



Model 161S

CLASS 125 SWING CHECK

BRONZE DISC, SOLDER

(61Y SERIES)

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

Description

The Apollo Model 161S Swing Check provides a cost effective "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 both horizontal or vertical line with upward flow.

Features

- Renewable Seat Disc
- Metal Seat
- Dezincification Resistant
- 100% Factory tested
- Solder Connection
- 100% machined and assembled in USA



Standards

- MSS SP-80, "Bronze Gate, Globe & Check Valves",
- ASME B16.18, "Cast Copper Alloy Solder Joint Pressure Fittings
- MSS SP-104, "Wrought copper solder joint pressure fittings"

Performance Rating

Saturated Steam: 125 psi (8.6 Bar) to 353°F(178°C)
Cold Working Pressure: 200 psi (13.8 Bar) at 100°F
Temperature Range: -20°F to 406°F

Order Information

Size	Model	Item Number Solder
<input type="checkbox"/> 1/2"	161S	61Y-093-01
<input type="checkbox"/> 3/4"	161S	61Y-094-01
<input type="checkbox"/> 1"	161S	61Y-095-01
<input type="checkbox"/> 1-1/4"	161S	61Y-096-01
<input type="checkbox"/> 1-1/2"	161S	61Y-097-01
<input type="checkbox"/> 2"	161S	61Y-098-01
<input type="checkbox"/> 2-1/2"	161S	61Y-099-01
<input type="checkbox"/> 3"	161S	61Y-090-01

Material Specifications

Part Name	Material
Body	ASTM B62 Bronze
Cap	ASTM B62 Bronze
Hanger	Stainless Steel
Pin	Stainless Steel
Seat	ASTM B62 Bronze
Plug	Brass

Dimensions

Size	Height (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
1/2"	1.65	2.53	.62	7.0
3/4"	1.9	3.36	.91	12.0
1"	2.26	4.07	1.7	28.6
1-1/4"	2.99	5.28	3.2	39.0
1-1/2"	2.99	5.28	2.7	56.0
2"	3.74	6.50	4.9	152.0
2-1/2"	5.11	8.30	9.7	198.0
3"	6.05	9.58	15.0	242.0



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