76-500 Series
Stainless Steel Ball Valve with
Spring Return Handle

Threaded, 1/4” to 1” 2000 psig WOG, 1-1/4” to 2” 1500 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
• Spring return to close (-01)
• Spring return to open (-08)
• RPTFE seats and stuffing box ring
• All components of lever are stainless steel
• Operating torque is approximately three times standard valve torque
• Blow-out-proof stem design
• Adjustable packing gland
• Meets NACE MR-01-75
• Investment cast components

STANDARD MATERIAL LIST
1. Handle
2. Stem packing
3. Stem bearing
4. Ball
5. Seat (2)
6. Retainer
7. Gland nut
8. Stem
9. Lever nut
10. Body seal
11. Body

OPTIONS AVAILABLE:
(SUFFIX) OPTION SIZES
-08- 90° Reversed Stem 1/4” to 2”
-14- Side Vented Ball (Uni-Directional) 1/4” to 2”
-21- UHMWPE Seats (Non-PTFE) 1/4” to 2”
-24- Graphite Packing 1/4” to 2”
-35- VTFE Trim 1/4” to 2”
-49- Assembled Dry 1/4” to 2”
-57- Oxygen Cleaned 1/4” to 2”
-60- Grounded Ball & Stem 1/4” to 2”
-P01- BSPP (Parallel) Thread Connection 1/4” to 2”
-T01- BSPT (Ramped) Thread Connection 1/4” to 2”

STAINLESS STEEL BALL VALVE WITH
SPRING RETURN HANDLE

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>76-501-01</td>
<td>1/4”</td>
<td>.37</td>
<td>1.03</td>
<td>2.06</td>
<td>7.00</td>
<td>1.26</td>
</tr>
<tr>
<td>76-502-01</td>
<td>3/8”</td>
<td>.37</td>
<td>1.03</td>
<td>2.06</td>
<td>7.00</td>
<td>1.25</td>
</tr>
<tr>
<td>76-503-01</td>
<td>1/2”</td>
<td>.50</td>
<td>1.12</td>
<td>2.35</td>
<td>7.00</td>
<td>1.31</td>
</tr>
<tr>
<td>76-504-01</td>
<td>3/4”</td>
<td>.68</td>
<td>1.50</td>
<td>3.00</td>
<td>7.00</td>
<td>1.98</td>
</tr>
<tr>
<td>76-505-01</td>
<td>1”</td>
<td>.87</td>
<td>1.68</td>
<td>3.37</td>
<td>7.00</td>
<td>2.35</td>
</tr>
<tr>
<td>76-506-01</td>
<td>1-1/4”</td>
<td>1.00</td>
<td>2.00</td>
<td>4.00</td>
<td>9.00</td>
<td>3.96</td>
</tr>
<tr>
<td>76-507-01</td>
<td>1-1/2”</td>
<td>1.25</td>
<td>2.18</td>
<td>4.37</td>
<td>9.00</td>
<td>4.78</td>
</tr>
<tr>
<td>76-508-01</td>
<td>2”</td>
<td>1.50</td>
<td>2.75</td>
<td>5.50</td>
<td>9.00</td>
<td>6.66</td>
</tr>
</tbody>
</table>

For Pressure/Temperature Ratings, Refer to Page M-12, Graph No. 14
(1/4” to 1”)
Refer to Page M-11, Graph No. 12
(1-1/4” to 2”)

H-10