



## 3000

### CARBON STEEL - STAINLESS STEEL

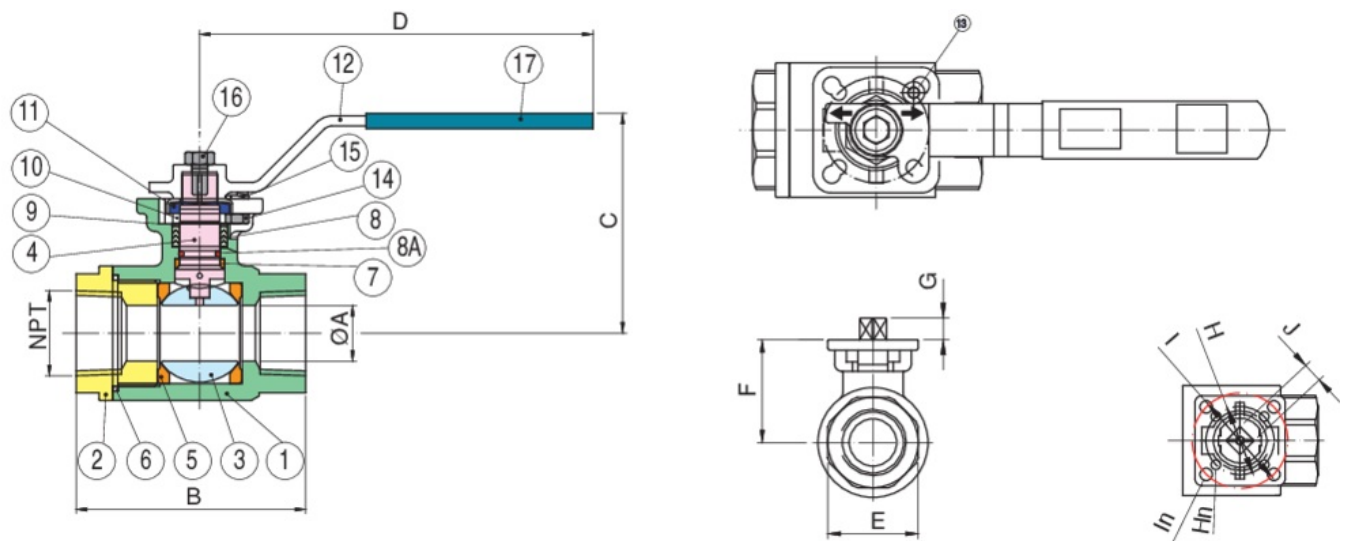
2-piece, FNPT threaded, direct mount ball valve full port.

- Pressure rating 3000 psi (100°F)
- Temperature range -20°F to 185°F.
- Blow-out proof stem/Antistatic design.
- ISO 5211 mounting pad.
- NACE MR-0175.

3000: size 1/4" to 1 1/2", 2" reduced port.

3100: size 1/4" to 1 1/2", 2" reduced port.

## Technical specifications



| POSITION | PART NAME        | MATERIAL       | N.° PIECES |
|----------|------------------|----------------|------------|
| 1        | BODY             | CF8M/WCB       | 1          |
| 2        | END CAP          | CF8M/WCB       | 1          |
| 3        | BALL             | CF8M           | 1          |
| 4        | ANTI-STATIC STEM | AISI 316       | 1          |
| 5        | BALL SEAT        | DELRIN         | 2          |
| 6        | BODY SEAL        | PTFE           | 1          |
| 7        | THRUST WASHER    | PTFE           | 1          |
| 8        | STEM PACKING     | PTFE           | 1          |
| 8A       | O-RING           | FKM (VITON)    | 1          |
| 9        | THRUST WASHER    | 50%SS-50% PTFE | 1          |
| 10       | STEM NUT         | AISI 304       | 1          |
| 11       | LOCK SADDLE      | AISI 304       | 1          |
| 12       | HANDLE           | AISI 304       | 1          |
| 13       | STOP BOLT        | AISI 304       | 1          |
| 14       | STOP NUT         | AISI 304       | 1          |
| 15       | STOP WASHER      | AISI 304       | 1          |
| 16       | HANDLE BOLD      | AISI 304       | 1          |
| 17       | HANDLE SLEEVE    | VINYL          | 1          |

| SIZE   | ØA   | B    | C    | D    | E    | F    | G    | ISO 5211 I          | HN   | IN   | J MM | CV  | TORQUE IN-LBS | WEIGHT LBS |
|--------|------|------|------|------|------|------|------|---------------------|------|------|------|-----|---------------|------------|
| 1/4"   | 0.38 | 2.95 | 2.31 | 6.3  | 1.02 | 1.61 | 0.31 | F03-F04 1.42"-1.65" | 0.22 | 0.22 | 9    | 5.3 | 101           | 1.4        |
| 3/8"   | 0.38 | 2.95 | 2.31 | 6.3  | 1.02 | 1.61 | 0.31 | F03-F04 1.42"-1.65" | 0.22 | 0.22 | 9    | 8   | 104           | 1.4        |
| 1/2"   | 0.5  | 2.95 | 2.31 | 6.3  | 1.28 | 1.61 | 0.31 | F03-F04 1.42"-1.65" | 0.22 | 0.22 | 9    | 19  | 130           | 1.5        |
| 3/4"   | 0.69 | 3.19 | 2.6  | 6.3  | 1.51 | 1.72 | 0.31 | F03-F04 1.42"-1.65" | 0.22 | 0.22 | 9    | 35  | 156           | 2          |
| 1"     | 0.87 | 3.58 | 3.02 | 6.3  | 1.86 | 2.11 | 0.39 | F04-F05 1.65"-1.97" | 0.28 | 0.24 | 11   | 50  | 208           | 3.1        |
| 1 1/4" | 1.14 | 4.33 | 3.19 | 6.3  | 2.32 | 2.32 | 0.39 | F04-F05 1.65"-1.97" | 0.28 | 0.24 | 11   | 110 | 390           | 4.8        |
| 1 1/2" | 1.37 | 4.76 | 3.84 | 8.27 | 2.96 | 2.96 | 0.51 | F05-F07 1.97"-2.76" | 0.36 | 0.28 | 14   | 180 | 468           | 8.1        |
| 2"     | 1.37 | 5.71 | 4.14 | 8.27 | 2.96 | 2.96 | 0.51 | F05-F07 1.97"-2.76" | 0.36 | 0.28 | 14   | 210 | 468           | 10.5       |