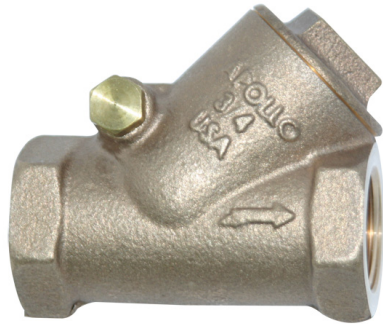


data sheet

61YLF series

163T

PTFE seat NPT swing check valve class 125 | lead-free



description

The lead-free 61YLF series swing check valve (163T) provides a reliable, long lasting, “made in the USA” alternative to globally sourced check valves for potable water service. May be installed in both horizontal and vertical flow with upward flow. These valves are cast, machined, assembled, and tested in South Carolina using proven ASTM quality materials.

*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.

- | | | |
|-------------------|--------------------|--|
| size range | connections | configurations |
| • ½” - 2” | • NPT | • 61Y series - bronze • 61YLF series - lead-free bronze |

approvals/compliance

- MSS SP-80 design and testing
- MSS SP-139 copper alloy gate, globe, & check valves
- NSF/ANSI/CAN 372 lead-free
- ASME B1.20.1, “pipe threads, general purpose (inch)”
- CSA B51 CRN 0C14667.5
- Buy American Act (BAA)
- Build America Buy America (BABA) Act

caution

- not recommended for applications which may induce pulsation or repetitive vibration (see installation manual for details)



this specification is provided for reference only. we reserve the right to change any portion of this specification without notice and without incurring obligation to make such changes to Aalberts integrated piping systems products previously or subsequently sold.

Aalberts integrated piping systems

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features

- lead-free ANSI 3rd party certified
- 100% factory tested per MSS SP-139/MSS SP-80
- NPT connection
- manufactured in the USA - BABA and BAA compliant

| component | material |
|-----------|--|
| body | lead-free bronze, ASTM B584, C89836 |
| cap | lead-free bronze, ASTM B584, C89836 |
| seat | PTFE |
| jam nut | 304 stainless steel |
| pin | 304 stainless steel |
| plug | UNS C27451 lead-free DZR brass |
| hanger | 304 stainless steel or lead-free bronze, ASTM B584, C89836 |

performance rating

| CWP (maximum) | SWP | temperature range |
|------------------------------|-----------------------------|-------------------|
| 200 psig (13.8 bar) at 100°F | 125 psig (8.6 bar) at 353°F | -20°F - 406°F |

dimensions

| part number | size | height | length | weight | Cv |
|--------------|------|--------|--------|----------|-------|
| 61YLF-203-T1 | ½” | 1.65” | 2.48” | 0.73 lbs | 7.00 |
| 61YLF-204-T1 | ¾” | 1.90” | 2.94” | 1.1 lbs | 12.0 |
| 61YLF-205-T1 | 1” | 2.26” | 3.57” | 1.7 lbs | 28.6 |
| 61YLF-206-T1 | 1¼” | 2.99” | 4.50” | 3.4 lbs | 39.0 |
| 61YLF-207-T1 | 1½” | 2.99” | 4.50” | 3.1 lbs | 56.0 |
| 61YLF-208-T1 | 2” | 3.74” | 5.25” | 5.4 lbs | 152.0 |

** warning: do not use in reciprocating compressor service

| | |
|-----------------|--|
| job name | |
| job location | |
| engineer | |
| contractor | |
| tag | |
| PO# | |
| rep | |
| wholesaler dist | |