

111T

Class 300, 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 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 Wedge
- 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**

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)
- *alves 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 B61
BONNET	Bronze, ASTM B61
STEM	ASTM B21 UNS C46400
UNION NUT	Bronze, ASTM B61
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)
111T12	30-443-01	1/2"	4.97	2.31	1.4	12.5
111T34	30-444-01	3/4"	6.22	2.56	2.3	24.0
111T1	30-445-01	1"	6.94	2.89	3.5	72.3
111T114	30-446-01	1-1/4"	8.29	3.01	5.1	80
111T112	30-447-01	1-1/2"	9.28	3.05	6.8	119
111T2	30-448-01	2"	11.37	3.08	9.6	338