

121T

Class 125, Bronze Seat, NPT Globe Valve

SUBMITTAL SHEET

"Apollo" Flow Controls



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

DESCRIPTION

The lead free* Apollo® Model 121T (33 Series) Globe 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® Globe valve can reliably be installed in most plumbing and heating systems (or building service piping).

FEATURES

- Optimum Flow Capacity
- Adjustable Graphite Stem Packing
- Dezincification Resistant
- All Bronze Construction
- 100% Factory tested
- NPT Connection
- Screw-in Bonnet
- Malleable Iron Rugged Hand Wheel
- Back seat protection
- **100% Machined and Assembled in USA**

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"
- ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
- MSS SP-104, "Wrought Copper Solder Joint Pressure Fittings"

STANDARD MATERIALS LIST

Body	ASTM B62 Bronze
Bonnet	ASTM B62 Bronze
Stem	ASTM B21 UNS C46400
Disc	ASTM B371 / B505
Packing	Grafoil®
Hand Wheel	Malleable Iron
Nameplate	Aluminum

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
121T14	33-161-01	1/4"	3.46	2.39	1.0	1.4
121T38	33-162-01	3/8"	3.46	2.39	1.0	2.6
121T12	33-163-01	1/2"	3.56	2.70	1.1	4.4
121T34	33-164-01	3/4"	4.75	3.20	1.9	7.4
121T1	33-165-01	1"	5.40	3.75	3.0	12.1
121T114	33-166-01	1-1/4"	7.78	4.74	7.3	29.0
121T112	33-167-01	1-1/2"	7.78	4.74	7.0	30.0
121T2	33-168-01	2"	8.43	5.72	11.0	49.0