

data sheet

# 61Y series

## 161S

bronze disc solder swing check valve class 125



### description

The 61Y series swing check valve (161S) provides a reliable, long lasting, "made in the USA" alternative to globally sourced check valves. These valves are cast, machined, assembled, and tested in South Carolina. May be installed in both horizontal and vertical flow with upward flow.

### size range

- ½" - 2 ½"

### connections

- solder

### configurations

- 61Y series - bronze
- 61YLF series - lead-free bronze

### approvals/compliance

- MSS SP-80 design and testing
- ASME B16.18 cast copper solder joint fittings
- CRN OC14667.5
- 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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[aalberts-ips.us](http://aalberts-ips.us)

### features

- renewable bronze seat disc
- solder connection
- optimum flow capacity
- factory tested to MSS SP-80
- manufactured in the USA - BABA and BAA compliant

component	material
body	ASTM B62 bronze
cap	ASTM B62 bronze
seat	ASTM B62 bronze
pin	304 stainless steel
plug	ASTM B16 brass
hanger	304 stainless steel

### performance rating

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

### dimensions

part number	size	height	length	weight	Cv
61Y-093-01	½"	1.65"	2.53"	0.62 lbs	7.00
61Y-094-01	¾"	1.90"	3.36"	0.91 lbs	12.0
61Y-095-01	1"	2.26"	4.07"	1.7 lbs	28.6
61Y-096-01	1 ¼"	2.99"	5.28"	3.2 lbs	39.0
61Y-097-01	1 ½"	2.99"	5.28"	2.7 lbs	56.0
61Y-098-01	2"	3.74"	6.50"	4.9 lbs	152.0
61Y-099-01	2 ½"	5.11"	8.30"	9.7 lbs	198.0

warning: do not use in reciprocating compressor service

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