

107T

Class 150, Rising Stem, NPT, Gate Valve

SUBMITTAL SHEET

"Apollo" Flow Controls



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

DESCRIPTION

The Apollo® Model 107T (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
- NPT Connection
- Union Bonnet
- Malleable Iron Rugged Hand Wheel
- **100% Cast, Machined and Assembled in the USA**
- **ARRA Compliant**

PERFORMANCE RATING

- Saturated Steam: 150 psi (10.3 Bar) to 366°F(185°C)
 - Cold Working Pressure: 300 psi (20.7 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

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

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
107T14	30-201-01	1/4"	4.57	1.76	.90	3.0
107T38	30-202-01	3/8"	4.51	1.76	.87	6.0
107T12	30-203-01	1/2"	4.85	2.03	1.07	12.5
107T34	30-204-01	3/4"	5.71	2.07	1.43	24.0
107T1	30-205-01	1"	6.71	2.45	2.44	72.3
107T114	30-206-01	1-1/4"	8.10	2.63	3.70	80.0
107T112	30-207-01	1-1/2"	9.13	2.88	4.95	119.0
107T2	30-208-01	2"	11.28	3.06	7.53	338.0
107T212	30-209-01	2-1/2"	14.58	4.13	15.33	395.0
107T3	30-200-01	3"	16.90	4.48	19.56	435.0