

163T-LF Series

Class 125, PTFE Seat, NPT 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 163T-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 PTFE Seat Disc
- 100% Factory tested per MSS SP-139
- NPT 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 B1.20.1, "Pipe Threads, General Purpose (Inch)"
- CSA B51 CRN 0C14667.

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 |
| Jam Nut | 304 Stainless Steel |
| Seat | PTFE |
| Plug | UNS 27450 Lead Free* 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) |
|--------------|--------------|------------|--------------|--------------|--------------|----------|
| 163T12LF | 61YLF-203-T1 | 1/2" | 1.65 | 2.48 | .73 | 7.0 |
| 163T34LF | 61YLF-204-T1 | 3/4" | 1.9 | 2.94 | 1.06 | 12.0 |
| 163T1LF | 61YLF-205-T1 | 1" | 2.26 | 3.57 | 1.7 | 28.6 |
| 163T114LF | 61YLF-206-T1 | 1-1/4" | 2.99 | 4.50 | 3.3 | 39.0 |
| 163T112LF | 61YLF-207-T1 | 1-1/2" | 2.99 | 4.50 | 3.1 | 56.0 |
| 163T2LF | 61YLF-208-T1 | 2" | 3.74 | 5.25 | 5.4 | 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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