Ultra Pure™ ULTRAPRESS
A MILWAUKEE VALVE PRODUCT

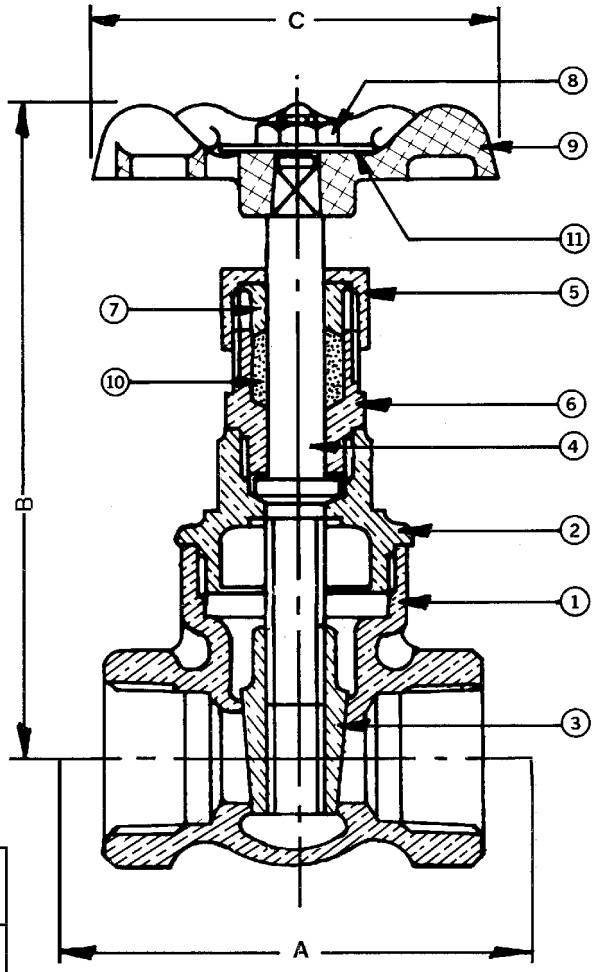
# UP105 P2* ½"-2"

**Bronze Gate Valve for Potable Water**
**200 psig @ 250°F †**
**Solid Wedge Disc • Non-Rising Stem**
**Threaded Bonnet • Press Ends**
**Dimensions and Workmanship Conform to MSS SP-80**

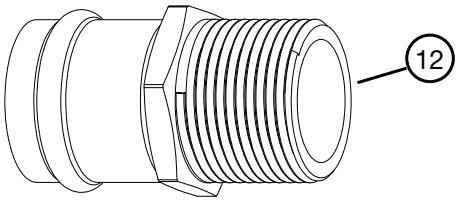
## MATERIALS LIST

| ITEM | PART | MATERIALS | ASTM SPEC. |
|---|---|---|---|
| 1 | Body | Bronze | B584 C89833 |
| 2 | Bonnet | Bronze | B584 C89833 |
| 3 | Wedge | Bronze | B584 C89833 |
| 4 | Stem | Brass | B21 C46400, H02 |
| 5 | Stuff Nut | Brass | B283 C37700 |
| 6 | Check Nut | Brass | B283 C27450 |
| 7 | Gland[1] | Brass | B283 C37700 |
| 8 | Wheel Nut | Brass | Commercial |
| 9 | Handwheel | Mall. Iron | Commercial |
| 10 | Packing | Graphite | Commercial |
| 11 | Name Plate | Sh. Alum | Commercial |
| 12 | Press Adapters | Brass Fitting w/ EPDM O-Ring | ASTM C27450 |

1 Not used on 1/2"




With Press Ends




Press End Adapter (4151 Series)

## DIMENSIONS

| Units | Size | STD INSERTION DEPTH | A | B | C | Cv |
|---|---|---|---|---|---|---|
| INCHES | 1/2 | .87 | 5.00 | 3.63 | 2.00 | 17.6 |
| mm | | 22 | 127 | 92 | 51 | |
| INCHES | 3/4 | .98 | 5.71 | 4.38 | 2.50 | 32.0 |
| mm | | 166 | 145 | 111 | 64 | |
| INCHES | 1 | .98 | 6.56 | 5.00 | 2.75 | 54.0 |
| mm | | 166 | 167 | 127 | 70 | |
| INCHES | 1 1/4 | 1.02 | 6.85 | 5.31 | 3.13 | 97.0 |
| mm | | 26 | 174 | 135 | 79 | |
| INCHES | 1 1/2 | 1.42 | 7.29 | 6.34 | 3.50 | 135.0 |
| mm | | 36 | 185 | 161 | 89 | |
| INCHES | 2 | 1.58 | 9.31 | 7.44 | 3.75 | 230.0 |
| mm | | 40 | 237 | 189 | 95 | |

† Non-Shock

*Both the valve and 4151 series press end adapters are approved by IAPMO to NSF / ANSI 372 for "lead free" compliance.

**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).

Accurate as of 5/25/17. For the most current information access www.milwaukeevalve.com