



s.132 NPT

stainless steel

1/4" - 2"
2000 PSI



Quality

- Dual sealing system allows valve to be operated in either direction making installation easier
- Handle clearly shows ball position
- Silicone-free lubricant on all seals
- Test standard API 598
- NACE compliance MR-01-75
- Handle stops on body to avoid stresses at stem

Body

- CF8M stainless steel body and cap
- Design specification ANSI B16.34 CLASS 900

Stem

- Blowout-proof stainless steel stem

Sealing

- Molecular enhanced-PTFE (ME-PTFE) seats consist in virgin PTFE (no glass or carbon fillers are used) which, due to its improved molecular structure, surpass the mechanical properties of conventional filled PTFE materials. Used in fluid sealing applications it provides superior performance in terms of high temperature strength, reduced creep distortion, and resistance to chemical attack.

Threads

- NPT taper ANSI B.1.20.1 female by female threads

Flow

- 100% full port for maximum flow

Handle

- Plastic coated stainless steel lockable handle. Handle coating offers both thermal and electrical protection
- **WARNING:** do not exceed reasonable temperature and/or electrical load

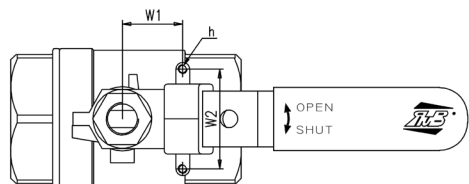
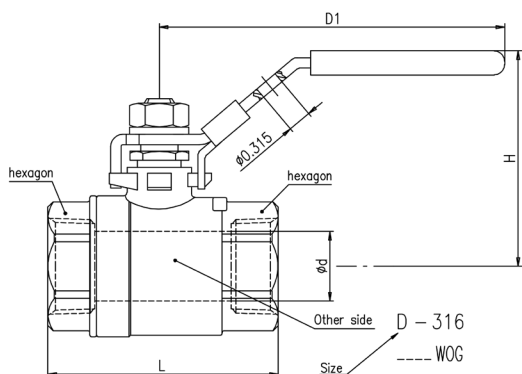
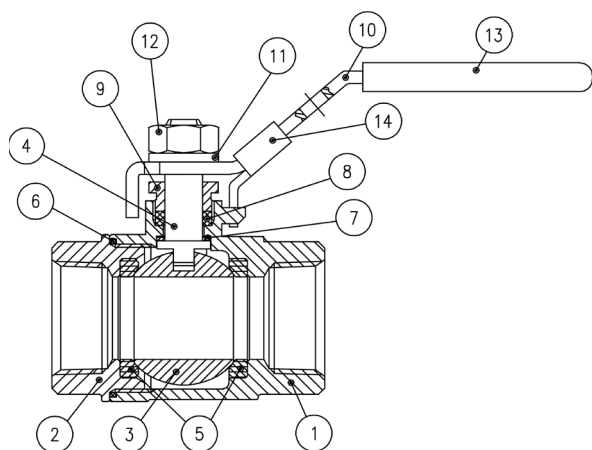
Working pressure & temperature

- 2000 PSI from 1/4" up to 1", 1500 PSI from 1 1/4" up to 2" non-shock cold working pressure
- 150 PSI WSP steam rating
- 2×10^{-2} torr vacuum rating
- *150 psig non-shock working steam pressure. Not suitable for throttling steam.
- -50°F to +475°F
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

Approved by or in compliance with

- GOST-R (Russia)

NOTE: approvals apply to specific configurations/sizes only.



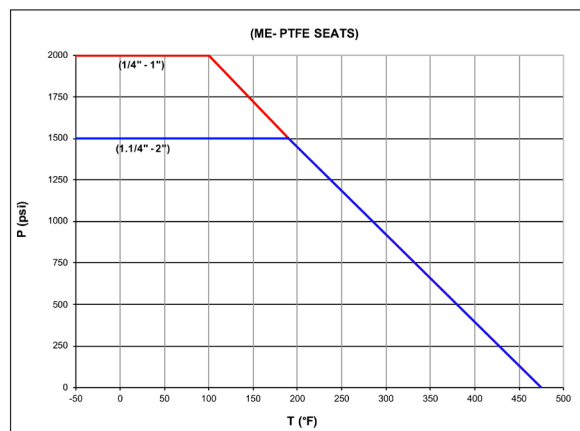
| Part description | Q.ty | Material |
|--------------------|------|--------------|
| 1 Body | 1 | A351-CF8M |
| 2 Cap | 1 | A351-CF8M |
| 3 Ball | 1 | A351-CF8M |
| 4 Stem | 1 | A276 Gr. 316 |
| 5 Seat | 2 | ME-PTFE* |
| 6 Gasket | 1 | ME-PTFE* |
| 7 Thrust washer | 1 | ME-PTFE* |
| 8 Packing | 1 | ME-PTFE* |
| 9 Gland | 1 | A194 Gr.8 |
| 10 Lockable handle | 1 | A240 SS304 |
| 11 Lock washer | 1 | A493 SS304f |
| 12 Handle nut | 1 | A194 Gr.8 |
| 13 Handle sleeve | 1 | Vinyl grip |
| 14 Locking plate | 1 | A240 SS304 |

| Code | 132B41 | 132C41 | 132D41 | 132E41 | 132F41 | 132G41 | 132H41 | 132I41 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| D (Size) | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
| d (inch) | 0.433 | 0.492 | 0.591 | 0.787 | 0.984 | 1.26 | 1.575 | 2 |
| L (inch) | 2.343 | 2.343 | 2.539 | 3.031 | 3.563 | 3.917 | 4.646 | 5.374 |
| H (inch) | 2.244 | 2.244 | 2.268 | 2.697 | 2.862 | 3.453 | 3.661 | 4.106 |
| D1 (inch) | 4.055 | 4.055 | 4.055 | 5 | 5 | 6.124 | 6.124 | 7.598 |
| W1 (inch) | 0.5 | 0.5 | 0.5 | 0.882 | 0.882 | 1 | 1 | 1 |
| W2 (inch) | 1.122 | 1.122 | 1.122 | 1.378 | 1.378 | 1.5 | 1.5 | 1.5 |
| h | M5x0.8 | M5x0.8 | M5x0.8 | M6x1 | M6x1 | M6x1 | M6x1 | M6x1 |
| ---WOG | 2000 | 2000 | 2000 | 2000 | 2000 | 1500 | 1500 | 1500 |
| Cv (GPM) | 12 | 16 | 23 | 40 | 62 | 101 | 160 | 258 |

Water flow ratings

| Size | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|------|------|------|------|------|----|--------|--------|-----|
| CV | 12 | 16 | 23 | 40 | 62 | 101 | 160 | 258 |

Pressure-temperature chart



*ME-PTFE is molecular enhanced PTFE

Pressure drop chart

