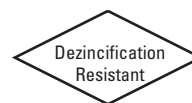


# Class 300 Bronze Globe Valves

Union Bonnet • Replaceable Seat and Full Plug Disc



**300 PSI/20.7 Bar Saturated Steam to 421° F/216° C**  
**600 PSI/41.4 Bar Non-Shock Cold Working Pressure**

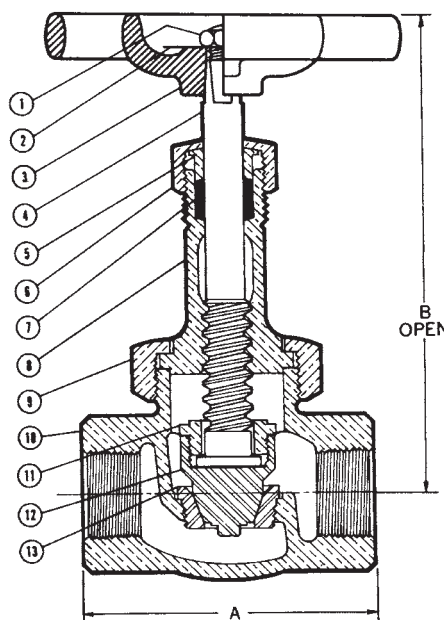
CONFORMS TO MSS SP-80

## MATERIAL LIST

| PART                    | SPECIFICATION                                                     |
|-------------------------|-------------------------------------------------------------------|
| 1. Handwheel Nut        | 300 Series Stainless Steel                                        |
| 2. Identification Plate | Aluminum                                                          |
| 3. Handwheel            | Malleable Iron ASTM A 47                                          |
| 4. Stem                 | Silicon Bronze ASTM B 371<br>Alloy C69400/C69430                  |
| 5. Packing Gland        | Bronze ASTM B 62 or ASTM B 584<br>Alloy C84400 or Brass ASTM B 16 |
| 6. Packing Nut          | Bronze ASTM B 62 or ASTM B 584<br>Alloy C84400 or Brass ASTM B 16 |
| 7. Packing              | Aramid Fibers with Graphite                                       |
| 8. Bonnet               | Bronze ASTM B 61                                                  |
| 9. Union Nut            | Bronze ASTM B 61                                                  |
| 10. Body                | Bronze ASTM B 61                                                  |
| 11. Disc Holder Nut     | Bronze ASTM B 61                                                  |
| 12. Plug Disc           | S42000 Stainless Steel<br>ASTM A 276 Hardened                     |
| 13. Plug Seat Ring      | S42000 Stainless Steel<br>ASTM A 276 Hardened                     |



**T-276-AP**  
Threaded



**T-276-AP**  
NPT x NPT  
Full Plug

## DIMENSIONS—WEIGHTS—QUANTITIES

| Size |     | Dimensions |     |       |     | Weight |       | Master Ctn. Qty. |
|------|-----|------------|-----|-------|-----|--------|-------|------------------|
|      |     | A          |     | B     |     |        |       |                  |
| In.  | mm. | In.        | mm. | In.   | mm. | Lbs.   | Kg.   |                  |
| † ¼  | 8†  | 2.63       | 67  | 4.44  | 113 | 1.34   | 0.61  | 50               |
| † ⅜  | 10† | 2.63       | 67  | 4.44  | 113 | 1.35   | 0.61  | 50               |
| ½    | 15  | 2.69       | 68  | 4.88  | 124 | 1.82   | 0.83  | 30               |
| ¾    | 20  | 3.38       | 86  | 5.75  | 146 | 2.88   | 1.30  | 20               |
| 1    | 25  | 4.00       | 102 | 7.00  | 178 | 4.77   | 2.16  | 10               |
| 1 ¼  | 32  | 4.63       | 118 | 7.63  | 194 | 6.96   | 3.16  | 10               |
| 1 ½  | 40  | 5.00       | 127 | 7.69  | 195 | 8.41   | 3.81  | 6                |
| 2    | 50  | 6.00       | 153 | 9.25  | 235 | 13.41  | 6.08  | 4                |
| 2 ½  | 65  | 6.63       | 168 | 10.19 | 259 | 17.59  | 7.98  | 2                |
| 3    | 80  | 7.75       | 197 | 11.13 | 283 | 24.55  | 11.13 | 2                |

† No packing gland, packing only in these sizes.

**FREEZING WEATHER PRECAUTION:** Subsequent to testing a piping system, valves should be left in an open position to allow complete drainage.

♦ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 113.