

700056

CARBON STEEL BALL VALVE



2-piece carbon steel, FNPT threaded ball valve, stainless steel ball and stem, full port.

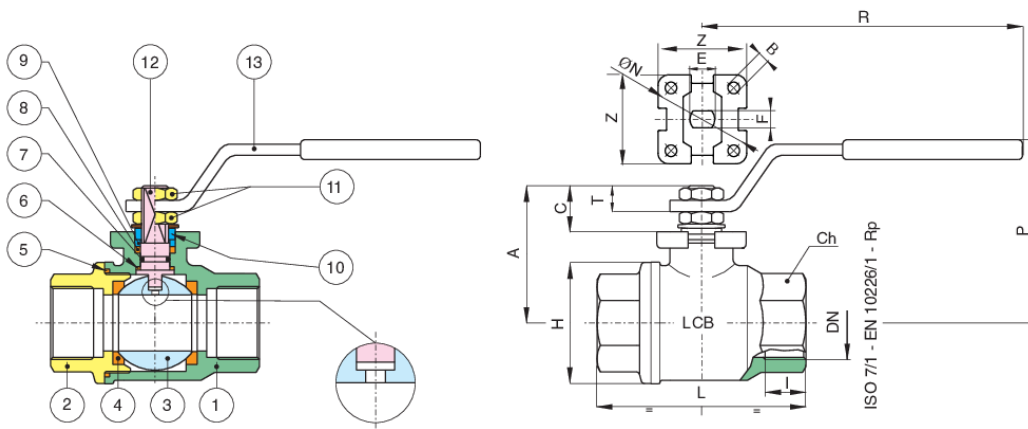
- Pressure rating 1000 psi -150 psi steam.
- Temperature -4°F to +366°F.
- Blow-out proof stem, adjustable stem packing.
- PTFE seats, packing and thrust washer.
- 100% electronically tested in the open and closed position at 80 psi.
- TUV T.A. Luft approved.
- ISO 5211 pad with double "D" stem.
- ANSI B1.20.1 connections.

700056: size 1/4" to 2".

700056LL: WITH LOCKING HANDLE - size 1/4" to 2".

COMPLIES WITH NACE MR 0175/ISO 15156 AND NACE MR 0103.

Technical specifications



| POSITION | PART NAME | MATERIAL | N.° PIECES |
|----------|----------------|---------------|------------|
| 1 | BODY | ASTM A105-WCB | 1 |
| 2 | END CONNECTION | ASTM A105-WCB | 1 |
| 3 | BALL | AISI 304-CF8 | 1 |
| 4 | BALL SEAT | PTFE | 2 |
| 5 | SEAT | PTFE | 1 |
| 6 | THRUST WASHER | PTFE | 1 |
| 7 | O-RING | FKM | 1 |
| 8 | STEM SEAT | PTFE | 1 |
| 9 | PACKING GLAND | STEEL | 1 |
| 10 | END STOP | AISI 430 | 2 |
| 11 | NUT | STEEL | 2 |
| 12 | STEM | AISI 304 | 1 |
| 13 | HANDLE | STEEL | 1 |

| SIZE | I | L | H | CH | R | P | A | C | T | E | F | ISO 5211 | B | Z | CV | PSI | WEIGHT LBS |
|--------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|--------|------|------------|
| 1/4" | 0.43 | 2.17 | 1.18 | 0.87 | 4.33 | 1.97 | 1.38 | 0.53 | 0.31 | 0.31 | 0.2 | F03 | 0.22 | 1.42 | 6.36 | 1000 | 0.63 |
| 3/8" | 0.45 | 2.17 | 1.18 | 0.87 | 4.33 | 1.97 | 1.38 | 0.53 | 0.31 | 0.31 | 0.2 | F03 | 0.22 | 1.42 | 9.83 | 1000 | 0.6 |
| 1/2" | 0.59 | 2.6 | 1.42 | 1.06 | 4.33 | 2.09 | 1.5 | 0.53 | 0.31 | 0.31 | 0.2 | F03 | 0.22 | 1.42 | 22.21 | 1000 | 0.8 |
| 3/4" | 0.64 | 3.11 | 1.77 | 1.26 | 5.16 | 2.68 | 2.01 | 0.59 | 0.39 | 0.39 | 0.28 | F04 | 0.22 | 1.65 | 40.5 | 1000 | 1.46 |
| 1" | 0.75 | 3.66 | 2.13 | 1.61 | 6.85 | 3.11 | 2.36 | 0.77 | 0.49 | 0.47 | 0.31 | F04 | 0.22 | 1.65 | 74.63 | 1000 | 2.25 |
| 1 1/4" | 0.84 | 3.86 | 2.52 | 1.97 | 6.85 | 3.27 | 2.52 | 0.77 | 0.49 | 0.47 | 0.31 | F04 | 0.22 | 1.65 | 120.1 | 1000 | 3.09 |
| 1 1/2" | 0.84 | 4.33 | 3.15 | 2.17 | 9.84 | 3.94 | 3.11 | 0.94 | 0.65 | 0.63 | 0.39 | F05 | 0.26 | 1.97 | 201.32 | 1000 | 5.29 |
| 2" | 1.01 | 5.12 | 3.74 | 2.76 | 9.84 | 4.21 | 3.39 | 0.94 | 0.65 | 0.63 | 0.39 | F05 | 0.26 | 1.97 | 348.6 | 1000 | 7.91 |

Certifications

SIL 3



ATEX FIRE-SAFE (On request)