

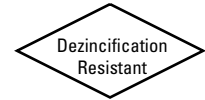
# Class 125 Bronze Gate Valves

Union bonnet • rising stem • solid wedge

125 PSI/8.6 bar saturated steam to 353°F/178°C

200 PSI/13.8 bar non-shock cold working pressure

CONFORMS TO MSS SP-80



## MATERIAL LIST

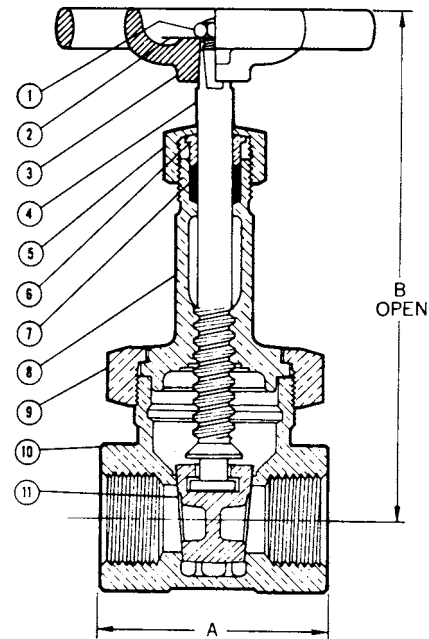
| PART                    | SPECIFICATION                                                                 |
|-------------------------|-------------------------------------------------------------------------------|
| 1. Handwheel Nut        | 300 Series Stainless Steel                                                    |
| 2. Identification Plate | Aluminum                                                                      |
| 3. Handwheel            | Malleable Iron ASTM A 47                                                      |
| 4. Stem                 | Silicon Bronze ASTM B 371<br>Alloy C69400/C69430<br>or ASTM B 99 Alloy C65100 |
| 5. Packing Nut          | Bronze ASTM B 62 or ASTM B584<br>Alloy C84400 or Brass ASTM B 16              |
| 6. Packing Gland        | Bronze ASTM B 62 or ASTM B584<br>Alloy C84400 or Brass ASTM B16               |
| 7. Packing              | Aramid Fibers with Graphite                                                   |
| 8. Bonnet               | Bronze ASTM B 62                                                              |
| *9. Union Nut           | Bronze ASTM B 62                                                              |
| 10. Body                | Bronze ASTM B 62                                                              |
| 11. Wedge               | Bronze ASTM B 62                                                              |

\*Sizes 1/4", 3/8", 1/2" ASTM B 124 Alloy C37700.



**T-124**

Threaded



**T-124**

NPT x NPT

## DIMENSIONS—WEIGHTS—QUANTITIES

| Size  |     | Dimensions |     |       |     | Weight |      | Master Ctn. Qty. |
|-------|-----|------------|-----|-------|-----|--------|------|------------------|
|       |     | A          |     | B     |     |        |      |                  |
| In.   | mm. | In.        | mm. | In.   | mm. | Lbs.   | Kg.  |                  |
| 1/4   | 8   | 1.96       | 60  | 4.81  | 122 | 1.08   | 0.49 | 50               |
| 3/8   | 10  | 1.96       | 50  | 4.81  | 122 | 1.12   | 0.51 | 50               |
| 1/2   | 15  | 2.31       | 59  | 4.81  | 122 | 1.16   | 0.53 | 40               |
| 3/4   | 20  | 2.51       | 64  | 5.81  | 148 | 1.70   | 0.77 | 30               |
| 1     | 25  | 2.92       | 74  | 7.09  | 180 | 2.37   | 1.08 | 20               |
| 1 1/4 | 32  | 3.20       | 81  | 8.13  | 206 | 3.73   | 1.69 | 10               |
| 1 1/2 | 40  | 3.33       | 85  | 9.81  | 249 | 4.67   | 2.12 | 10               |
| 2     | 50  | 3.44       | 87  | 11.56 | 294 | 7.77   | 3.53 | 6                |
| 2 1/2 | 65  | 4.35       | 110 | 14.31 | 364 | 12.70  | 5.76 | 4                |
| 3     | 80  | 5.31       | 135 | 16.50 | 419 | 18.74  | 8.51 | 2                |

**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 114.

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