85R-100 Series

Stainless Steel 3-Piece Ball Valve
With Actuator Ready ISO Mounting Pad

Std. Port Threaded, 3/4” to 1-1/4” 1000 psig WOG, 1-1/2” & 2” 800 psig WOG, Cold Non-Shock. 150 psig Saturated Steam.
Vacuum Service to 29 inches Hg.

MSS SP-110; Ball Valve Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends.

FEATURES

- Multi-piece packing set
- ISO 5211 mounting pad
- Blow-out-proof stem design
- In-line repairable
- Adjustable packing gland
- Investment cast components
- RPTFE seats and seals
- Full port configuration
- Meets NACE MR01-75

STANDARD MATERIAL LIST

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

OPTIONS AVAILABLE:

(SUFFIX) OPTION SIZES

-02- Static Grounded 3/4” to 2”
-03- 1-1/4” Stem Extension 3/4” to 2”
-04- 2-1/4” Stem Extension 3/4” to 2”
-08- 90º Reversed Stem 3/4” to 2”
-14- Vented Ball 3/4” to 2”
-18- Plain Yellow Grip 3/4” to 2”
-21- UHMWPE Seats (Non-PTFE) 3/4” to 2”
-24- Graphite Stem Packing 3/4” to 2”
-27- Latch Lock Lever 3/4” to 2”
-35- VTFE Trim 3/4” to 2”
-36- SS Round Handle 3/4” to 2”
-39- SS Hi-Rise Locking Wheel Handle, SS Nut 3/4” to 2”
-49- Assembled Dry 3/4” to 2”
-57- Oxygen Cleaned 3/4” to 2”
-60- Grounded Ball & Stem 3/4” to 2”
-63- Threaded x Socket Weld 3/4” to 2”
-P01- BSPP (Parallel) Thread Connection 3/4” to 2”
-T01- BSPT (Tapered) Thread Connection 3/4” to 2”
-AR- Less Handle & Stop-Add Belleville Washers 3/4” to 2”
-WB- With Lever & Belleville Washers 3/4” to 2”

STAINLESS STEEL 3-PIECE STANDARD PORT BALL VALVE WITH ISO MOUNTING PAD

For Pressure/Temperature Ratings, Refer to Page M-10, Graph No. 8

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<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
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<th>K (THRDS.)</th>
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