

# 'Apollo' Valves

## SUBMITTAL SHEET

### LEAD FREE

## 101T LF

Class 125, Rising Stem, NPT Gate Valve



<b>Job Name:</b>	
<b>Job Location:</b>	
<b>Engineer:</b>	
<b>Contractor:</b>	
<b>Tag:</b>	
<b>PO Number:</b>	
<b>Representative:</b>	
<b>Wholesale Distributor:</b>	



### 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.

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**  
701 Matthews Mint-Hill Road, Matthews, NC 28105 USA  
[www.apollovalves.com](http://www.apollovalves.com) | (704) 841-6000

This specification is provided for reference only. Conbraco Industries Inc. reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold. Please visit our website @ [www.apollovalves.com](http://www.apollovalves.com) for the most current information.

