



Model 168T

CLASS 300 BRONZE SWING CHECK

BRONZE SEAT, NPT

(61Y-75x SERIES)



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

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 both 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 USA
- ARRA Compliant

Standards

MSS SP-80, "Bronze Gate, Globe & Check Valves"
ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
Canadian Registration Number 0C14667.5

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)



Material Specifications

Part Name	Material
Body	ASTM B61 Bronze
Cap	ASTM B61 Bronze
Hanger	304 Stainless Steel
Pin	304 Stainless Steel
Seat	ASTM B61 Bronze
Plug	ASTM B16 Brass

Ordering Information

Size	Model	Item Number
□ ½"	168T12	61Y-753-01
□ ¾"	168T34	61Y-754-01
□ 1"	168T1	61Y-755-01
□ 1-1/4"	168T114	61Y-756-01
□ 1-1/2"	168T112	61Y-757-01
□ 2"	168T2	61Y-758-01

Physical Specifications

Size	Height (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
½"	1.65	2.5	.75	7.0
¾"	1.9	2.95	1.2	12.0
1"	2.27	3.57	1.8	28.6
1-1/4"	3.0	4.5	3.5	39.0
1-1/2"	3.0	4.5	3.2	56.0
2"	3.75	5.25	5.6	152.0

Warning: Do not use in reciprocating compressor service.



Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28105 USA ; www.apollovalves.com ; 704-841-6000

Conbraco Industries can accept no responsibility for possible errors in this document and reserves the right to alter its product design or construction without notice and without incurring any obligation to make such changes on Conbraco products previously or subsequently sold. All product specifications are approximate and are provided for reference only.