

# Class 125 Bronze Gate Valves

Screw-in bonnet • non-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                   |
| 5. Packing Nut          | Sintered Bronze ASTM B 438 70<br>Grade I Type II or Brass ASTM B16 |
| 6. Packing Gland        | Sintered Bronze ASTM B 438 70<br>Grade I Type II or Brass ASTM B16 |
| 7. Packing              | Aramid Fibers with Graphite                                        |
| 8. Stuffing Box         | Bronze ASTM B 62                                                   |
| 9. Bonnet               | Bronze ASTM B 62                                                   |
| 10. Body                | Bronze ASTM B 62                                                   |
| 11. Wedge               | Bronze ASTM B 62                                                   |
| *12. Hose Cap           | Bronze ASTM B 62                                                   |
| 13. Hose Cap Gasket     | Rubber                                                             |
| 14. Safety Chain        | Brass                                                              |

**NOTE: Valve available less cap and chain – consult factory.**

\* ½ – 1 is 11½ threads per inch

1¼–1½ is 9 threads per inch

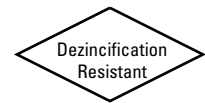
## DIMENSIONS—WEIGHTS—QUANTITIES

| Dimensions |           |      |     |      |     |      |     |        |      |                     |
|------------|-----------|------|-----|------|-----|------|-----|--------|------|---------------------|
| Size       |           | A    |     | B    |     | H    |     | Weight |      | Master<br>Ctn. Qty. |
| In.        | mm.       | In.  | mm. | In.  | mm. | In.  | mm. | Lbs.   | Kg.  |                     |
| ½ x ¾H     | 15 x 20H† | 1.13 | 29  | 4.44 | 113 | 2.06 | 52  | 1.52   | 0.69 | 30                  |
| ¾ x ¾H     | 20 x 20H† | 1.25 | 32  | 5.06 | 129 | 2.13 | 54  | 1.84   | 0.84 | 20                  |
| 1 x 1H     | 25 x 25H* | 1.44 | 37  | 5.88 | 149 | 2.38 | 60  | 2.93   | 1.33 | 20                  |
| 1¼ x 1¼H   | 32 x 32H‡ | 1.56 | 40  | 6.63 | 168 | 2.75 | 70  | 4.27   | 1.94 | 10                  |
| 1½ x 1½H   | 40 x 40H‡ | 1.69 | 43  | 7.09 | 180 | 2.94 | 75  | 5.75   | 2.61 | 10                  |

† Garden Hose Thread

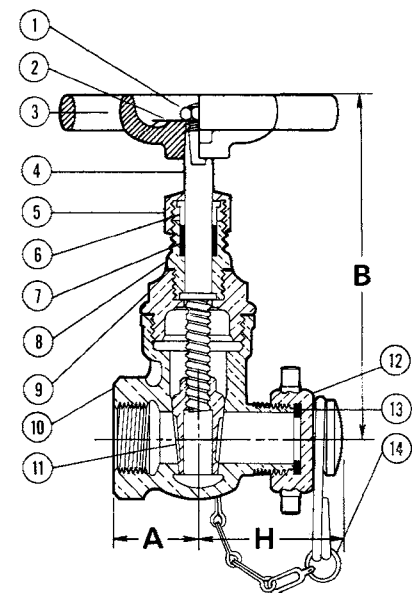
\* Special Pitch Hose Thread

‡ American National Fire Hose Thread



**T-113-HC**

Threaded x Hose Thread



**T-113-HC**

NPT x ANFH

**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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