

Class 150 Bronze Globe Valves

Union bonnet • integral seat • renewable seat disc

150 PSI/10.3 bar saturated steam to 366°F/185°C

300 PSI/20.7 bar non-shock cold working pressure

CONFORMS TO MSS SP-80

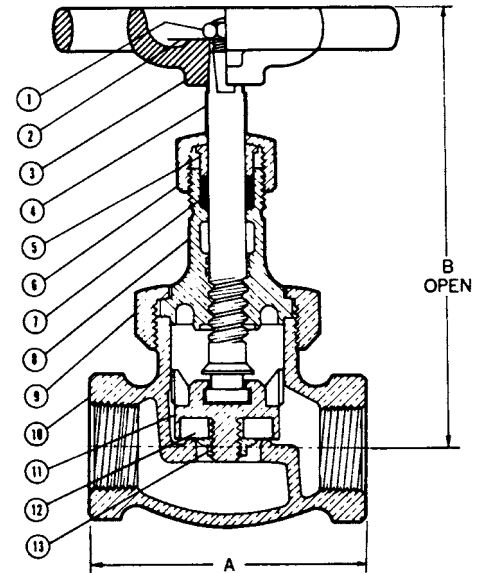
MATERIAL LIST

| 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 Alloy C69400/C69430 |
| 5. Packing Gland | Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B16 |
| 6. Packing Nut | Bronze ASTM B 62 or ASTM B584 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. Disc Holder | Bronze ASTM B 62 |
| 12. Disc | Steam (PTFE) (Y) |
| 13. Disc Nut | Bronze ASTM B 62/ASTM B 98 Alloy C65100 w/SS Washer |

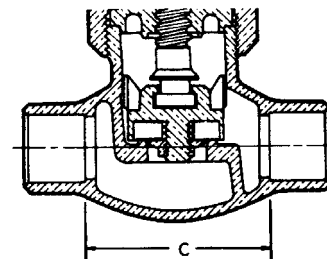


T-235-Y
Threaded

S-235-Y
Solder



T-235-Y
NPT x NPT



S-235-Y
C x C

DIMENSIONS—WEIGHTS—QUANTITIES

| Size | Dimensions | | | | | | T-235-Y | | S-235-Y | | Master Ctn. Qty. | | |
|-------|------------|------|-----|-------|-----|------|---------|-------|---------|-------|------------------|---------|----|
| | In. | mm. | In. | mm. | In. | mm. | Lbs. | Kg. | Lbs. | Kg. | T-235-Y | S-235-Y | |
| † 1/8 | 6 | 2.31 | 59 | 3.88 | 99 | 2.00 | 51 | 1.21 | 0.55 | 1.06 | 0.48 | 50 | 50 |
| † 1/4 | 8 | 2.31 | 59 | 3.88 | 99 | 1.88 | 48 | 1.19 | 0.54 | 1.05 | 0.48 | 50 | 50 |
| † 3/8 | 10 | 2.38 | 60 | 3.88 | 99 | 1.75 | 45 | 1.17 | 0.53 | 1.03 | 0.47 | 50 | 50 |
| 1/2 | 15 | 2.69 | 68 | 4.63 | 118 | 1.88 | 48 | 1.60 | 0.73 | 1.38 | 0.62 | 40 | 50 |
| 3/4 | 20 | 3.19 | 81 | 5.38 | 137 | 2.31 | 59 | 2.34 | 1.06 | 2.21 | 1.00 | 20 | 20 |
| 1 | 25 | 3.75 | 95 | 6.00 | 153 | 2.88 | 73 | 3.56 | 1.61 | 3.35 | 1.52 | 10 | 20 |
| 1 1/4 | 32 | 4.25 | 108 | 6.56 | 167 | 3.13 | 79 | 5.76 | 2.61 | 4.93 | 2.23 | 10 | 10 |
| 1 1/2 | 40 | 4.75 | 121 | 7.38 | 187 | 3.75 | 95 | 7.59 | 3.44 | 7.17 | 3.25 | 6 | 10 |
| 2 | 50 | 5.75 | 146 | 8.31 | 211 | 4.50 | 114 | 12.56 | 5.70 | 11.02 | 5.00 | 4 | 4 |
| 2 1/2 | 65 | 6.63 | 168 | 10.19 | 259 | 5.38 | 137 | 17.44 | 7.91 | 17.16 | 7.79 | 2 | 2 |
| 3 | 80 | 7.75 | 197 | 11.13 | 283 | 6.50 | 165 | 23.87 | 10.83 | 22.82 | 10.35 | 2 | 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 114.

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