

300/350 lb. WWP Iron Body Gate Valves

Fire Protection Valve • Bolted Bonnet • Outside Screw and Yoke • Solid Wedge • Class 250 Flanges

300/350 PSI/20.7/24 Bar Non-Shock Cold Water

CONFORMS TO MSS SP-70 • UL LISTED 350 PSI • FM APPROVED 300 PSI
• APPROVED BY NEW YORK CITY M.E.A. 420-92-E AT 350 PSI NON-SHOCK
COLD WATER

MATERIAL LIST

| PART | SPECIFICATION |
|----------------------------------|--|
| 1. Stem | Brass ASTM B 16 Alloy C36000 |
| 2. Handwheel Nut | Cast Bronze ASTM 584 Alloy C84400 |
| 3. Identification Plate | Aluminum |
| 4. Yoke Bushing | Cast Bronze ASTM 584 Alloy C84400 |
| 5. Handwheel | Cast Iron ASTM A 126 Class B |
| 6. Bonnet Cap Nut | Steel ASTM A 307 |
| ¹ 7. Bonnet Cap | Ductile Iron ASTM A 536 |
| ¹ 8. Bonnet | Cast Iron ASTM A 126 Class B |
| 9. Bonnet Cap Bolt | Steel ASTM A 307 |
| 10. Gland Follower Nut | Brass ASTM B 36 |
| 11. Gland Follower | Ductile Iron ASTM A 536 |
| 12. Packing Gland | Zinc Plated Powdered Iron ASTM B 310 or Brass ASTM B 16 |
| 13. Packing | Non Asbestos |
| 14. Gland Follower Bolt | Steel ASTM A 307 |
| 15. Backseat Bushing | Cast Bronze ASTM 584 Alloy C84400 |
| 16. Body Nut | Steel ASTM A 307 |
| 17. Body Gasket | Non Asbestos |
| 18. Body Bolt | Steel ASTM A 307 |
| 19. Body | Cast Iron ASTM A 126 Class B |
| 20. Stem Collar | Cast Bronze ASTM 584 Alloy C84400 |
| ² 21. Wedge | Cast Iron ASTM A 126 Class B |
| ³ 22. Wedge Nut | Cast Bronze ASTM 584 Alloy C84400 |
| 23. Wedge Pin | Silicon Bronze B 140 Alloy C31600 |
| 24. Seat Ring | Cast Bronze ASTM 584 Alloy C84400 |
| ² 25. Wedge Face Ring | Cast Bronze ASTM 584 Alloy C84400 |

¹ Sizes 2½" thru 6" made as shown using bonnet cap.
8" thru 10" made with separate yoke bolted to bonnet.

² Wedge construction - 2½" thru 3" all bronze.
4" thru 10" cast iron with bronze wedge face rings.

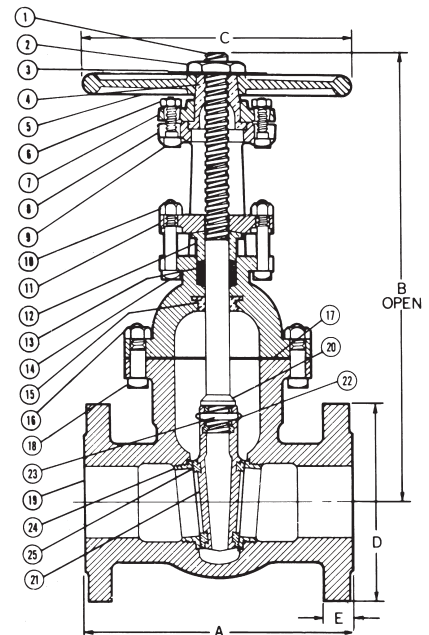
³ Bronze wedge nuts used on sizes 6" thru 10".

DIMENSIONS—WEIGHTS—QUANTITIES

| Size | Dimensions | | | | | | | | | | Weight | | |
|---------|------------|-------|-----|-------|------|-------|-----|-------|-----|------|--------|-----|-----|
| | A | | B | | C | | D | | E | | Lbs. | Kg. | |
| In. mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | | | |
| 2½ | 65 | 9.5 | 241 | 18.44 | 468 | 8.00 | 203 | 7.50 | 191 | 1.00 | 25 | 74 | 34 |
| 3 | 80 | 11.13 | 283 | 20.50 | 521 | 10.00 | 254 | 8.25 | 210 | 1.13 | 29 | 122 | 55 |
| 4 | 100 | 12.00 | 305 | 27.00 | 686 | 12.00 | 305 | 10.00 | 254 | 1.25 | 32 | 193 | 88 |
| 6 | 150 | 15.88 | 403 | 33.00 | 838 | 16.00 | 406 | 12.50 | 318 | 1.44 | 37 | 411 | 186 |
| 8 | 200 | 16.50 | 419 | 45.50 | 1156 | 16.00 | 406 | 15.00 | 381 | 1.63 | 41 | 637 | 290 |
| 10 | 250 | 18.00 | 457 | 56.00 | 1422 | 20.00 | 508 | 17.50 | 445 | 1.88 | 48 | 897 | 408 |



F-697-0
Flanged



F-697-0
Flg x Flg



FREEZING WEATHER PRECAUTION: Subsequent to testing a piping system, gate valves should be left in an open position to allow complete drainage.