ball check, or swing check designs.

Globe Valve Design Construction and Specifications

Bonney Forge check valves conform to MSS-SP-118, ASME B 16.34. Each are tested according to API 598, and marking is per MSS-SP 25.

Construction is as follows

- Full Port or Conventional Port
- Piston check
- Ball check
- Swing check
- Spring available on request
- Bolted cover with spiral-wound gasket or threaded and seal welded cover
- Socket weld ends to ASME B16.11
- Screwed ends (MPT) to ANSI/ASME B1.20.1



Bolted Bonnet



Welded Bonnet