UltraPure™
A MILWAUKEE VALVE PRODUCT

UPBA100/100S ¼”-3”

MATERIAL LIST

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART</th>
<th>MATERIAL</th>
<th>ASTM SPEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Body</td>
<td>Cast Bronze</td>
<td>B584 C89833</td>
</tr>
<tr>
<td>2</td>
<td>Tailpiece</td>
<td>Cast Bronze</td>
<td>B584 C89833</td>
</tr>
<tr>
<td>3</td>
<td>Ball</td>
<td>Brass w/Hard Chrome Plating</td>
<td>B283 C27450 316 Stainless Steel (1) A276 S31600</td>
</tr>
<tr>
<td>4</td>
<td>Seat</td>
<td>RPTFE, 15% Glass filled</td>
<td>Commercial</td>
</tr>
<tr>
<td>5</td>
<td>Stem</td>
<td>Brass</td>
<td>B21 C46400 316 Stainless Steel (1)(2) A276 S31600</td>
</tr>
<tr>
<td>6</td>
<td>Thrust Washer</td>
<td>RPTFE, 25% Glass Filled</td>
<td>Commercial</td>
</tr>
<tr>
<td>7</td>
<td>Packing</td>
<td>PTFE</td>
<td>Commercial</td>
</tr>
<tr>
<td>8</td>
<td>Packing Nut</td>
<td>Brass</td>
<td>B16 C36000</td>
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<tr>
<td>9</td>
<td>Handle</td>
<td>Steel w/Zinc Plating</td>
<td>B633</td>
</tr>
<tr>
<td>10</td>
<td>Handle Grip</td>
<td>Vinyl</td>
<td>Commercial</td>
</tr>
<tr>
<td>11</td>
<td>Handle Nut</td>
<td>Steel w/Zinc Plating</td>
<td>B633</td>
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<tr>
<td>12</td>
<td>Body Seal</td>
<td>PTFE</td>
<td>Commercial</td>
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</tbody>
</table>

(1) Ball and stem are stainless for UPBA100S
(2) Ball and stem are stainless for 2 1/2” & 3” UPBA100

DIMENSIONS

<table>
<thead>
<tr>
<th>UNITS</th>
<th>1/4” DN6</th>
<th>3/8” DN10</th>
<th>1/2” DN15</th>
<th>3/4” DN20</th>
<th>1” DN25</th>
<th>1-1/4” DN32</th>
<th>1-1/2” DN40</th>
<th>2” DN50</th>
<th>2-1/2” DN65</th>
<th>3” DN80</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (DIA) INCHES</td>
<td>0.38</td>
<td>0.38</td>
<td>0.50</td>
<td>0.76</td>
<td>0.88</td>
<td>1.06</td>
<td>1.31</td>
<td>1.56</td>
<td>2.00</td>
<td>2.31</td>
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<tr>
<td>B INCHES</td>
<td>1.86</td>
<td>1.86</td>
<td>2.19</td>
<td>2.64</td>
<td>3.17</td>
<td>3.50</td>
<td>3.96</td>
<td>4.30</td>
<td>5.58</td>
<td>6.17</td>
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<tr>
<td>C INCHES</td>
<td>1.00</td>
<td>1.00</td>
<td>1.10</td>
<td>1.30</td>
<td>1.58</td>
<td>1.74</td>
<td>1.97</td>
<td>2.15</td>
<td>2.79</td>
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<td>D INCHES</td>
<td>1.78</td>
<td>1.81</td>
<td>1.91</td>
<td>2.08</td>
<td>2.25</td>
<td>2.66</td>
<td>2.84</td>
<td>3.00</td>
<td>3.44</td>
<td>3.84</td>
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<tr>
<td>E INCHES</td>
<td>3.81</td>
<td>3.81</td>
<td>3.81</td>
<td>4.56</td>
<td>4.56</td>
<td>6.31</td>
<td>6.31</td>
<td>7.19</td>
<td>7.19</td>
<td>7.19</td>
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<tr>
<td>F THREAD SIZE</td>
<td>1/4” NPT</td>
<td>3/8”NPT</td>
<td>1/2” NPT</td>
<td>3/4” NPT</td>
<td>1”NPT</td>
<td>1-1/4” NPT</td>
<td>1-1/2” NPT</td>
<td>2” NPT</td>
<td>2-1/2” NPT</td>
<td>3” NPT</td>
</tr>
<tr>
<td>Cv</td>
<td>7</td>
<td>7</td>
<td>13</td>
<td>30</td>
<td>38</td>
<td>61</td>
<td>87</td>
<td>121</td>
<td>228</td>
<td>305</td>
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</table>

Note: DN (Diameter Nominal) = Metric equivalent size.
“2-1/2” & 3” Only.

Note: Lead free refers to the wetted surface of the pipe, fittings and fixtures in potable water systems that have a weighted average lead content ≤0.25%. Source: California Health and Safety Code (116875).

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our installation, operation and maintenance manual and the most current product information go to www.milwauke valve.com.

⚠️ State of California Prop 65 WARNING: Cancer and Reproductive Harm. For more information visit www.p65warnings.ca.gov.