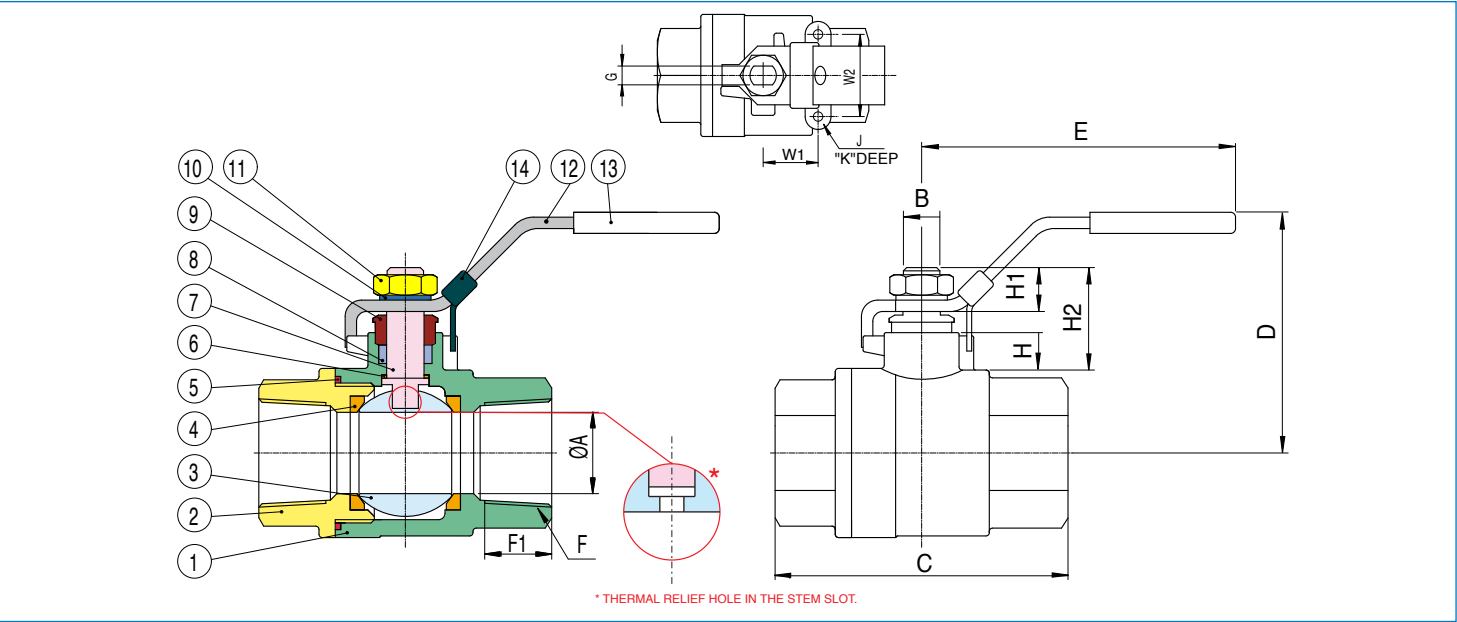




SERIES 700 LL  
STAINLESS STEEL BALL VALVE

- 2 piece stainless steel, FNPT threaded ball valve with locking handle.
- Full port sizes 1/4" to 2".
  - Self adjusting stem packing.
  - Blow-out proof stem design.
  - 100% air tested under water at 80 psi.
  - Working pressure is 2000 psi (1/4" to 1"), 1500 psi (1 1/4" to 2")-150 psi steam.
  - Temperature range -4° F to 450° F.
  - Mounting pad for actuator.
  - ANSI B1.20.1 connections.

7700LL: SEAL WELD VERSION AVAILABLE.



| N POS | PART NAME      | MATERIAL | N PCS |
|-------|----------------|----------|-------|
| 1     | BODY           | CF8M     | 1     |
| 2     | END CAP        | CF8M     | 1     |
| 3     | BALL           | SS316    | 1     |
| 4     | SEAT           | R.T.F.E. | 2     |
| 5     | JOINT GASKET   | P.T.F.E. | 1     |
| 6     | THRUST WASHER  | P.T.F.E. | 1     |
| 7     | STEM           | SS316    | 1     |
| 8     | V RING PACKING | P.T.F.E. | 1     |
| 9     | GLAND BUSH     | SS304    | 1     |
| 10    | STEM WASHER    | SS304    | 1     |
| 11    | STEM NUT       | SS304    | 1     |
| 12    | HANDLE         | SS304    | 1     |
| 13    | HANDLE SLEEVE  | VINYL    | 1     |
| 14    | LOCKING DEVICE | SS304    | 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 | 10-24UNC  | 0.23 | 0.20 | 0.31 | 0.38 | 0.87 | 0.50 | 1.12 | 8   | 0.51       |
| 3/8"   | 0.49 | 0.31 | 2.16 | 1.96 | 3.93 | 0.59 | 10-24UNC  | 0.23 | 0.20 | 0.31 | 0.38 | 0.87 | 0.50 | 1.12 | 10  | 0.51       |
| 1/2"   | 0.59 | 0.37 | 2.55 | 2.36 | 5.11 | 0.62 | 10-24UNC  | 0.19 | 0.26 | 0.41 | 0.43 | 1.00 | 0.50 | 1.12 | 15  | 0.83       |
| 3/4"   | 0.78 | 0.37 | 2.93 | 2.51 | 5.11 | 0.66 | 10-24UNC  | 0.27 | 0.26 | 0.41 | 0.43 | 1.00 | 0.88 | 1.37 | 34  | 1.14       |
| 1"     | 0.98 | 0.43 | 3.46 | 2.79 | 6.49 | 0.94 | 10-24UNC  | 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 | 1/4-20UNC | 0.27 | 0.31 | 0.45 | 0.53 | 1.24 | 1.00 | 1.50 | 85  | 2.70       |
| 1 1/2" | 1.49 | 0.55 | 4.33 | 3.38 | 7.48 | 0.88 | 1/4-20UNC | 0.27 | 0.38 | 0.47 | 0.61 | 1.38 | 1.00 | 1.50 | 125 | 4.18       |
| 2"     | 1.96 | 0.55 | 4.92 | 3.74 | 7.48 | 1.02 | 1/4-20UNC | 0.27 | 0.38 | 0.37 | 0.61 | 1.02 | 1.00 | 1.50 | 250 | 6.86       |