

data sheet

61YLF series

163S

PTFE disc solder swing check valve
class 125 | lead-free



description

The lead-free 61YLF series swing check valve (163S) 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" | • solder | • 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 B16.18 cast copper solder joint fittings
- 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)



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Aalberts integrated piping systems

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features

- lead-free ANSI 3rd party certified
- fast, reliable, economical press installation
- renewable bronze seat disc
- 100% factory tested per MSS SP-139
- solder connection
- dezincification resistant bronze construction
- 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
pin	304 stainless steel
plug	ASTM B16 brass
hanger	304 stainless steel or lead-free bronze, ASTM B584, C89836

performance rating

CWP (maximum)	temperature range*
200 psig (13.8 bar) at 100°F	20°F - 406°F

*valves should be in open position to allow complete drainage during freezing conditions.

dimensions

part number	size	height	length	weight	Cv
61YLF-103-T1	½"	1.65"	2.53"	0.62 lbs	7.00
61YLF-104-T1	¾"	1.90"	3.36"	0.91 lbs	12.0
61YLF-105-T1	1"	2.26"	4.07"	1.7 lbs	28.6
61YLF-106-T1	1¼"	2.99"	5.28"	3.2 lbs	39.0
61YLF-107-T1	1½"	2.99"	5.28"	2.7 lbs	56.0
61YLF-108-T1	2"	3.74"	6.50"	4.9 lbs	152.0

** warning: do not use in reciprocating compressor service

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