

161T

Class 125, Bronze Disc, NPT Swing Check

SUBMITTAL SHEET

"Apollo" Flow Controls



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

DESCRIPTION

The Apollo® Model 161T (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
- NPT Connection
- **100% Cast, Machined and Assembled in the US**
- **ARRA Compliant**

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

APPROVALS

- MSS SP-80, "Bronze Gate, Globe & Check Valves"
- ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
- Canadian Registration Number OC14667.5

PRECAUTIONARY NOTE:

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

STANDARD MATERIALS LIST

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

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
161T14	61Y-191-01	1/4"	1.51	2.14	.64	2.6
161T38	61Y-192-01	3/8"	1.51	2.14	.62	4.5
161T12	61Y-193-01	1/2"	1.65	2.48	.73	7.0
161T34	61Y-194-01	3/4"	1.9	2.94	1.1	12.0
161T1	61Y-195-01	1"	2.26	3.57	1.7	28.6
161T114	61Y-196-01	1-1/4"	2.99	4.50	3.4	39.0
161T112	61Y-197-01	1-1/2"	2.99	4.50	3.1	56.0
161T2	61Y-198-01	2"	3.74	5.25	5.5	152.0
161T212	61Y-199-01	2-1/2"	5.11	8.00	11.7	198.0
161T3	61Y-190-01	3"	6.05	9.24	17.8	242.0

Warning: Do not use in reciprocating compressor service.