86R-200 Series
Stainless Steel 3-Piece Full Port Socket Weld Valve
Ball Valve With Actuator Ready ISO Mounting Pad
1/4” through 2”

Socket Weld, 1/4” to 1” 1000 psig CWP, 1-1/4” & 2” 800 psig CWP, 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 1/4” to 2”
-03- 1-1/4” Stem Extension 1/4” to 2”
-04- 2-1/4” Stem Extension 1/4” to 2”
-08- 90º Reversed Stem 1/4” to 2”
-14- Vented Ball 1/4” to 2”
-18- Plain Yellow Grip 1/4” to 2”
-21- UHMWPE Seats (Non-PTFE) 1/4” to 2”
-24- Graphite Stem Packing 1/4” to 2”
-27- Latch Lock Lever 1/4” to 2”
-35- VTFE Trim 1/4” to 2”
-36- SS Round Handle 3/4” to 2”
-39- SS Hi-Rise Locking Wheel Handle, SS Nut 1/4” to 2”
-49- Assembled Dry 1/4” to 2”
-56- Multi-fill Seats 1/4” to 2”
-57- Oxygen Cleaned 1/4” to 2”
-60- Grounded Ball & Stem 1/4” to 2”
-AR- Less Handle & Stop-Add Belleville Washers 1/4” to 2”
-WB- With Lever & Belleville Washers 1/4” to 2”

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

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