85-100 Series
Stainless Steel 3-Piece Ball Valve

Standard Port Threaded, 1000 psig WOG, Cold Non-Shock. 150 psig Saturated Steam.
Vacuum Service to 29 inches Hg.
MSS SP-110; Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends.

FEATURES
- Meets NACE MR-01-75
- Blow-out-proof stem design
- In-line repairable
- Investment cast components
- RPTFE seats and seals
- Adjustable packing gland

STANDARD MATERIAL LIST

1. Lever and grip 304 SS w/vinyl
2. Stem packing RPTFE
3. Stem bearing RPTFE
4. Ball A276-316
5. Seat (2) RPTFE
6. End cap (2) A351-CF3M
7. Gland nut A276-316
8. Stem A276-316
9. Lever nut 18-8 SS
10. Body bolt (4) 18-8 SS
11. Hex nut (4) 18-8 SS
12. Body A351-CF8M

OPTIONS AVAILABLE:

(SUFFIX) OPTION SIZES
-02- Static Grounded 1/2”
-03- 1-1/4” Stem Extension 1/2”
-04- 2-1/4” Stem Extension 1/2”
-07- Tee Handle 1/2”
-08- 90° Reversed Stem 1/2”
-14- Vented Ball (see page J-2) 1/2”
-15- Round Handle 1/2”
-18- Plain Yellow Grip 1/2”
-24- Graphite Stem Packing 1/2”
-27- Latch Lock Lever 1/2”
-32- SS Tee Handle & Nut 1/2”
-35- VTFE Trim 1/2”
-45- Less Lever & Nut 1/2”
-47- SS Latch-Lock Oval Handle 1/2”
-48- SS Oval Handle (No Latch) & Nut 1/2”
-49- Assembled Dry 1/2”
-50- 2-1/4” CS Locking Stem Extension 1/2”
-57- Oxygen Cleaned 1/2”
-60- Grounded Ball & Stem 1/2”
-61- Grounded Ball & Stem and Assembled Dry 1/2”
-63- Threaded x Socket Weld 1/2”
-P01- BSPP (Parallel) Thread Connection 1/2”
-T01- BSPT (Tapered) Thread Connection 1/2”

STAINLESS STEEL 3-PIECE BALL VALVE

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<tr>
<th>NUMBER</th>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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For Pressure/Temperature Ratings, Refer to Page M-10, Graph No. 8