

# 103T

Class 125, Rising Stem,  
Union Bonnet, NPT, Gate Valve

## SUBMITTAL SHEET

"Apollo" Flow Controls



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

### DESCRIPTION

The Apollo® Model 103T (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 is ideal for use in a wide variety of plumbing and heating applications including building service piping systems.

### FEATURES

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

### 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.

### APPROVALS

- MSS SP-80 - Bronze Gate, Globe, Angle & Check Valves - Type 2
- ASME B1.20.1 - Pipe Threads, General Purpose (Inch)
- Canadian Registration Number OC14667.5

### STANDARD MATERIALS LIST

<b>BODY</b>	Bronze, ASTM B62
<b>BONNET</b>	Bronze, ASTM B62
<b>STEM</b>	ASTM B21 UNS C46400
<b>UNION NUT</b>	Bronze, ASTM B371/B62
<b>DISC WEDGE</b>	Bronze, ASTM B62
<b>PACKING</b>	Grafoil® (Asbestos Free)
<b>PACKING NUT</b>	Brass, ASTM B16
<b>HAND WHEEL</b>	Malleable Iron
<b>NAMEPLATE</b>	Aluminum

### DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
103T14	30-051-01	1/4"	4.57	1.76	.90	3.0
103T38	30-052-01	3/8"	4.51	1.76	.87	6.0
103T12	30-053-01	1/2"	4.85	2.03	1.07	12.5
103T34	30-054-01	3/4"	5.71	2.07	1.43	24.0
103T1	30-055-01	1"	6.71	2.45	2.44	72.3
103T114	30-056-01	1-1/4"	8.10	2.63	3.70	80.0
103T112	30-057-01	1-1/2"	9.08	2.88	4.95	119.0
103T2	30-058-01	2"	11.28	3.06	7.53	338.0
103T212	30-059-01	2-1/2"	14.58	4.96	15.33	395.0
103T3	30-050-01	3"	19.07	4.48	19.56	435.0