



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

### DESCRIPTION

The Apollo® Model 106T (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
- Non Rising Stem
- Dezincification Resistant
- All Bronze Construction
- 100% Factory Tested
- NPT Connection
- 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 1
- ASME B1.20.1 - Pipe Threads, General Purpose (Inch)
- CRN OC14667.5

### STANDARD MATERIALS LIST

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

### DIMENSIONS

| MODEL NO. | PART NO.  | SIZE (IN.) | HEIGHT OPEN (IN.) | LENGTH (IN.) | WEIGHT (LB.) | CV (GPM) |
|-----------|-----------|------------|-------------------|--------------|--------------|----------|
| 106T14    | 30-281-01 | 1/4"       | 3.29              | 1.76         | .74          | 3.0      |
| 106T38    | 30-282-01 | 3/8"       | 3.29              | 1.76         | .71          | 6.0      |
| 106T12    | 30-283-01 | 1/2"       | 3.56              | 2.03         | .98          | 12.5     |
| 106T34    | 30-284-01 | 3/4"       | 4.05              | 2.07         | 1.21         | 24.0     |
| 106T1     | 30-285-01 | 1"         | 4.55              | 2.45         | 1.98         | 72.3     |
| 106T114   | 30-286-01 | 1-1/4"     | 5.14              | 2.63         | 2.8          | 80.0     |
| 106T112   | 30-287-01 | 1-1/2"     | 6.02              | 2.88         | 4.06         | 119.0    |
| 106T2     | 30-288-01 | 2"         | 7.09              | 3.06         | 5.88         | 338.0    |
| 106T212   | 30-289-01 | 2-1/2"     | 9.11              | 4.13         | 12.19        | 395.0    |
| 106T3     | 30-280-01 | 3"         | 12.61             | 4.48         | 16.90        | 435.0    |