**Saturn® 90-100 Series**

Bronze Uni-Body Saturn® Ball Valve

Threaded, 300 psig WOG, Cold Non-Shock. 150 psig Saturated Steam.
MSS SP-110; Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends.

**Features**
- UL Listed at 300 psig for fuel, inert gas and flammable liquids
- Valves with tee handles UL listed
- RPTFE seats and seals
- Blow-out-proof stem design
- Adjustable packing gland
- One piece bronze body
- Chromium plated ball
- Compact

**UL Listings**
- Guide YQNZ: Compressed gas shutoff valve for use with air, inert gases, hydrogen, oxygen and common refrigerants except ammonia.

**Standard Material List**

1. Lever and grip
   - Steel, zinc plated w/vinyl
2. Stem packing
   - RPTFE
3. Stem bearing
   - RPTFE
4. Ball
   - B16, chrome plated
5. Seat (2)
   - RPTFE
6. Retainer
   - B16
7. Gland nut
   - B16
8. Stem
   - B16
9. Lever nut (Screw 1/2”)
   - Steel, zinc plated
10. Body
    - B584-C84400

**Options Available:**

<table>
<thead>
<tr>
<th>SUFFIX</th>
<th>OPTION</th>
<th>SIZES</th>
</tr>
</thead>
<tbody>
<tr>
<td>-05-</td>
<td>Plain Ball</td>
<td>1/2” to 2”</td>
</tr>
<tr>
<td>-07-</td>
<td>Steel Tee Handle</td>
<td>1/2” to 2”</td>
</tr>
</tbody>
</table>

**Bronze Uni-Body Saturn® Ball Valve**

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-103-01</td>
<td>1/2”</td>
<td>.38</td>
<td>1.14</td>
<td>2.15</td>
<td>1.64</td>
<td>3.87</td>
<td>.53</td>
</tr>
<tr>
<td>90-104-01</td>
<td>3/4”</td>
<td>.50</td>
<td>1.36</td>
<td>2.61</td>
<td>1.78</td>
<td>3.87</td>
<td>.82</td>
</tr>
<tr>
<td>90-105-01</td>
<td>1”</td>
<td>.63</td>
<td>1.50</td>
<td>2.90</td>
<td>2.14</td>
<td>4.78</td>
<td>1.25</td>
</tr>
<tr>
<td>90-106-01</td>
<td>1-1/4”</td>
<td>.81</td>
<td>1.79</td>
<td>3.50</td>
<td>2.31</td>
<td>4.78</td>
<td>1.98</td>
</tr>
<tr>
<td>90-107-01</td>
<td>1-1/2”</td>
<td>1.00</td>
<td>1.96</td>
<td>3.79</td>
<td>2.87</td>
<td>5.43</td>
<td>2.99</td>
</tr>
<tr>
<td>90-108-01</td>
<td>2”</td>
<td>1.25</td>
<td>2.29</td>
<td>4.42</td>
<td>3.09</td>
<td>5.43</td>
<td>4.64</td>
</tr>
</tbody>
</table>