

101T

Class 125, 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 101T (30 Series) Class 125 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

- Full Port
- NPT Connection
- Rising Stem
- Screw-in Bonnet
- Dezincification Resistant Bronze Construction
- Guided Solid Bronze Disc Wedge
- Back seat protection
- Adjustable Graphite Stem Packing
- Rugged Malleable Iron Hand Wheel
- 100% Factory tested
- **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

APPROVALS

- MSS SP-80 - Bronze Gate, Globe, Angle & Check Valves - Type 2
- ASME B1.20.1 - Pipe Threads, General Purpose (Inch)
- CSA B51 CRN 0C14667.5

STANDARD MATERIALS LIST

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

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
101T14	30-001-01	1/4"	4.57	1.76	.80	3.0
101T38	30-002-01	3/8"	4.51	1.76	.77	6.0
101T12	30-003-01	1/2"	4.85	2.03	1.0	12.5
101T34	30-004-01	3/4"	5.71	2.07	1.30	24.0
101T1	30-005-01	1"	6.71	2.45	2.16	72.3
101T114	30-006-01	1-1/4"	8.1	2.63	3.2	80.0
101T112	30-007-01	1-1/2"	9.08	2.88	4.36	119.0
101T2	30-008-01	2"	11.28	3.06	7.01	338.0
101T212	30-009-01	2-1/2"	14.58	4.13	13.79	395.0
101T3	30-000-01	3"	19.07	4.48	17.7	435.0