

168T

Class 300, Bronze Seat, NPT Swing Check

SUBMITTAL SHEET

"Apollo" Flow Controls



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

DESCRIPTION

The Apollo® Model 168T (61Y-75x 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. Apollo swing checks are ideal for steam and liquid service and can reliably be installed in most plumbing and heating systems including building service piping and OEM applications. Apollo® Swing Checks can be installed in either horizontal or vertical lines with upward flow.

FEATURES

- Renewable Bronze Seat Disc
- NPT Connection
- Dezincification Resistant Bronze Construction
- Optimum Flow Capacity
- Factory Tested to MSS SP-80
- 100% Cast, Machined and Assembled in the US
- ARRA Compliant

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 B61 Bronze
Cap	ASTM B61 Bronze
Hanger	304 Stainless Steel
Pin	304 Stainless Steel
Seat	ASTM B61 Bronze
Plug	ASTM B16 Brass

PERFORMANCE RATING

- Saturated Steam: 300 psi (20.7 Bar)
- Cold Working Pressure: 600 psi @100°F (41.4 Bar @ 38°C)
- Temperature Range: -20°F to 422°F (-29°C to 216°C)

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
168T12	61Y-753-01	1/2"	1.65	2.5	.75	7.0
168T34	61Y-754-01	3/4"	1.9	2.95	1.2	12.0
168T1	61Y-755-01	1"	2.27	3.57	1.8	28.6
168T114	61Y-756-01	1-1/4"	3.0	4.5	3.5	39.0
168T112	61Y-757-01	1-1/2"	3.0	4.5	3.2	56.0
168T2	61Y-758-01	2"	3.75	5.25	5.6	152.0

Warning: Do not use in reciprocating compressor service.