83R-700 Series
Carbon Steel 3-Piece Full Port Butt-Weld Ball Valve With Actuator Ready ISO Mounting Pad

Schedule 40 Butt-Weld Ends, 1/2” to 1” 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-72; Ball Valves with Flanged or Butt-Weld Ends for General Service.

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

STANDARD MATERIAL LIST

1. Stem A108-CS
2. Jam nut Steel, zinc plate
3. Low profile nut 316 SS
4. Gland A276-316
5. Stem bearing RPTFE
6. End cap (2) A108-CS (1/2” to 1”)
7. Hex nut (4) Stl-gr. 8-zinc plt
8. Seat (2) RPTFE
9. Ball A108-CS chrome plate
10. Body bolt (4) Stl-gr. 8-zinc plt
11. Stem packing MPTFE
12. Body ASTM A216-WCB
13. Lock tab washer 304 SS
14. Lever and grip Stl-zinc plt-w/vinyl

VARIATIONS AVAILABLE:

• 83R-740 Series (316 SS Ball & Stem)
• Meets NACE MR-01-75 (1-1/4” to 2”)

OPTIONS AVAILABLE:

(SUFFIX) OPTION SIZES

-02- Static Grounded 1/2” to 2”
-03- 1-1/4” Stem Extension 1/2” to 2”
-04- 2-1/4” Stem Extension 1/2” to 2”
-06- 90° Reversed Stem 1/2” to 2”
-10- SS Lever & Nut 1/2” to 2”
-14- Vented Ball 1/2” to 2”
-18- Plain Yellow Grip 1/2” to 2”
-21- UHMWPE Seats (Non-PFTE) 1/2” to 2”
-24- Graphite Stem Packing 1/2” to 2”
-27- Latch Lock Lever 1/2” to 2”
-35- VTFE Trim 1/2” to 2”
-36- SS Round Handle 1/2” to 2”
-39- SS Hi-Rise Locking Wheel Handle, SS Nut 1/2” to 2”
-59- SS External Trim - 3-pc. Valves 1/2” to 2”
-60- Grounded Ball & Stem 1/2” to 2”
-AR- Less Handle & Stop-Add Belleville Washers 1/2” to 2”
-WL- With Lever & Belleville Washers 1/2” to 2”

For Pressure/ Temperature Ratings, Refer to Page M-10, Graph No. 7

CARBON STEEL 3-PIECE FULL PORT BUTT-WELD BALL VALVE WITH ISO MOUNTING PAD

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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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