

# 'Apollo' Valves

## SUBMITTAL SHEET

### LEAD FREE

### 101T LF

Class 125, Rising Stem, NPT Gate Valve



|                        |  |
|------------------------|--|
| Job Name:              |  |
| Job Location:          |  |
| Engineer:              |  |
| Contractor:            |  |
| Tag:                   |  |
| PO Number:             |  |
| Representative:        |  |
| Wholesale Distributor: |  |



### 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
- Adjustable Graphite Stem Packing
- Rising Stem
- NPT Connection
- Screw-in Bonnet
- Rugged Malleable Iron Hand Wheel
- Back seat protection
- 100% Factory tested
- Cast, Machined and Assembled in the USA
- ARRA Compliant

### STANDARDS

- MSS SP-139, "Copper Alloy Gate, Globe, & Check Valves"
- NSF/ANSI 61-8 2010, Annex F & G
- ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
- CSA B51 CRN 0C14667.5

### PERFORMANCE RATING

- Cold Working Pressure: 200 psi (13.8 Bar) at 100°F
- Temperature Range: -20°F to 406°F

### STANDARD MATERIALS LIST

| Part Name  | Material                     |
|------------|------------------------------|
| Body       | ASTM B584-C89836 Bronze      |
| Bonnet     | ASTM B584-C89836 Bronze      |
| Stem       | ASTM B371- C69400 Bronze     |
| Disc       | ASTM B584-C89836 Bronze      |
| Packing    | Grafoil                      |
| Hand Wheel | Malleable Iron, Epoxy Coated |
| Nameplate  | Aluminum                     |

### ORDER INFORMATION

| Model Number | Part Number | Size (in.) |
|--------------|-------------|------------|
| 101T14LF     | 30LF-001-01 | 1/4"       |
| 101T38LF     | 30LF-002-01 | 3/8"       |
| 101T12LF     | 30LF-003-01 | 1/2"       |
| 101T34LF     | 30LF-004-01 | 3/4"       |
| 101T1LF      | 30LF-005-01 | 1"         |
| 101T114LF    | 30LF-006-01 | 1-1/4"     |
| 101T112LF    | 30LF-007-01 | 1-1/2"     |
| 101T2LF      | 30LF-008-01 | 2"         |
| 101T212LF    | 30LF-009-01 | 2-1/2"     |
| 101T3LF      | 30LF-000-01 | 3"         |

### DIMENSIONS

| Height open (in.) | Length (in.) | Weight (lbs) | Cv** (gpm) |
|-------------------|--------------|--------------|------------|
| 4.57              | 1.76         | .80          | 3.0        |
| 4.51              | 1.76         | .77          | 6.0        |
| 4.85              | 2.03         | 1.0          | 12.5       |
| 5.71              | 2.07         | 1.30         | 24.0       |
| 6.71              | 2.45         | 2.16         | 72.3       |
| 8.1               | 2.63         | 3.2          | 80.0       |
| 9.08              | 2.88         | 4.36         | 119.0      |
| 11.28             | 3.06         | 7.01         | 338.0      |
| 14.58             | 4.13         | 13.79        | 395.0      |
| 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 CA AB1953, VT Act 193, MD HB372, LA HB471 and Federal Public Law 111-380. ANSI 3rd party approved and listed.

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