

'Apollo' Valves

SUBMITTAL SHEET

102T Series

Class 125, Non Rising Stem, NPT Gate Valve



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	
Wholesale Distributor:	



DESCRIPTION

The Apollo Model 102T (30 Series) 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 can reliably be installed in most plumbing and heating systems (or building service piping).

FEATURES

- Full Port
- Guided Solid Bronze Disc
- Adjustable Graphite Stem Packing
- Non-Rising Stem
- Dezincification Resistant
- All Bronze Construction
- 100% Factory tested per MSS
- NPT Connection
- Screw-in Bonnet
- Malleable Iron Rugged Hand Wheel
- Back seat protection
- **100% Cast, Machined and Assembled in the US**
- 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: 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
- * Valves should be in open position to allow complete drainage during freezing conditions.

STANDARD MATERIALS LIST

Part Name	Material
Body	ASTM B62 Bronze
Bonnet	ASTM B62 Bronze
Stem	ASTM B21 UNS C46400
Disc	ASTM B62 Bronze
Packing	Grafoil®
Packing Nut	ASTM B16 Brass
Hand Wheel	Malleable Iron
Nameplate	Aluminum

ORDER INFORMATION

Model Number	Part Number	Size (in.)
102T14	30-031-01	1/4"
102T38	30-032-01	3/8"
102T12	30-033-01	1/2"
102T34	30-034-01	3/4"
102T1	30-035-01	1"
102T114	30-036-01	1-1/4"
102T112	30-037-01	1-1/2"
102T2	30-038-01	2"
102T212	30-039-01	2-1/2"
102T3	30-030-01	3"

DIMENSIONS

Height open (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
3.29	1.76	.74	3.0
3.29	1.76	.71	6.0
3.56	2.03	.85	12.5
4.05	2.07	1.19	24.0
4.55	2.45	1.98	72.3
5.14	2.63	2.8	80.0
6.02	2.88	3.95	119.0
7.09	3.06	5.88	338.0
9.11	4.13	12.19	395.0
12.61	4.48	16.84	435.0

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**
 701 Matthews Mint-Hill Road, Matthews, NC 28105 USA
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 for the most current information.

