Saturn® 93-100 Series
Carbon Steel Uni-Body Saturn® Ball Valve

Threaded, 1/4” to 1” 2000 psig WOG, 1-1/4” to 2” 1500 psig WOG, Cold Non-Shock. 150 psig Saturated Steam.
MSS SP-110; Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends.

FEATURES

- Uni-body barstock steel design
- RPTFE seats and seals
- Blow-out-proof stem design
- Adjustable packing gland
- Compact
- Chromium plated ball
- Nitride corrosion protection

STANDARD MATERIAL LIST

1. Lever and grip
2. Stem packing
3. Stem bearing
4. Ball
5. Seat (2)
6. Retainer
7. Gland nut
8. Stem
9. Lever nut (Screw 1/4” to 1/2”)
10. Body

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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For Pressure/ Temperature Ratings, Refer to Page M-12, Graph No. 13
(1/4” to 1”)
Refer to Page M-11, Graph No. 11
(1-1/4” to 2”)

VARIATIONS AVAILABLE:
93-140 Series (316 SS Ball & Stem)

OPTIONS AVAILABLE:

(SUFFIX)  OPTION  SIZES
-02-  Static Grounded  1/4” to 2”
-03-  1-1/4” CS Stem Extension  1/4” to 2”
-04-  2-1/4” CS Stem Extension  1/4” to 2”
-07-  Steel Tee Handle  1/4” to 2”
-08-  90° Reversed Stem  3/4” to 2”
-10-  SS Lever & Nut  1/4” to 1-1/2”
-14-  Side Vented Ball (Uni-Directional)  1/4” to 2”
-15-  Wheel Handle, Steel  1/4” to 1-1/2”
-19-  Lock Plate (Suggest “92”)  1/4” to 2”
-24-  Graphite Packing  1/4” to 2”
-45-  Less Lever & Nut  1/4” to 2”
-60-  Grounded Ball & Stem  3/4” to 2”
-P01-  BSPP (Parallel) Thread Connection  1/4” to 2”
-T01-  BSPT (Tapered) Thread Connection  1/4” to 2”

CARBON STEEL UNI-BODY
SATURN® BALL VALVE