

"Apollo" Valves

# SUBMITTAL SHEET

## 163S Series

Class 125, PTFE Disc, Solder **Swing Check**



<b>Job Name:</b>	
<b>Job Location:</b>	
<b>Engineer:</b>	
<b>Contractor:</b>	
<b>Tag:</b>	
<b>PO Number:</b>	
<b>Representative:</b>	
<b>Wholesale Distributor:</b>	



### 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 in either horizontal or vertical line with upward flow.

### FEATURES

- Renewable PTFE Seat Disc
- Dezincification Resistant
- 100% Factory tested per MSS
- Solder Connection
- **100% Cast, Machined and Assembled in the US**
- 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"
- 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
- \* Valves should be in open position to allow complete drainage during freezing conditions.*

### STANDARD MATERIALS LIST

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

### ORDER INFORMATION

Model Number	Part Number	Size (in.)
163S12	61Y-103-T1	1/2"
163S34	61Y-104-T1	3/4"
163S1	61Y-105-T1	1"
163S114	61Y-106-T1	1-1/4"
163S112	61Y-107-T1	1-1/2"
163S2	61Y-108-T1	2"

### DIMENSIONS

Height (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
1.65	2.53	.62	7.0
1.9	3.36	.91	12.0
2.26	4.07	1.7	28.6
2.99	5.28	3.2	39.0
2.99	5.28	2.7	56.0
3.74	6.50	4.9	152.0

*Warning: Do not use in reciprocating compressor service.*

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**  
 701 Matthews Mint-Hill Road, Matthews, NC 28105 USA  
[www.apollovalves.com](http://www.apollovalves.com) | (704) 841-6000

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