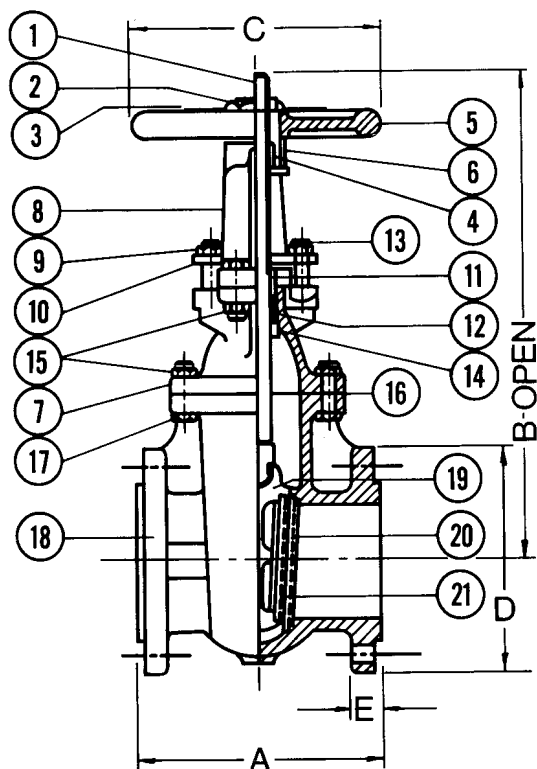


**F-2894-M 2"-12"**

**Iron Gate Valve**  
**250 SWP - 500 WOG †**  
**OS & Y • Solid Wedge Disc**  
**Bolted Bonnet • Flanged Ends**  
**Conforms to: MSS SP-70**

Flange shape and drilling to specification ASME B 16.1 (250 lb.)

**MATERIAL LIST**

| No.            | PART                | MATERIAL     | SPECIFICATION      |
|----------------|---------------------|--------------|--------------------|
| 1              | Stem                | Brass        | ASTM B16           |
| 2              | Handwheel Nut       | Ductile Iron |                    |
| 3              | Name Plate          | Aluminum     |                    |
| 4              | Yoke Bushing        | Cast Bronze  | ASTM B62           |
| 5              | Handwheel           | Cast Iron    | ASTM A126, Class B |
| 6 <sup>2</sup> | Yoke Bushing Nut    | Cast Iron    | ASTM A126, Class B |
| 7 <sup>1</sup> | Bonnet              | Cast Iron    | ASTM A126, Class B |
| 8 <sup>1</sup> | Yoke                | Cast Iron    | ASTM A126, Class B |
| 9              | Gland Follower Nut  | Steel        | ASTM A307-B        |
| 10             | Gland Follower      | Ductile Iron | ASTM A536          |
| 11             | Packing Gland       | Cast Bronze  | ASTM B62           |
| 12             | Packing             | Graphite     |                    |
| 13             | Gland Follower Bolt | Steel        | ASTM A307-B        |
| 14             | Backseat Bushing    | Cast Bronze  | ASTM B62           |
| 15             | Nut                 | Steel        | ASTM A307-B        |
| 16             | Body Gasket         | Graphite     |                    |
| 17             | Bolt                | Steel        | ASTM A307-B        |
| 18             | Body                | Cast Iron    | ASTM A126, Class B |
| 19             | Wedge               | Cast Iron    | ASTM A126, Class B |
| 20             | Seat Ring           | Cast Bronze  | ASTM B62           |
| 21             | Wedge Face Ring     | Cast Bronze  | ASTM B62           |

<sup>1</sup> Sizes 2" to 3" made with yoke integral with bonnet.

<sup>2</sup> Sizes 4" through 12" made with separate yoke bolted to bonnet.

**DIMENSIONS - INCHES/MILLIMETERS**

| Units  | Size  | A     | B     | C     | D     | E    | C <sub>v</sub> |
|--------|-------|-------|-------|-------|-------|------|----------------|
| Inches | 2     | 8.50  | 16.00 | 8.00  | 6.50  | 0.88 | 215            |
| mm     |       | 216   | 406   | 203   | 165   | 22   |                |
| Inches | 2 1/2 | 9.50  | 16.88 | 8.00  | 7.50  | 1.00 | 335            |
| mm     |       | 241   | 429   | 203   | 191   | 25   |                |
| Inches | 3     | 11.13 | 19.38 | 10.00 | 8.25  | 1.13 | 510            |
| mm     |       | 283   | 492   | 254   | 210   | 29   |                |
| Inches | 4     | 12.00 | 23.63 | 12.00 | 10.00 | 1.25 | 945            |
| mm     |       | 305   | 600   | 305   | 254   | 32   |                |
| Inches | 5     | 15.00 | 27.75 | 12.00 | 11.00 | 1.38 | 1525           |
| mm     |       | 381   | 705   | 305   | 279   | 35   |                |
| Inches | 6     | 15.88 | 32.38 | 14.00 | 12.50 | 1.44 | 2250           |
| mm     |       | 403   | 822   | 356   | 318   | 37   |                |
| Inches | 8     | 16.50 | 40.50 | 16.00 | 15.00 | 1.63 | 4150           |
| mm     |       | 419   | 1025  | 406   | 381   | 41   |                |
| Inches | 10    | 18.00 | 49.00 | 18.00 | 17.50 | 1.88 | 6700           |
| mm     |       | 457   | 1245  | 457   | 445   | 48   |                |
| Inches | 12    | 19.75 | 56.88 | 20.00 | 20.50 | 2.00 | 9925           |
| mm     |       | 502   | 1445  | 508   | 521   | 51   |                |

Suffix M – Signifies "MILVACO" Series International Valves.

† Non-Shock

Accurate as of 5/25/17. For the most current information access [www.milwaukeevalve.com](http://www.milwaukeevalve.com)

