

# 161S-LF Series

Class 125, Bronze Disc, Solder Swing Check

**LEAD FREE**

## SUBMITTAL SHEET

**"Apollo" Flow Controls**



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

### DESCRIPTION

The lead free\* Apollo® Model 161S-LF (61YLF Series) Swing Check provides a reliable, long lasting, "Made in the USA" alternative to globally sourced check valves for potable water service. These valves are cast, machined, assembled, and tested in South Carolina using proven ASTM quality materials. The Apollo® Swing Check may be installed in either horizontal or vertical orientation with upward flow.

### FEATURES

- Dezincification Resistant Bronze Construction
- Renewable Bronze Seat Disc
- 100% Factory tested per MSS SP-139
- Solder Connection
- **Cast, Machined and Assembled in the USA**
- ARRA Compliant

### APPROVALS

- MSS SP-80 Design & Tested
- MSS SP-139, "Copper Alloy Gate, Globe, & Check Valves"
- NSF/ANSI 372 Lead Free, 3rd Party Certified
- ASME B16.18, "Cast Copper Alloy Solder Joint Pressure Fittings"
- CSA B51 CRN 0C14667.5

### STANDARD MATERIALS LIST

Body	ASTM B584-C89836 Bronze
Cap	ASTM B584-C89836 Bronze
Hanger	304 Stainless Steel or ASTM B584 C89836 Bronze
Pin	304 Stainless Steel
Seat	C27451 Lead Free* Brass
Plug	ASTM B16 Brass

### PERFORMANCE RATING

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

### PRECAUTIONARY NOTE:

**Not recommended for applications which may induce pulsation or repetitive vibration. See Installation Manual for details.**

### DIMENSIONS

MODEL NUMBER	PART NUMBER	SIZE (IN.)	HEIGHT (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
161S12LF	61YLF-093-01	1/2"	1.65	2.53	.62	7.0
161S34LF	61YLF-094-01	3/4"	1.9	3.36	.91	12.0
161S1LF	61YLF-095-01	1"	2.26	4.07	1.7	28.6
161S114LF	61YLF-096-01	1-1/4"	2.99	5.28	3.2	39.0
161S112LF	61YLF-097-01	1-1/2"	2.99	5.28	2.7	56.0
161S2LF	61YLF-098-01	2"	3.74	6.50	4.9	152.0

*Warning: Do not use in reciprocating compressor service.*

\*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law III-380. ANSI 3rd party approved and listed.

Customer Service (704) 841-6000  
www.apolloflowcontrols.com

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