



submittal
sheet

161S

class 125, bronze disc, solder swing check



job name:	
job location:	
engineer:	
contractor:	
tag:	
PO#:	
rep:	
wholesale dist.:	

description

The **Apollo® model 161S (61Y Series)** swing check 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. The Apollo® swing check can be installed in either horizontal or vertical line with upward flow.

features

- renewable bronze seat disc
- dezincification resistant bronze construction
- 100% factory tested per MSS
- solder connection
- made in the USA
- Buy American Act (BAA) and BABA Act compliant

performance rating

- cold working pressure: 200 psi (13.8 bar) at 100°F
- temperature range: -20°F to 406°F

approvals

- MSS SP-80, “bronze gate, globe & check valves”
- ASME B16.18, “cast copper alloy solder joint pressure fittings”
- CRN OC14667.5

precautionary note:
not recommended for applications which may induce pulsation or repetitive vibration. See Installation Manual for details.

standard material list

no.	component	material
1	body	ASTM B62 bronze
2	cap	ASTM B62 bronze
3	hanger	304 stainless steel
4	pin	304 stainless steel
5	seat	ASTM B62 bronze
6	plug	ASTM B16 brass

dimensions

part no.	size	weight	Cv(gpm)	dimensions	
				height	length
61Y-093-01	1/2"	.62 lbs	7.0	1.65"	2.53"
61Y-094-01	3/4"	.91 lbs	12.0	1.90"	3.36"
61Y-095-01	1"	1.7 lbs	28.6	2.26"	4.07"
61Y-096-01	1-1/4"	3.2 lbs	39.0	2.99"	5.28"
61Y-097-01	1-1/2"	2.7 lbs	56.0	2.99"	5.28"
61Y-098-01	2"	4.9 lbs	152.0	3.74"	6.50"
61Y-099-01	2-1/2"	9.7 lbs	198.0	5.11"	8.30"

warning: do not use in reciprocating compressor service