

# 101S LF

Class 125, Rising Stem, Solder, Gate Valve

## LEAD FREE



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

### 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

- Threaded Bonnet
- Solid Bronze Disc
- 200 CWP
- Max. Temp: 406°F
- Lead Free Option (NSF 61/NSF 372)

### STANDARDS

- MSS SP-80 Standard
- MSS SP-139 Lead Free Option (CWP only)
- ASTM B62 Bronze (ASTM B584-C89836 Lead Free)

### APPROVALS

- ARRA Compliant
- MSS SP-80 Design & Testing - Type 2
- MSS SP-139 - Copper Alloy Gate, Globe, & Check Valves
- ASME B16.18, - Cast Copper Alloy Solder Joint Pressure Fittings
- NSF/ANSI 372 Lead Free
- NSF/ANSI 61 Water Quality
- CRN OC14667.5

### STANDARD MATERIALS LIST

<b>BODY</b>	Bronze, ASTM B584-C89836
<b>BONNET</b>	Bronze, ASTM B584-C89836
<b>STEM</b>	ASTM B21 UNS C46400
<b>DISC WEDGE</b>	ASTM B584-C89836
<b>PACKING</b>	Grafoil® (Asbestos Free)
<b>HAND WHEEL</b>	Malleable Iron
<b>NAMEPLATE</b>	Aluminum

### PERFORMANCE RATING

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

### DIMENSIONS

PART NUMBER	NPS	LENGTH (IN.)	HEIGHT (IN.)	WEIGHT (LB.)
30LF-083-01	1/2	1.88	4.85	1.00
30LF-084-01	3/4	2.43	5.71	1.30
30LF-085-01	1	2.96	6.71	2.20
30LF-086-01	1 1/4	3.14	8.10	3.20
30LF-087-01	1 1/2	3.44	9.08	4.40
30LF-088-01	2	4.11	11.28	7.00
30LF-089-01	2 1/2	4.79	14.58	13.80
30LF-080-01	3	5.43	19.07	17.70

Length is measured from end to end.

Height is measured from centerline to top of wheel in full open position.

\*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.