

# 'Apollo' Valves

# SUBMITTAL SHEET

## 111T Series

Class 300, Rising Stem, NPT Gate Valve



<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 111T Bronze Gate Valve provides a cost effective "made in the USA" alternative to globally sourced multi-turn valves. These valves are cast, machined, assembled, and tested in South Carolina. The Apollo Gate Valve is ideal for steam and liquid service and can reliably be installed in most plumbing and heating systems including building service piping and OEM applications.

### FEATURES

- Guided Solid Bronze Disc
- Adjustable Graphite Stem Packing
- NPT Connection
- Rising Stem
- Union Bonnet
- Dezincification Resistant Bronze Construction
- Rugged Malleable Iron Hand Wheel
- Factory tested to MSS SP-80
- **100% Cast, Machined and Assembled in the USA**
- ARRA Compliant

### STANDARDS

- MSS SP-80, "Bronze Gate, Globe, Angle & 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: 1000 psi @100°F (68.9 Bar @ 38°C)
  - Temperature Range\*: -20°F to 422°F (-29°C to 216°C)
- \* Valves should be in open position to allow complete drainage during freezing conditions.*

### STANDARD MATERIALS LIST

Part Name	Material
Body	ASTM B61 Bronze
Bonnet	ASTM B61 Bronze
Stem	ASTM B371 Bronze
Union Nut	ASTM B61 Bronze
Disc	ASTM B61 Bronze
Packing	Grafoil®
Packing Nut	ASTM B16 Brass
Hand Wheel	Malleable Iron
Nameplate	Aluminum

### ORDER INFORMATION

Model Number	Part Number	Size (in.)
111T12	30-443-01	1/2"
111T34	30-444-01	3/4"
111T1	30-445-01	1"
111T114	30-446-01	1-1/4"
111T112	30-447-01	1-1/2"
111T2	30-448-01	2"

### DIMENSIONS

Height open (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
4.97	2.31	1.4	12.5
6.22	2.56	2.3	24.0
6.94	2.89	3.5	72.3
8.29	3.01	5.1	80
9.28	3.05	6.8	119
11.37	3.08	9.6	338

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

This specification is provided for reference only. Conbraco Industries Inc. reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold. Please visit our website @ [www.apollovalves.com](http://www.apollovalves.com) for the most current information.

