

# 161S

Class 125, Bronze Disc, Solder Swing Check

## SUBMITTAL SHEET

"Apollo" Flow Controls



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

### DESCRIPTION

The Apollo® Model 161S (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 Bronze Seat Disc
- Dezincification Resistant
- 100% Factory tested per MSS
- Solder Connection
- **100% Cast, Machined and Assembled in the US**
- **ARRA 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"
- MSS SP-104, "Wrought Copper Solder Joint Pressure Fittings"
- Canadian Registration Number 0C14667.5

### STANDARD MATERIALS LIST

Body	ASTM B62 Bronze
Cap	ASTM B62 Bronze
Hanger	304 Stainless Steel
Pin	304 Stainless Steel
Seat	ASTM B62 Bronze
Plug	ASTM B16 Brass

### PRECAUTIONARY NOTE:

***Not recommended for applications which may induce pulsation or repetitive vibration. See Installation Manual for details.***

### DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
161S12	61Y-093-01	1/2"	1.65	2.53	.62	7.0
161S34	61Y-094-01	3/4"	1.9	3.36	.91	12.0
161S1	61Y-095-01	1"	2.26	4.07	1.7	28.6
161S114	61Y-096-01	1-1/4"	2.99	5.28	3.2	39.0
161S112	61Y-097-01	1-1/2"	2.99	5.28	2.7	56.0
161S2	61Y-098-01	2"	3.74	6.50	4.9	152.0
161S212	61Y-099-01	2-1/2"	5.11	8.30	9.7	198.0
161S3	61Y-090-01	3"	6.05	9.58	15.0	242.0

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