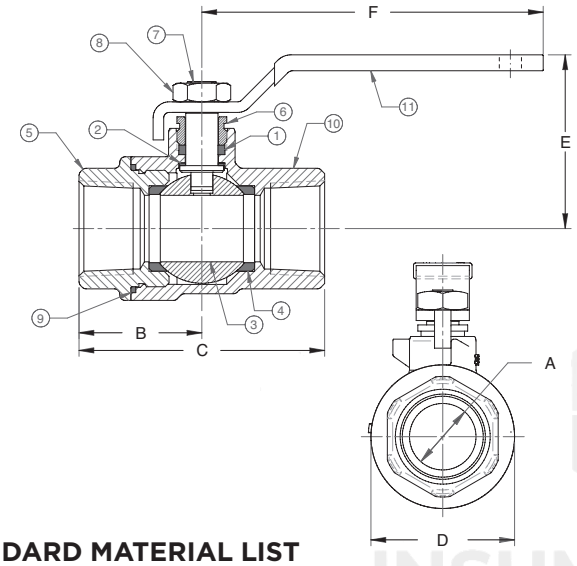
# 76F-100-A SERIES

STAINLESS STEEL FULL PORT BALL VALVE

Female NPT Thread, 1/4"-3" 1000 CWP (psig), Cold Non-Shock. (See referenced P/T chart)
150 psig Saturated Steam.
Vacuum Service to 29 inches Hg.
MSS SP-110 Compliant.
Designed, cast, machined, assembled, and 100% factory tested in USA.

## FEATURES

- Investment cast components
- Reinforced seats
- Blowout-proof stem design
- Adjustable packing gland
- Stainless steel lever and nut




## STANDARD MATERIAL LIST

| | PART | MATERIAL |
|---|---|---|
| 1 | Stem packing | MPTFE |
| 2 | Stem bearing | RPTFE |
| 3 | Ball | A276-316SS (1/4" to 2", except 1-1/4")<br>A276-316SS or A351-CF8M stainless (1-1/4")<br>A351-CF8M stainless (3") |
| 4 | Seat (2) | RPTFE (2" & smaller); RTFM (3") |
| 5 | Retainer | ASTM A276-316SS (1/4" & 3/8")<br>ASTM A351-CF8M stainless (1/2" to 3") |
| 6 | Gland | A276-316 Stainless Steel |
| 7 | Stem | A276-316 Stainless Steel |
| 8 | Lever nut | 304 Stainless Steel |
| 9 | Body Seal | RPTFE (1/2" to 3") |
| 10 | Body | A351-CF8M |
| 11 | Lever and grip | SS w/vinyl |

## DIMENSIONS

| PART NO. | SIZE | A | B | C | D | E | F | WT. |
|---|---|---|---|---|---|---|---|---|
| 76F-101-27 | 1/4" | 0.37 | 0.95 | 1.91 | 1.12 | 1.60 | 3.85 | 0.47 |
| 76F-102-27 | 3/8" | 0.37 | 0.95 | 1.91 | 1.12 | 1.60 | 3.85 | 0.44 |
| 76F-103-27A | 1/2" | 0.50 | 1.21 | 2.35 | 1.27 | 1.73 | 3.85 | 0.57 |
| 76F-104-27A | 3/4" | 0.81 | 1.39 | 2.77 | 1.62 | 1.96 | 3.85 | 0.91 |
| 76F-105-27A | 1" | 1.00 | 1.67 | 3.34 | 2.00 | 2.27 | 4.75 | 1.38 |
| 76F-106-27A | 1-1/4" | 1.25 | 1.96 | 3.92 | 2.73 | 3.21 | 7.77 | 4.17 |
| 76F-107-27A | 1-1/2" | 1.50 | 2.05 | 4.10 | 2.92 | 3.31 | 7.77 | 4.69 |
| 76F-108-27A | 2" | 2.00 | 2.37 | 4.74 | 3.75 | 3.69 | 7.77 | 6.90 |
| 76F-100-27A | 3" | 3.00 | 3.70 | 7.40 | 5.68 | 5.23 | 10.00 | 22.40 |

- Fire safe to API 607 (requires -24 suffix)
- Meets NACE MR0175 (2000) & MR0103 (2012)
- CSA CGA 3.16-M88 (Requires "GS" suffix)
- NSF/ANSI/CAN 61 Section 8, Annex G (1/4" to 2")
- NSF/ANSI 372 - Drinking Water System Components - Lead Content

## OPTIONS AVAILABLE

(MORE INFORMATION IN SECTION J)

- Minimum quantities apply
- To specify an option, replace the "01" standard suffix with the suffix of the option.
- To specify multiple options, replace the "01" suffix with the desired suffixes in the numerical order shown below. NOTE: Not all suffixes can be combined together.

| (SUFFIX) | OPTION | SIZES |
|---|---|---|
| -P -27- | BSPP (Parallel) Thread Connection | 1/2" to 2" |
| -T -27- | BSPT (Tapered) Thread Connection | 1/2" to 3" |
| -02- | Stem Grounded | 1/2" to 3" |
| -08- | 90º Reversed Stem | 1/2" to 2" |
| -11- | Therma-Seal™ Insulating Tee Handle | 1/4" to 2" |
| -14- | Side Vented Ball (Uni-Directional) | 3/8" to 3" |
| -24- | Graphite Packing, PTFE Body Seal, RPTFE Bearing (API 607, 6th Edition, ISO 10497:2010) | 1/2" to 3" |
| -27- | Standard Configuration, SS Latch-Lock Lever & Nut | 3/8" to 3" |
| -30- | Cam-Lock and Grounded | 1/2" to 2" |
| -32- | SS Tee Handle & Nut | 1/2" to 2" |
| -35- | PTFE Trim | 3" |
| -39- | SS Hi-Rise Locking Wheel Handle, SS Nut | 1/2" to 2" |
| -40- | Cyl-Loc and Grounded | 1/2" to 2" |
| -44- | Seal Welded | All |
| -45- | Less Lever & Nut | 1/2" to 3" |
| -46- | Latch Lock Lever - Lock in Closed Position Only | 1/2" to 2" |
| -47- | SS Latch Lock Oval Handle | 1/2" to 2" |
| -48- | SS Oval Handle (No Latch) & Nut | 1/4" to 2" |
| -49- | No Lubrication. Assembled Dry. | 1/2" to 3" |
| -50- | 2-1/4" CS Locking Stem Extension | 1/2" to 2" |
| -56- | Multifill Seats & Packing | 1/2" to 3" |
| -57- | Oxygen Cleaned | All |
| -60- | Static Grounded Ball & Stem | 1/2" to 3" |
| -GS- | CSA CGA 3.16 (RTFE Seat - All sizes) | All |
| -UA- | AIS (American Iron & Steel) Compliant | 1/2" to 3" |

Pressure/Temperature Ratings - Page M-12, Graph No. 8

*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.

REV. 22AUG23