

101T-LF

Class 125, Rising Stem, NPT, Gate Valve

LEAD FREE



| | |
|------------------|--|
| Job Name: | |
| Job Location: | |
| Engineer: | |
| Contractor: | |
| Tag: | |
| PO#: | |
| Rep: | |
| Wholesale Dist.: | |

DESCRIPTION

The lead free* Apollo® Model 101T-LF (30LF Series) Gate valve provides a "Made in the USA" alternative to globally sourced multi-turn valves for potable water service. These valves are cast, machined, assembled, and tested in South Carolina using proven ASTM quality lead free materials.

FEATURES

- Lead Free* - ANSI 3rd Party Certified
- Full Port Design
- Guided Solid Bronze Disc Wedge
- Adjustable Graphite Stem Packing
- Rising Stem
- NPT Connection
- Screw-in Bonnet
- Rugged Malleable Iron Hand Wheel
- Back Seat Protection
- 100% Factory tested
- **100% Cast, Machined and Assembled in the USA**
- **ARRA Compliant**

PERFORMANCE RATING

- Saturated Steam:
125 psi (8.6 Bar) to 353°F(178°C)
- Cold Working Pressure:
200 psi (13.8 Bar) at 100°F
- Temperature Range: -20°F to 406°F

APPROVALS

- MSS SP-80 - Design & Testing - Type 2
- MSS SP-139 - Copper Alloy Gate, Globe, & Check Valves
- NSF/ANSI 61 Water Quality
- NSF/ANSI 372 - Lead Free
- ASME B1.20.1 - Pipe Threads, General Purpose (Inch)
- CSA B51 CRN OC14667.5

STANDARD MATERIALS LIST

| | |
|-------------------|------------------------------|
| BODY | Bronze, ASTM B584-C89836 |
| BONNET | Bronze, ASTM B584-C89836 |
| STEM | ASTM B21 UNS C46400 |
| DISC WEDGE | ASTM B584-C89836 |
| PACKING | Grafoil® (Asbestos Free) |
| HAND WHEEL | Malleable Iron, Epoxy Coated |
| NAMEPLATE | Aluminum |

DIMENSIONS

| MODEL NO. | PART NO. | SIZE (IN.) | HEIGHT OPEN (IN.) | LENGTH (IN.) | WEIGHT (LB.) | CV (GPM) |
|-----------|-------------|------------|-------------------|--------------|--------------|----------|
| 101T14LF | 30LF-001-01 | 1/4" | 4.57 | 1.76 | .80 | 3.0 |
| 101T38LF | 30LF-002-01 | 3/8" | 4.51 | 1.76 | .77 | 6.0 |
| 101T12LF | 30LF-003-01 | 1/2" | 4.85 | 2.03 | 1.0 | 12.5 |
| 101T34LF | 30LF-004-01 | 3/4" | 5.71 | 2.07 | 1.30 | 24.0 |
| 101T1LF | 30LF-005-01 | 1" | 6.71 | 2.45 | 2.16 | 72.3 |
| 101T14LF | 30LF-006-01 | 1-1/4" | 8.1 | 2.63 | 3.2 | 80.0 |
| 101T12LF | 30LF-007-01 | 1-1/2" | 9.08 | 2.88 | 4.36 | 119.0 |
| 101T2LF | 30LF-008-01 | 2" | 11.28 | 3.06 | 7.01 | 338.0 |
| 101T212LF | 30LF-009-01 | 2-1/2" | 14.58 | 4.13 | 13.79 | 395.0 |
| 101T3LF | 30LF-000-01 | 3" | 19.07 | 4.48 | 17.7 | 435.0 |

**Cv = flowrate at 1.0 psid

*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.