83R-100 Series
Carbon Steel 3-Piece Full Port Ball Valve
With Actuator Ready ISO Mounting Pad
1/4” through 2”

Full Port Threaded, 1/4” to 1” 1000 psig CWP; 1-1/4” to 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

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 (1/4” 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-140 Series (316 SS Ball & Stem)
• Meets NACE MR-01-75 (1-1/4” to 2”)

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”
-05- 90º Reversed Stem 1/4” to 2”
-06- SS Lever & Nut 1/4” to 3”
-07- Vented Ball 1/4” to 2”
-08- Plain Yellow Grip 1/4” to 2”
-09- UHMWPE Seats (Non-PTFE) 1/4” to 2”
-10- Graphite Stem Packing 1/4” to 2”
-11- Latch Lock Lever 1/2” to 2”
-12- VTFE Trim 1/4” to 2”
-13- SS Round Handle 1/4” to 2”
-14- SS Hi-Rise Locking Wheel Handle, SS Nut 1/4” to 2”
-15- Multitill Seats & Graphite Packing 1/4” to 2”
-16- SS External Trim - 3-pc. Valves 1/4” to 2”
-17- Grounded Ball & Stem 1/4” to 2”
-18- NPT x Socket Weld 1/4” to 2”
-19- NPT x Butt weld 1/4” to 2”
-20- BSPP (Parallel) Thread Connection 1/4” to 2”
-21- BSPT (Tapered) Thread Connection 1/4” to 2”
-22- Less Handle & Stop-Add Belleville Washers 1/4” to 2”
-23- With Lever & Belleville Washers 1/4” to 2”

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

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

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<th>D</th>
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