116T

Class 300, Rising Stem, NPT,
Stainless Steel Seats, Bronze Gate Valve

SUBMITTAL SHEET

"Apollo" Valves

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

DESCRIPTION

The **Apollo® Model 116T (30 Series) Gate Valve** with solid wedge disc and Stainless Steel seats provides a cost effective "made in the USA" alternative to globally sourced multi-turn valves. These heavy duty 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
- Stainless Steel Body Seats
- Adjustable Graphite Stem Packing
- Union Bonnet
- Rising Stem
- NPT Connections
- Dezincification Resistant Bronze Construction
- Rugged Malleable Iron Hand Wheel
- 100% 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)

** 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 0C14667.5

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 B61
SEATS	316 SS
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 (lbs)	Cv (gpm)
116T12	**30-453-01**	1/2"	4.97	2.31	1.4	12.5
116T34	**30-454-01**	3/4"	6.22	2.56	2.3	24.0
116T1	**30-455-01**	1"	6.94	2.89	3.5	72.3
116T114	**30-456-01**	1-1/4"	8.29	3.01	5.1	80
116T112	**30-457-01**	1-1/2"	9.28	3.05	6.8	119
116T2	**30-458-01**	2"	11.37	3.08	9.6	338