



# Model 116T

## CLASS 300 BRONZE GATE VALVE

### RISING STEM, NPT, STAINLESS STEEL SEATS

(30-45x SERIES)

<b>Job Name:</b>	<b>Contractor:</b>
<b>Job Location:</b>	<b>P.O. Number:</b>
<b>Engineer:</b>	<b>Representative:</b>
<b>Tag:</b>	<b>Wholesale Distributor:</b>

### Description

The Apollo Model 116T Bronze Gate Valve with solid wedge disc and Stainless Steel seats provides a cost effective “made in the USA” alternative to globally sourced multi-turn valves. These heavy duty 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

- Stainless Steel Body Seats
- Adjustable Graphite Stem Packing
- Union Bonnet
- Rising Stem
- NPT Connections
- Dezincification Resistant Bronze Construction
- Rugged Malleable Iron Hand Wheel
- 100% Factory tested to MSS SP-80
- 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)

### Material Specifications

Part Name	Material
Body	ASTM B61 Bronze
Bonnet	ASTM B61 Bronze
Stem	ASTM B371 Bronze
Union Nut	ASTM B61 Bronze
Seats	316 SS
Disc	ASTM B61 Bronze
Packing	Grafoil®
Packing Nut	ASTM B16 Brass
Hand Wheel	Malleable Iron
Nameplate	Aluminum



### Dimensions

Size	Height (open) (in.)	Length (in.)	Weight (Lbs)	Cv (gpm)
1/2"	4.97	2.31	1.4	12.5
3/4"	6.22	2.56	2.3	24.0
1"	6.94	2.89	3.5	72.3
1-1/4"	8.29	3.01	5.1	80
1-1/2"	9.28	3.05	6.8	119
2"	11.37	3.08	9.6	338

### Ordering Information

Size	Model	Item Number
<input type="checkbox"/> 1/2"	116T12	30-453-01
<input type="checkbox"/> 3/4"	116T34	30-454-01
<input type="checkbox"/> 1"	116T1	30-455-01
<input type="checkbox"/> 1-1/4"	116T114	30-456-01
<input type="checkbox"/> 1-1/2"	116T112	30-457-01
<input type="checkbox"/> 2"	116T2	30-458-01



Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28105 USA ; [www.apollovalves.com](http://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.