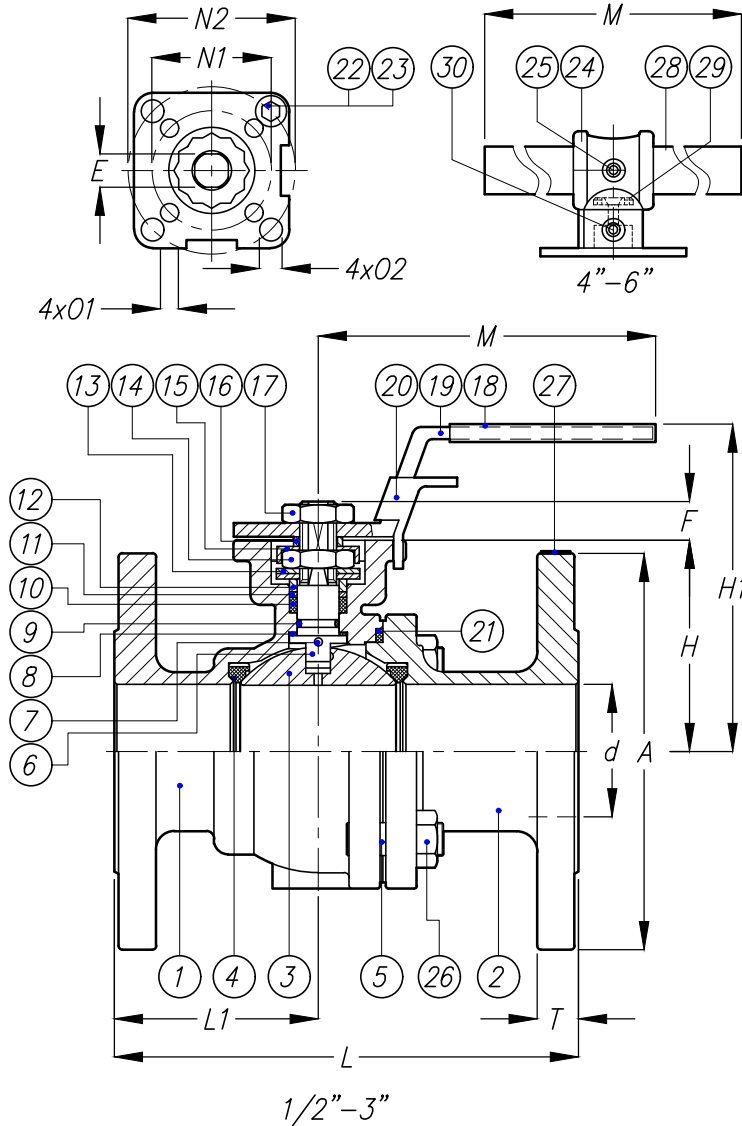


BALL VALVE OF CAST STEEL, ASME Class 300#, ECON FIG. 7257

FLANGES ACC. TO ASME 300#, DIRECT MOUNT, WITH LOCKING DEVICE



| POS | NAME | MATERIAL |
|-----|-------------------|-------------------------|
| 1 | BODY | A216-WCB |
| 2 | BODY END | A216-WCB |
| 3 | BALL | A351-CF8M A351-CF8 1) |
| 4 | SEAT RING | PTFE (TFM1600) |
| 5 | STUD | A193-B7 |
| 6 | STEM | A276-316 A276-304 1) |
| 7 | ANTISTATIC DEVICE | AISI 304 |
| 8 | THRUST WASHER | PTFE |
| 9 | O-RING | VITON |
| 10 | STEM SEAL | GRAFOIL |
| 11 | BUSH | AISI 304 |
| 12 | GLAND | AISI 316 |
| 13 | BELLEVILLE WASHER | AISI 301 |
| 14 | NUT | A194-8 |
| 15 | LOCK PLATE | AISI 304 |
| 16 | GLAND | AISI 304 |
| 17 | STEM NUT | A194-8 |
| 18 | SLEEVE | PLASTIC |
| 19 | LEVER 1/2" TO 3" | AISI 304 |
| 20 | LOCKING DEVICE | AISI 304 |
| 21 | GASKET | SPW 316L/PTFE/GRAPHITE |
| 22 | CAP SCREW | A2-70 |
| 23 | NUT | A2-70 |
| 24 | HANDLE ADAPTOR | CF8 |
| 25 | SET SCREW | A 193-B8 |
| 26 | BODY NUT | A194-2H |
| 27 | NAME PLATE | AISI 304 |
| 28 | PIPE HANDLE | A53+PLATED ZN |
| 29 | BOLTING | A2-70 |
| 30 | SET SCREW | A 193-B8 |

- DESIGN ACC. TO ASME B16.34, API608, EN ISO 17292
- FIRE SAFE CERTIFICATED ACC. TO API607 6TH EDITION AND EN-ISO 10497 (2010)
- ANTI-STATIC DEVICES
- DOUBLE STEM SEALING ACC. TO TA-LUFT
- PRESSURE RELIEF HOLE IN BALL
- F TO F DIMENSION ACC. TO ASME B16.10, LONG PATTERN
- FLANGE FACINGS ACC. TO ASME B16.5 RF (Ra 3.2.-6.3)
- TOP-FLANGE ACC. TO ISO 5211
- 8" BARE SHAFT / WITHOUT OPERATOR

1) AVAILABLE ALTERNATIVE

| DN | ∅d | ∅A | E | F | H | H1 | L | L1 | M | ∅N1 | ∅N2 | ∅O1 | ∅O2 | T | m(kg) |
|--------|-------|-------|----|----|-------|-------|-----|-------|-----|-----|-----|-----|-----|------|-------|
| 1/2" | 15.0 | 95.0 | 9 | 9 | 48.8 | 79.0 | 140 | 61.5 | 145 | 36 | 42 | 6 | 6 | 14.7 | 2.4 |
| 3/4" | 20.0 | 115.0 | 9 | 9 | 58.5 | 89.0 | 152 | 67.5 | 145 | 36 | 42 | 6 | 6 | 16.3 | 3.2 |
| 1" | 25.0 | 125.0 | 11 | 11 | 63.5 | 94.5 | 165 | 73.0 | 175 | 42 | 50 | 6 | 7 | 17.9 | 4.2 |
| 1.1/4" | 32.0 | 135.0 | 11 | 11 | 71.0 | 101.0 | 178 | 77.4 | 175 | 42 | 50 | 6 | 7 | 19.5 | 5.5 |
| 1.1/2" | 38.0 | 155.0 | 14 | 14 | 79.5 | 110.0 | 190 | 77.0 | 190 | 50 | 70 | 7 | 9 | 21.1 | 6.9 |
| 2" | 50.0 | 165.0 | 14 | 14 | 84.5 | 115.0 | 216 | 97.0 | 190 | 50 | 70 | 7 | 9 | 22.7 | 9.5 |
| 2.1/2" | 63.5 | 190.0 | 17 | 17 | 101.5 | 150.0 | 241 | 111.0 | 265 | 70 | 102 | 9 | 11 | 25.9 | 13.8 |
| 3" | 76.0 | 210.0 | 17 | 17 | 111.5 | 176.0 | 282 | 132.0 | 300 | 70 | 102 | 9 | 11 | 29.0 | 17.7 |
| 4" | 100.0 | 254.0 | 22 | 22 | 140.0 | 204.0 | 305 | 146.0 | 400 | - | 102 | - | 11 | 32.2 | 25.2 |
| 5" | 125.0 | 280.0 | 27 | 27 | 183.0 | 255.5 | 381 | 160.0 | 600 | - | 125 | - | 14 | 35.4 | 60.0 |
| 6" | 150.0 | 320.0 | 27 | 27 | 203.0 | 275.5 | 403 | 176.0 | 800 | - | 125 | - | 14 | 37.0 | 73.8 |
| 8" | 200.0 | 381.0 | 27 | 27 | 252.5 | 328.0 | 502 | 221.0 | - | 125 | 140 | 14 | 18 | 41.7 | 171.0 |

DATE:
19-05-2005

REV. DATE:
01-03-2016

econ®

DRAWN:
FWP

CHECKED:
RV

DWG. Nr.:
7257

REV.:
E