



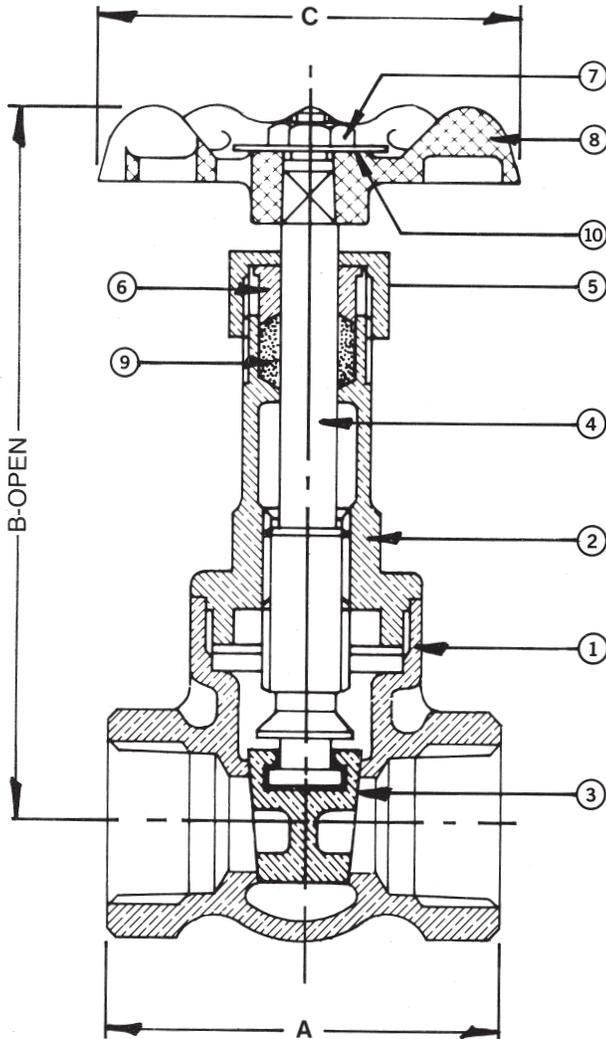
# UP148\* 1/4"-2"



WQA tested and Certified against NSF/ANSI 372 for "lead free" compliance.

**Bronze Gate Valve For Potable Water  
Solid Wedge Disc • Rising Stem  
Threaded Ends, Threaded Bonnet  
300 WOG†  
Gland Packed**

**Dimensions and Workmanship Conform to MSS SP-80**



| DIMENSIONS - INCHES / MILLIMETERS |       |       |        |       |                |
|-----------------------------------|-------|-------|--------|-------|----------------|
| Units                             | Size  | A     | B      | C     | C <sub>v</sub> |
| Inches                            | 1/4   | 1.75  | 4.38   | 2.00  | 5.6            |
| mm                                | 6.35  | 44.45 | 111.13 | 5.80  |                |
| Inches                            | 3/8   | 1.81  | 4.38   | 2.00  | 10.7           |
| mm                                | 9.53  | 46.05 | 111.13 | 5.80  |                |
| Inches                            | 1/2   | 2.00  | 4.38   | 2.00  | 17.6           |
| mm                                | 12.70 | 50.80 | 111.13 | 5.80  |                |
| Inches                            | 3/4   | 2.13  | 5.84   | 2.50  | 32.0           |
| mm                                | 19.05 | 53.98 | 148.44 | 63.50 |                |
| Inches                            | 1     | 2.56  | 7.06   | 2.75  | 54.0           |
| mm                                | 25.40 | 65.10 | 179.40 | 69.85 |                |
| Inches                            | 1 1/4 | 2.78  | 8.78   | 3.13  | 97.0           |
| mm                                | 31.75 | 70.64 | 223.04 | 79.38 |                |
| Inches                            | 1 1/2 | 2.81  | 9.50   | 3.50  | 135.0          |
| mm                                | 38.10 | 71.45 | 241.30 | 88.90 |                |
| Inches                            | 2     | 3.31  | 11.50  | 3.75  | 230.0          |
| mm                                | 50.80 | 84.15 | 292.10 | 95.25 |                |

† Non-Shock

### MATERIAL LIST

| NO. | PART               | MATERIAL   | SPECIFICATION        |
|-----|--------------------|------------|----------------------|
| 1   | Body               | Bronze     | ASTM B584 C89833     |
| 2   | Bonnet             | Bronze     | ASTM B584 C89833     |
| 3   | Wedge              | Bronze     | ASTM B584 C89833     |
| 4   | Stem               | Bronze     | ASTM B21 C46400, H02 |
| 5   | Stuff Nut          | Brass      | ASTM B283 C27450     |
| 6   | Gland <sup>1</sup> | Brass      | ASTM B283 C27450     |
| 7   | Wheel Nut          | Brass      | Commercial           |
| 8   | Handwheel          | Mall. Iron | Commercial           |
| 9   | Packing            | Graphite   | Commercial           |
| 10  | Name Plate         | Sh. Alum   | Commercial           |

<sup>1</sup> Not Used of 1/2" and Smaller

\*Same design as Hammond UP640

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**Note:** Lead free refers to the wetted surface of the pipe, fittings and fixtures in potable water systems that have a weighted average lead content  $\leq 0.25\%$ . Source: California Health and Safety Code (116875).

The information presented on this sheet is correct at the time of publication. Milwaukee Valve reserves the right to change design, and/or material specifications without notice. For the Installation, Operation and Maintenance Manual (IOM) see the Technical/Service Information section on our website. For the most current information access [www.milwaukeevalve.com](http://www.milwaukeevalve.com)

