D138.PF

Bronze Check Valve

**Features & Benefits**

- Check valve complete with Press-Fit connectors
- Permits flow in one direction & automatically closes if flow reverses
- Supplied as one integral unit means less joints to make on-site
- The performance, exact dimensions & tolerances are known in advance
- Incorporates both Crane Fluid Systems and proven Geberit Mapress technology
- Vibration tested to DVGW and bend tested to BS EN 331
- Quickly and easily installed using a Press-Fit tool (supplied by others)

**Materials**

<table>
<thead>
<tr>
<th>NO.</th>
<th>COMPONENT</th>
<th>MATERIAL</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Body</td>
<td>Bronze</td>
<td>BS EN 1982 CC491K</td>
</tr>
<tr>
<td>2</td>
<td>Cap</td>
<td>Bronze</td>
<td>BS EN 1982 CC491K</td>
</tr>
<tr>
<td>3</td>
<td>Disc - 1/2&quot; - 1&quot;</td>
<td>Brass</td>
<td>BS EN12164 CW614N</td>
</tr>
<tr>
<td></td>
<td>Disc - 1/4&quot; - 2&quot;</td>
<td>Bronze</td>
<td>BS EN 1982 CC491K</td>
</tr>
<tr>
<td>4</td>
<td>Hinge</td>
<td>Bronze</td>
<td>BS EN 1982 CC491K</td>
</tr>
<tr>
<td>5</td>
<td>Hinge Pin</td>
<td>Stainless Steel</td>
<td>BS970 GR316S11</td>
</tr>
<tr>
<td>6</td>
<td>Hinge Nut</td>
<td>Brass</td>
<td>BS EN12164 CW614N</td>
</tr>
<tr>
<td>7</td>
<td>Press-Fit Connector</td>
<td>Bronze</td>
<td>BS EN 1982 CC499K</td>
</tr>
<tr>
<td>8</td>
<td>Joint 'O' Ring</td>
<td>EPDM Rubber</td>
<td>WRAS Approved</td>
</tr>
<tr>
<td>9</td>
<td>Connector 'O' Ring</td>
<td>CIIR Butyl Rubber</td>
<td>WRAS Approved</td>
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</tbody>
</table>

**Dimensions & Weights**

<table>
<thead>
<tr>
<th>SIZE (mm)</th>
<th>DIMENSIONS (mm)</th>
<th>WEIGHT (kg)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>1/2 x 15</td>
<td>59.5</td>
<td>33</td>
</tr>
<tr>
<td>1/2 x 18</td>
<td>59.5</td>
<td>38</td>
</tr>
<tr>
<td>3/4 x 22</td>
<td>68.0</td>
<td>42</td>
</tr>
<tr>
<td>1 x 28</td>
<td>81.5</td>
<td>49</td>
</tr>
<tr>
<td>11/4 x 35</td>
<td>93.2</td>
<td>56</td>
</tr>
<tr>
<td>11/2 x 42</td>
<td>98.3</td>
<td>65</td>
</tr>
<tr>
<td>2 x 54</td>
<td>110.6</td>
<td>76</td>
</tr>
</tbody>
</table>

**PRESSURE RATING:** PN16

**TEMPERATURE RANGE:** -10 to 120°C

**CRANE FS D171A.PF SPECIFICATION CLAUSE:** Bronze (BS 1982 CC491K) Check Valve, swing type to BS 5154 series B. Metal disk, free to rotate and hinge pin mounted. Screwed-in cap. Integral seat. Complete with Geberit Mapress bronze Press-Fit adaptors. Rated PN16, (Maximum temperature 120 deg C).