

# Class 125 3% Nickel Iron Body Gate Valves

Bolted Bonnet • Outside Screw and Yoke • Solid Wedge • Stainless Steel Trim

**100 PSI/6.9 Bar Fluid Pressure to 450° F/232° C**

**150 PSI/10.3 Bar Non-Shock Cold Working Pressure  
to -20° F to 150° F/-29° C to 66° C**

CONFORMS TO MSS SP-70

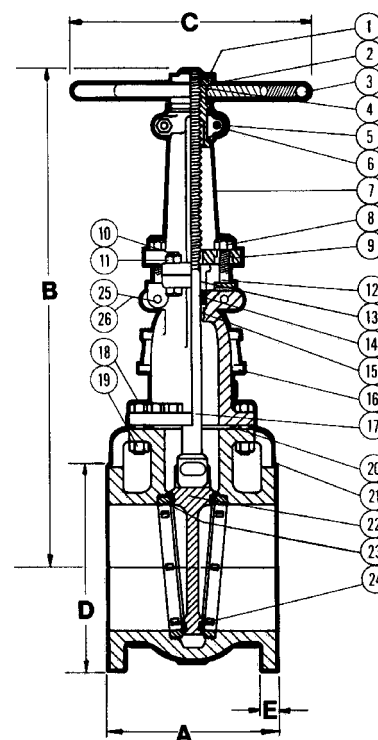
## MATERIAL LIST

| PART                    | SPECIFICATION                      |
|-------------------------|------------------------------------|
| 1. Handwheel Nut        | Ductile Iron ASTM A536             |
| 2. Identification Tag   | Aluminum                           |
| 3. Handwheel            | Fabricated Steel                   |
| 4. Yoke Bushing         | Ductile Iron ASTM A536             |
| 5. Split Yoke Bolt      | Steel ASTM A307                    |
| 6. Split Yoke Bolt Nut  | Steel ASTM A563                    |
| 7. Yoke                 | ASTM A126 3% Nickel Iron Class B   |
| 8. Gland Follower Nut   | Steel ASTM A307                    |
| 9. Gland Follower       | Ductile Iron ASTM A536             |
| 10. Yoke Bolt           | Steel ASTM A307                    |
| 11. Yoke Bolt Nut       | Steel ASTM A563                    |
| 12. Gland Follower Bolt | Steel ASTM A307                    |
| 13. Packing Gland       | ASTM A276 S31600SS                 |
| 14. Packing             | PTFE Braided                       |
| 15. Backseat Bushing    | ASTM A351 CF8M                     |
| 16. Bonnet              | ASTM A126 3% Nickel Iron Class B   |
| 17. Stem                | ASTM A276 S31600SS                 |
| 18. Bonnet Bolt         | Steel ASTM A307                    |
| 19. Bonnet Bolt Nut     | Steel ASTM A563                    |
| 20. Bonnet Gasket       | Synthetic Fibers                   |
| 21. Body                | ASTM A126 3% Nickel Iron Class B   |
| 22. Wedge               | ASTM A126 3% Nickel Iron Class B   |
| 23. Seat Ring           | ASTM A351 CF8M                     |
| 24. Wedge Ring          | ASTM A351 CF8M                     |
| 25. Swing Nut           | Steel ASTM A563                    |
| 26. Swing Bolt          | Steel ASTM A307                    |
| 27. Grease Fitting      | Alemite 1743B (not shown)          |
| 28. Stem Collar         | ASTM A276 S31600SS (not shown)     |
| 29. Wedge Pin           | ASTM A276 S31600SS (not shown)     |
| 30. Wedge Nut           | Ductile Iron ASTM A536 (not shown) |



**F-617-13**

Flanged



**F-617-13**

Flg x Flg

## DIMENSIONS—WEIGHTS—QUANTITIES

| Size |     | Dimensions |     |        |      |       |     |       |     |      |     | Weight |      |
|------|-----|------------|-----|--------|------|-------|-----|-------|-----|------|-----|--------|------|
|      |     | A          |     | B      |      | C     |     | D     |     | E    |     |        |      |
| In.  | mm. | In.        | mm. | In.    | mm.  | In.   | mm. | In.   | mm. | In.  | mm. | Lbs.   | Kg.  |
| 14   | 350 | 15.00      | 381 | 65.50  | 1664 | 24.00 | 610 | 21.00 | 533 | 1.38 | 35  | 890    | 404  |
| 16   | 400 | 16.00      | 406 | 74.50  | 1892 | 24.00 | 610 | 23.50 | 597 | 1.44 | 37  | 1252   | 568  |
| 18   | 450 | 17.00      | 432 | 82.50  | 2096 | 24.00 | 610 | 25.00 | 635 | 1.56 | 40  | 1596   | 725  |
| 20   | 500 | 18.00      | 457 | 91.00  | 2311 | 30.00 | 762 | 27.50 | 699 | 1.69 | 43  | 2023   | 918  |
| 24   | 600 | 20.00      | 508 | 107.50 | 2731 | 30.00 | 762 | 32.00 | 813 | 1.88 | 48  | 2907   | 1320 |

**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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