

## SILENT CHECK VALVES - GLOBE STYLE

With the same design features as the wafer silent check valves, the Globe style valves offer a more streamlined flow and lower pressure drop figures.

The valves are designed for liquid, air and gas service\* and are available in a complete range of sizes, body trim materials and pressure classes. These valves are engineered to be partially open at 0.5psi and fully open at 1psi differential pressure at a liquid velocity of 8 feet per second.

Mueller Globe Style Silent Check Valves can be installed in horizontal or vertical flow. Each valve is 100% tested in accordance with ANSI, API and MSS standards.

### GLOBE STYLES

#### MODEL 105 MAP

##### CLASS 125

Cast Iron Body/Bronze Trim  
Size: 2" - 30" (50 - 750mm)

- 2" - 12" 200psi WOG @ 150°F  
13 bar @ 65°C
- 14" - 24" 150psi WOG @ 150°F  
10 bar @ 65°C



#### MODEL 107 MAP

##### CLASS 250

Cast Iron Body/Bronze Trim  
Size: 2" - 24" (50 - 600mm)

- 2" - 12" 500psi @ 150°F  
(to 300mm) 34 bar @ 65°C
- 14" - 24" 300psi @ 150°F  
(350 - 600mm) 20 bar @ 65°C

#### MODEL 105 MBP

##### CLASS 150

- Bronze Body/Bronze Trim
- Size: 2" - 30" (50 - 750mm)
  - 225psi WOG @ 150°F
  - 15 bar @ 65°C

#### MODEL 109 MBP

##### CLASS 300

- Bronze Body/Bronze Trim
- Size: 2" - 20" (50 - 500mm)
  - 500psi WOG @ 150°F
  - 34 bar @ 65°C

#### MODEL 105 MDT

##### CLASS 150

- Carbon Steel Body/316 SS Trim
- Size: 2" - 30" (50 - 750mm)
  - 285psi WOG @ 100°F
  - 19 bar @ 38°C

#### MODEL 109 MDT

##### CLASS 300

- Carbon Steel Body/316 SS Trim
- Size: 2" - 24" (50 - 600mm)
  - 740psi WOG @ 100°F
  - 51 bar @ 38°C

#### MODEL 113 DT

##### CLASS 600

- Carbon Steel Body/316 SS Trim
- Size: 2" - 10" (50 - 250mm)
  - 1480psi WOG @ 100°F
  - 102 bar @ 38°C

#### MODEL 117 DT

##### CLASS 1500

- Carbon Steel Body/316 SS Trim
- Size: 2" - 24" (50 - 600mm)
  - 3705psi WOG @ 100°F
  - 255 bar @ 38°C

#### MODEL 105 MHT

##### CLASS 150

- 316 SS Body/316 SS Trim
- Size: 2" - 30" (50 - 750mm)
  - 275psi WOG @ 100°F
  - 18 bar @ 38°C

#### MODEL 109 MHT

##### CLASS 300

- 316 SS Body/316 SS Trim
- Size: 2" - 24" (50 - 600mm)
  - 720psi WOG @ 100°F
  - 49 bar @ 38°C

#### MODEL 113 HT

##### CLASS 600

- 316 SS Body/316 SS Trim
- Size: 2" - 10" (50 - 250mm)
  - 1440psi WOG @ 100°F
  - 99 bar @ 38°C

#### MODEL 117 HT

##### CLASS 1500

- 316 SS Body/316 SS Trim
- Size: 2" - 24" (50 - 600mm)
  - 3600psi WOG @ 100°F
  - 248 bar @ 38°C

### NPT TYPE

#### MODEL 303 AP

##### CLASS 250

Cast Iron Body/Bronze Trim  
EPDM Soft Seat Option Available

- Size: 1/4" - 2" (8 - 50mm)
- 200psi WOG @ 150°F
- 13 bar @ 65°C



#### MODEL 303 AT

##### CLASS 250

Cast Iron Body/316 SS Trim  
EPDM Soft Seat Option Available

- Size: 1/4" - 2" (8 - 50mm)
- 200psi WOG @ 150°F
- 13 bar @ 65°C

#### MODEL 303 BP

##### CLASS 300

Bronze Body/Bronze Trim  
Optional EPDM Soft Seat Available

- Size: 1/4" - 2" (8 - 50mm)
- 400psi WOG @ 150°F
- 27 bar @ 65°C

#### MODEL 303 HT

##### CLASS 300

316 SS Body/316 SS Trim  
Optional Viton® Soft Seat Available

- Size: 1/4" - 2" (8 - 50mm)
- 600psi WOG @ 100°F
- 41 bar @ 38°C

\* Do not use directly on discharge of reciprocating compressors.