



Model 163S

CLASS 125 SWING CHECK

PTFE DISC, SOLDER

(61Y SERIES)

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

Description

The Apollo Model 163S (61Y Series) 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 either horizontally or in vertical lines with upward flow.

Features

- Renewable PTFE Seat Disc
- Solder Connections
- Dezincification Resistant Bronze Construction
- 100% Factory tested per MSS
- Cast, Machined and Assembled in the USA
- ARRA Compliant

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"
CSA B51 Canadian Registration Number 0C14667.5

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

Ordering Information

Size	Model	Item Number Solder
<input type="checkbox"/> 1/2"	163S12	61Y-103-T1
<input type="checkbox"/> 3/4"	163S34	61Y-104-T1
<input type="checkbox"/> 1"	163S1	61Y-105-T1
<input type="checkbox"/> 1-1/4"	163S114	61Y-106-T1
<input type="checkbox"/> 1-1/2"	163S112	61Y-107-T1
<input type="checkbox"/> 2"	163S2	61Y-108-T1



Material Specifications

Part Name	Material
Body	ASTM B62 Bronze
Cap	ASTM B62 Bronze
Hanger	304 Stainless Steel
Pin	304 Stainless Steel
Seat	PTFE
Plug	ASTM B16 Brass

Dimensions

Size	Height (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
1/2"	1.65	2.53	.62	7.0
3/4"	1.90	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

Warning: Do not use in reciprocating compressor service.



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