

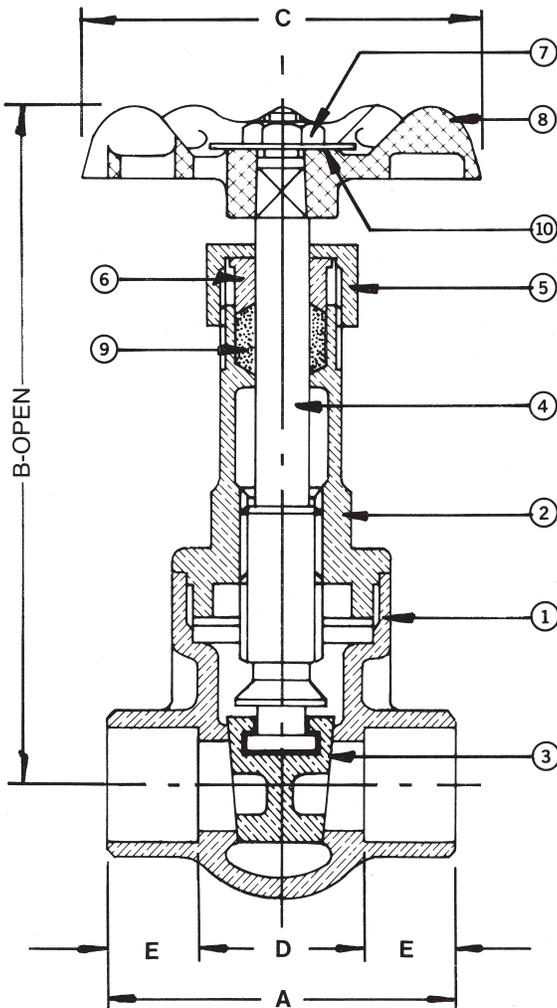
UP149* 3/8"-2"



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

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

Dimensions and Workmanship Conform to MSS SP-80



| DIMENSIONS - INCHES / MILLIMETERS | | | | | | | |
|-----------------------------------|-------|-------|-------|------|------|------|----------------|
| Units | Size | A | B | C | D | E | C _v |
| Inches | 3/8 | 1.63 | 4.31 | 2.00 | 0.88 | 0.38 | 5.6 |
| mm | 9.5 | 41.3 | 109.6 | 50.8 | 22.3 | 9.5 | |
| Inches | 1/2 | 1.88 | 4.31 | 2.00 | 0.88 | 0.50 | 10.7 |
| mm | 12.7 | 47.6 | 109.6 | 50.8 | 22.3 | 12.7 | |
| Inches | 3/4 | 2.50 | 6.25 | 2.50 | 1.00 | 0.75 | 17.6 |
| mm | 19.1 | 63.5 | 158.8 | 63.5 | 25.4 | 19.1 | |
| Inches | 1 | 3.00 | 7.00 | 2.75 | 1.19 | 0.91 | 32.0 |
| mm | 25.4 | 76.2 | 177.8 | 69.9 | 30.2 | 23.0 | |
| Inches | 1 1/4 | 3.25 | 8.63 | 3.13 | 1.31 | 0.97 | 54.0 |
| mm | 31.8 | 82.6 | 219.1 | 79.4 | 33.4 | 24.6 | |
| Inches | 1 1/2 | 3.63 | 9.50 | 3.50 | 1.44 | 1.09 | 97.0 |
| mm | 38.1 | 92.1 | 241.3 | 88.9 | 36.5 | 27.8 | |
| Inches | 2 | 4.31 | 11.50 | 3.75 | 1.63 | 1.34 | 135.0 |
| mm | 50.8 | 109.6 | 292.1 | 95.3 | 41.3 | 34.1 | |

† 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 ¹ | Brass | ASTM B283 C27450 |
| 7 | Wheel Nut | Brass | Commercial |
| 8 | Handwheel | Mall. Iron | Commercial |
| 9 | Packing | Graphite | Commercial |
| 10 | Name Plate | Sh. Alum | Commercial |

¹ Not Used of 1/2" and Smaller

*Same design as Hammond UP635

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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 ≤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

