77C-200 Series
Bronze Full Port Ball Valve (Solder)

Solder End, 600 psig CWP, 150 psig AQP. (See referenced P/T chart)
Vacuum Service to 29 inches Hg.
MSS SP-110 compliant.

FEATURES

- American Made Bronze Castings
- Blow-out-proof stem design
- Machined Solid Chrome-Plated Ball
- Adjustable packing gland
- Multi-Fill PTFE Seats & Seals
- Full Port Design Through 2"
- Available With Stainless Steel Ball and Stem As 77C-240 Series

STANDARD MATERIAL LIST

1. Gland
2. Nut
3. Packing
4. Seat
5. Stem
6. Ball
7. Retainer
8. Body
9. Handle

- B16 Brass
- Zinc Plated Steel
- MP18E
- MP18E
- B16 Brass
- B16 (chromium plated)
- BS84 Bronze*
- BS84 Bronze
- Zinc Plated Steel/Vinyl

*1/4" - 1/2" B16 Brass

OPTIONS AVAILABLE:

For Pressure/Temperature Ratings,
Refer to Page M-8, Graph No. 4

BRONZE FULL PORT 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>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>Cv</th>
<th>WT.**</th>
</tr>
</thead>
<tbody>
<tr>
<td>77C-202</td>
<td>3/8</td>
<td>0.37</td>
<td>0.93</td>
<td>1.84</td>
<td>1.76</td>
<td>3.74</td>
<td>1.86</td>
<td>4.06</td>
<td>1.41</td>
<td>3.50</td>
<td>2.80</td>
<td>3.12</td>
<td>4.12</td>
<td>3.86</td>
<td>7.2</td>
<td>0.6</td>
</tr>
<tr>
<td>77C-203</td>
<td>1/2</td>
<td>0.50</td>
<td>1.15</td>
<td>2.31</td>
<td>1.79</td>
<td>3.74</td>
<td>1.89</td>
<td>4.06</td>
<td>1.44</td>
<td>3.50</td>
<td>2.83</td>
<td>3.12</td>
<td>4.12</td>
<td>3.89</td>
<td>15.5</td>
<td>0.6</td>
</tr>
<tr>
<td>77C-204</td>
<td>3/4</td>
<td>0.75</td>
<td>1.39</td>
<td>2.79</td>
<td>2.00</td>
<td>4.88</td>
<td>2.20</td>
<td>5.03</td>
<td>1.76</td>
<td>4.00</td>
<td>3.12</td>
<td>3.12</td>
<td>4.12</td>
<td>4.10</td>
<td>35.6</td>
<td>1.0</td>
</tr>
<tr>
<td>77C-205</td>
<td>1</td>
<td>1.00</td>
<td>1.69</td>
<td>3.38</td>
<td>2.19</td>
<td>4.88</td>
<td>2.39</td>
<td>5.03</td>
<td>1.96</td>
<td>4.00</td>
<td>3.32</td>
<td>3.12</td>
<td>4.12</td>
<td>4.29</td>
<td>68.1</td>
<td>1.6</td>
</tr>
<tr>
<td>77C-206</td>
<td>1-1/4</td>
<td>1.25</td>
<td>2.08</td>
<td>4.16</td>
<td>3.13</td>
<td>7.06</td>
<td>3.76</td>
<td>7.19</td>
<td>2.82</td>
<td>6.00</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>5.23</td>
<td>125.0</td>
<td>3.9</td>
</tr>
<tr>
<td>77C-207</td>
<td>1-1/2</td>
<td>1.50</td>
<td>2.33</td>
<td>4.66</td>
<td>3.29</td>
<td>7.06</td>
<td>3.92</td>
<td>7.19</td>
<td>2.98</td>
<td>6.00</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>5.39</td>
<td>177.0</td>
<td>5.8</td>
</tr>
<tr>
<td>77C-208</td>
<td>2</td>
<td>2.00</td>
<td>2.95</td>
<td>5.84</td>
<td>3.83</td>
<td>7.06</td>
<td>4.46</td>
<td>7.19</td>
<td>3.52</td>
<td>6.00</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>5.93</td>
<td>389.0</td>
<td>10.2</td>
</tr>
</tbody>
</table>

**Weights are based on standard configuration 77C-20X-01.