

# Class 125 All Iron Trim Iron Body Gate Valves

Bolted Bonnet • Non-Rising Stem • Solid Wedge

**125 PSI/8.6 Bar Fluid Pressure to 353° F/178° C**  
**200 PSI/13.8 Bar Non-Shock Cold Working Pressure**  
**to -20° F to 150° F/-29° C to 66° C** ♦

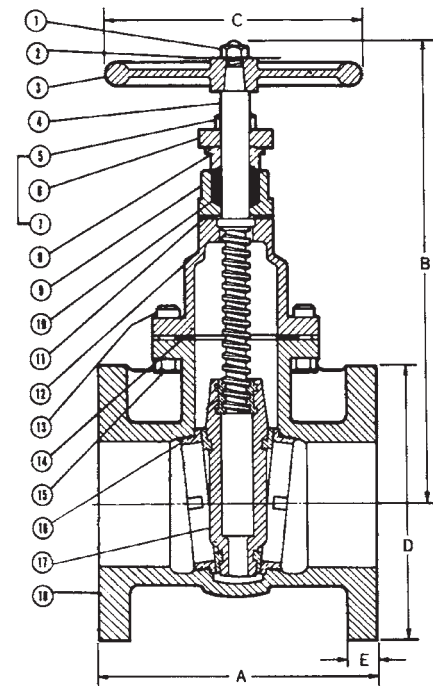
CONFORMS TO MSS SP-70

## MATERIAL LIST

| PART                    | SPECIFICATION                            |
|-------------------------|------------------------------------------|
| 1. Handwheel Nut        | Steel ASTM A 307                         |
| 2. Identification Plate | Aluminum                                 |
| 3. Handwheel            | Cast Iron ASTM A 126 Class B             |
| 4. Stem                 | Steel ASTM A 108 12L14 Electroless NI-PI |
| 5. Gland Follower Nut   | Steel ASTM A 307                         |
| 6. Gland Follower       | Ductile Iron ASTM A 536                  |
| 7. Gland Follower Bolt  | Steel ASTM A 307                         |
| 8. Packing Gland        | Zinc Plated Powdered Iron ASTM B 783     |
| 9. Stuffing Box         | Cast Iron ASTM A 126 Class B             |
| 10. Packing             | PTFE Braided                             |
| 11. Stuffing Box Gasket | Synthetic Fibers                         |
| 12. Bonnet              | Cast Iron ASTM A 126 Class B             |
| 13. Body Bolt           | Steel ASTM A 307                         |
| 14. Body Gasket         | Synthetic Fibers                         |
| 15. Body Nut            | Steel ASTM A 307                         |
| 16. Seat Ring           | Cast Iron ASTM A 126 Class B             |
| 17. Wedge               | Cast Iron ASTM A 126 Class B             |
| 18. Body                | Cast Iron ASTM A 126 Class B             |
| 19. Stuffing Box Nut    | Steel ASTM A 307 (not shown)             |



**F-619-N**  
Flanged



**F-619-N**  
Flg x Flg

## DIMENSIONS—WEIGHTS—QUANTITIES

| Dimensions |     |       |     |       |      |     |     |       |     |      |     |        |     |
|------------|-----|-------|-----|-------|------|-----|-----|-------|-----|------|-----|--------|-----|
| Size       |     | A     |     | B     |      | C   |     | D     |     | E    |     | Weight |     |
| In.        | mm. | In.   | mm. | In.   | mm.  | In. | mm. | In.   | mm. | In.  | mm. | Lbs.   | Kg. |
| 2          | 50  | 7.00  | 178 | 11.00 | 279  | 7   | 178 | 6.00  | 152 | .63  | 16  | 35     | 16  |
| 2½         | 65  | 7.50  | 191 | 12.50 | 318  | 7   | 178 | 7.00  | 178 | .94  | 17  | 49     | 22  |
| 3          | 80  | 8.00  | 203 | 13.50 | 343  | 8   | 203 | 7.50  | 191 | .75  | 19  | 60     | 27  |
| 4          | 100 | 9.00  | 229 | 15.75 | 400  | 10  | 254 | 9.00  | 229 | .94  | 24  | 90     | 41  |
| 5          | 125 | 10.00 | 254 | 17.00 | 432  | 10  | 254 | 10.00 | 254 | .94  | 24  | 129    | 59  |
| 6          | 150 | 10.50 | 267 | 21.00 | 533  | 12  | 305 | 11.00 | 279 | 1.00 | 25  | 161    | 73  |
| 8          | 200 | 11.50 | 292 | 25.00 | 635  | 14  | 356 | 13.50 | 343 | 1.13 | 29  | 277    | 126 |
| 10         | 250 | 13.00 | 330 | 29.00 | 737  | 16  | 406 | 16.00 | 406 | 1.19 | 30  | 415    | 188 |
| 12         | 300 | 14.00 | 356 | 34.50 | 876  | 18  | 457 | 19.00 | 483 | 1.25 | 32  | 631    | 287 |
| 14*        | 350 | 15.00 | 381 | 40.38 | 1026 | 20  | 508 | 21.00 | 533 | 1.38 | 35  | 869    | 394 |
| 16*        | 400 | 16.00 | 407 | 45.75 | 1162 | 22  | 559 | 23.50 | 597 | 1.44 | 37  | 1224   | 555 |

\* 14"–16" sizes rated to 100 PSI maximum steam service, 150 PSI Non-Shock Cold Working Pressure.  
 For higher pressures, see F-639.

x Not available this size.

**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.