86-500 Series

Stainless Steel 3-Piece High Pressure Full Port Ball Valve

Threaded, 1/4” to 1” 1500 psig WOG, 1-1/4” & 2” 1250 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

- Adjustable packing gland
- In-line repairable
- Blow-out-proof stem design
- Investment Cast Components
- Actuator mounting pad (3/4” to 2”)
- RPTFE seats and seals
- Meets NACE MR-01-75

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. Seat holder (2) A276-316
8. Gland nut A276-316
9. Stem A276-316
10. Lever nut 304 SS
11. Body bolt (4) 18-8 SS
12. Hex nut (4) 18-8 SS
13. Body A351-CF8M
14. Body seal (2) RPTFE

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”
-07- Tee Handle 1/4” to 2”
-08- 90° Reversed Stem 1/4” to 2”
-14- Vented Ball (see page J-2) 1/4” to 2”
-15- Round Handle 1/4” to 2”
-16- Vertical Chain Lever 1/2” to 2”
-18- Plain Yellow Grip 1/4” to 2”
-27- Latch Lock Lever 1/4” to 2”
-29- Firesafe 1/4” to 2”
-32- SS Tee Handle & Nut 1/4” to 2”
-38- PEEK Seats & Bearing (Graphite Packing & Seals) 1/4” to 2”
-45- Less Lever & Nut 1/4” to 2”
-47- SS Latch-Lock Oval Handle 1/4” to 2”
-48- SS Oval Handle (No Latch) & Nut 1/4” to 2”
-49- Assembled Dry 1/4” to 2”
-56- Multifull Seats 1/4” to 2”
-57- Oxygen Cleaned 1/4” to 2”
-58- Chain Lever - Horizontal 1/2” to 2”
-60- Grounded Ball & Stem 1/4” to 2”
-63- Threaded x Socket Weld 1/2” to 2”
-64- 250# Steam Trim 1/4” to 2”
-66- FNPT x Butt Weld 1/2” to 2”
-P01- BSPP (Parallel) Thread Connection 1/4” to 2”
-T01- BSPT (Tapered) Thread Connection 1/4” to 2”

For Pressure/Temperature Ratings, Refer to Page M-11, Graph No. 12