



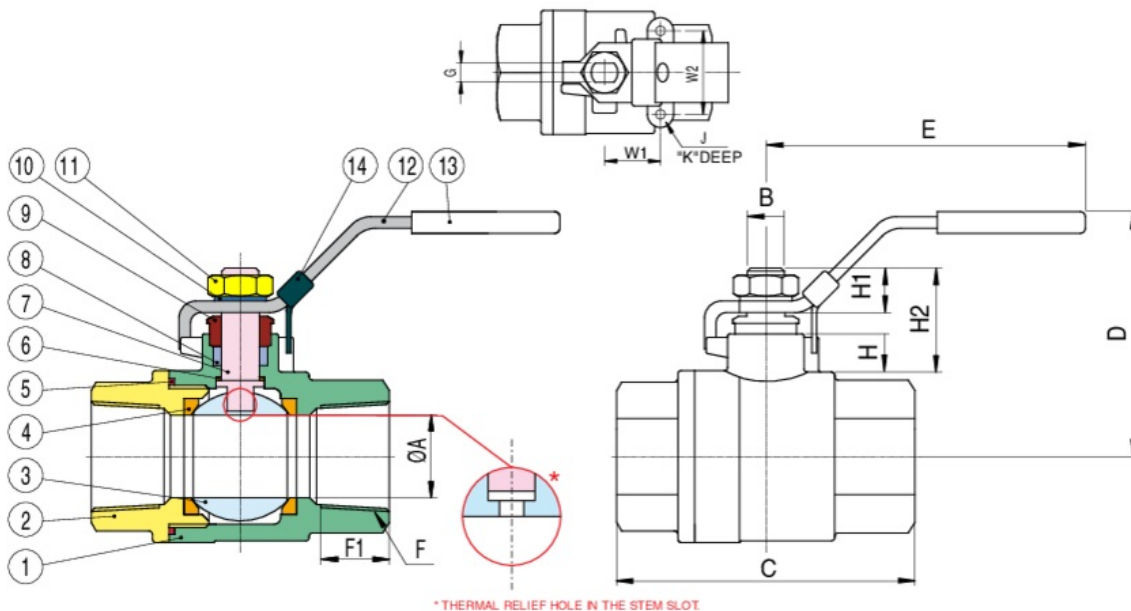
700 LL STAINLESS STEEL BALL VALVE

2-piece stainless steel, FNPT threaded ball valve with locking handle, full port vented ball.

- Working pressure is 2000 psi (1/4" to 1"), 1500 psi (1 1/4" to 2") - 150 psi steam.
- Temperature range -40°F to 450°F.
- Self adjusting stem packing.
- Blow-out proof stem design.
- 100% air tested under water at 80 psi.
- Mounting pad for actuator.
- ANSI B1.20.1 connections.
- NACE MR 0175.

700LL: size 1/4" to 2".

Technical specifications



| POSITION | PART NAME | MATERIAL | N.° PIECES |
|----------|----------------|----------|------------|
| 1 | BODY | CF8M | 1 |
| 2 | END CAP | CF8M | 1 |
| 3 | BALL | AISI 316 | 1 |
| 4 | SEAT | RTFE | 2 |
| 5 | JOINT GASKET | PTFE | 1 |
| 6 | THRUST WASHER | PTFE | 1 |
| 7 | STEM | AISI 316 | 1 |
| 8 | V RING PACKING | PTFE | 1 |
| 9 | GLAND BUSH | AISI 304 | 1 |
| 10 | STEM WASHER | AISI 304 | 1 |
| 11 | STEM NUT | AISI 304 | 1 |
| 12 | HANDLE | AISI 304 | 1 |
| 13 | HANDLE SLEEVE | VINYL | 1 |
| 14 | LOCKING DEVICE | AISI 304 | 1 |

| SIZE | ØA | B | C | D | E | F1 | J | K | G | H | H1 | H2 | W1 | W2 | CV | WEIGHT LBS |
|--------|------|------|------|------|------|------|----|------|------|------|------|------|------|------|-----|------------|
| 1/4" | 0.45 | 0.31 | 2.16 | 1.96 | 3.93 | 0.59 | 10 | 0.23 | 0.2 | 0.31 | 0.38 | 0.87 | 0.5 | 1.12 | 8 | 0.51 |
| 3/8" | 0.49 | 0.31 | 2.16 | 1.96 | 3.93 | 0.59 | 10 | 0.23 | 0.2 | 0.31 | 0.38 | 0.87 | 0.5 | 1.12 | 10 | 0.51 |
| 1/2" | 0.59 | 0.37 | 2.55 | 2.36 | 5.11 | 0.62 | 10 | 0.19 | 0.26 | 0.41 | 0.43 | 1 | 0.5 | 1.12 | 15 | 0.83 |
| 3/4" | 0.78 | 0.37 | 2.93 | 2.51 | 5.11 | 0.66 | 10 | 0.27 | 0.26 | 0.41 | 0.43 | 1 | 0.88 | 1.37 | 34 | 1.14 |
| 1" | 0.98 | 0.43 | 3.46 | 2.79 | 6.49 | 0.94 | 10 | 0.27 | 0.31 | 0.45 | 0.53 | 1.24 | 0.92 | 1.37 | 56 | 2.02 |
| 1 1/4" | 1.25 | 0.43 | 4.01 | 3.07 | 6.49 | 0.86 | 1 | 0.27 | 0.31 | 0.45 | 0.53 | 1.24 | 1 | 1.5 | 85 | 2.7 |
| 1 1/2" | 1.49 | 0.55 | 4.33 | 3.38 | 7.48 | 0.88 | 1 | 0.27 | 0.38 | 0.47 | 0.61 | 1.38 | 1 | 1.5 | 125 | 4.18 |
| 2" | 1.96 | 0.55 | 4.92 | 3.74 | 7.48 | 1.02 | 1 | 0.27 | 0.38 | 0.37 | 0.61 | 1.02 | 1 | 1.5 | 250 | 6.86 |