

'Apollo' Valves

SUBMITTAL SHEET

LEAD FREE

101S LF

Class 125, Rising Stem, Solder **Gate Valve**



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



DESCRIPTION

The Lead Free* Apollo Model 101S-LF (30LF Series) Gate valve provides a reliable, long lasting "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 materials.

FEATURES

- Full Port
- Solder Connections
- Guided Solid Bronze Disc
- Adjustable Graphite Stem Packing
- Rising Stem
- Dezincification Resistant Bronze Construction
- "Lead-Free*" ANSI 3rd party Certified
- 100% Factory tested per MSS
- Screw-in Bonnet
- Rugged Malleable Iron Hand Wheel
- Back seat protection
- **Cast, Machined and Assembled in the USA**
- ARRA Compliant

STANDARDS

- MSS SP-139, "Copper Alloy Gate, Globe, & Check Valves"
- ASME B16.18, "Cast Copper Alloy Solder Joint Pressure Fittings"
- NSF/ANSI 61-8 (2010) Annex F & G
- NSF 372
- Canadian Registration Number OC14667.5

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
Nameplate	Aluminum

ORDER INFORMATION

Model Number	Part Number	Size (in.)
101S12LF	30LF-083-01	1/2"
101S34LF	30LF-084-01	3/4"
101S1LF	30LF-085-01	1"
101S114LF	30LF-086-01	1-1/4"
101S112LF	30LF-087-01	1-1/2"
101S2LF	30LF-088-01	2"
101S212LF	30LF-089-01	2-1/2"
101S3LF	30LF-080-01	3"

DIMENSIONS

Height open (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
4.85	1.88	1.0	12.5
5.71	2.43	1.30	24.0
6.71	2.96	2.16	72.3
8.1	3.14	3.2	80.0
9.08	3.44	4.36	119.0
11.28	4.11	7.01	338.0
14.58	4.79	13.79	395.0
19.07	5.43	17.7	435.0

* **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.**
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