83-600 Series
Carbon Steel 3-Piece High Pressure Full Port
Socket Weld Ball Valve

Socket Weld, 1/2” 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

• Nitride corrosion protection
• Adjustable packing gland
• In-line repairable
• Blow-out-proof stem design
• (-29) Certified to API standard 607, 4th Edition, Class 600 burn
• Investment Cast Components
• Actuator mounting pad (3/4” to 2”)
• Meets NACE MR-01-75 with SS trim
• RPTFE seats and seals

STANDARD MATERIAL LIST

1. Lever and grip CS, zinc plated w/vinyl
2. Body bolt (4) Steel, SAE grade 8 zinc plated
3. Hex nut (4) Steel, SAE grade 8 zinc plated
4. Ball A108-CS chrome plated
5. Seat (2) RPTFE
6. End cap (2) A216-WCB
7. Seat holder (2) A108-CS
8. Gland nut A108-CS
9. Stem A108-CS
10. Lever nut Steel, zinc plated
11. Stem packing RPTFE
12. Stem bearing RPTFE
13. Body A216-WCB
14. Body seal (2) RPTFE

VARIATIONS AVAILABLE:
83-640 Series (316 SS Ball & Stem)

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”
-07- Tee Handle 1/2” to 2”
-08- 90° Reversed Stem 1/2” to 2”
-10- SS Lever & Nut 1/2” to 2”
-14- Vented Ball (see page J-2) 1/2” to 2”
-15- Round Handle 1/2” to 2”
-16- Vertical Chain Lever 1/2” to 2”
-18- Plain Yellow Grip 1/2” to 2”
-27- Latch Lock Lever 1/2” to 2”
-28- Firesafe 1/2” to 2”
-32- SS Tee Handle & Nut 1/2” to 2”
-38- PEEK Seats & Bearing (Graphite Packing & Seals) 1/2” to 2”
-45- Less Lever & Nut 1/2” to 2”
-47- SS Latch-Lock Oval Handle 1/2” to 2”
-48- SS Oval Handle (No Latch) & Nut 1/4” to 2”
-56- Multifill Seats 1/2” to 2”
-58- Chain Lever - Horizontal 1/2” to 2”
-59- SS External Trim - 3-pc. Valves 1/2” to 2”
-60- Grounded Ball & Stem 1/2” to 2”
-64- 250# Steam Trim 1/2” to 2”

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

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<th>SIZE</th>
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