C Series
Centrifugal Pumps
1/3, 1 AND 1-1/2 HP

KEY FEATURES
• Rugged Design for Demanding Continuous Duty Service
• No Metal in Contact with Process Fluid
• Carbon/Ceramic Seals
• FPM Elastomers

OPTIONS
• Impeller Trim Variations
• PTFE/Ceramic Seals
• PTFE/Carpenter 20 Seals
• EPDM Elastomers
• Waterflushed Seals
• 575V Motors
• Washdown Motors

MATERIALS
• CPVC Cell Class 23447 per ASTM D1784
• GFPP Cell Class 85580 per ASTM D4101
• PVDF

TECHNICAL INFORMATION

SPECIFICATIONS

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>PUMP HEAD</td>
<td>CPVC, GFPP or PVDF Construction</td>
</tr>
<tr>
<td>PIPE CONNECTION</td>
<td>Threaded Connections</td>
</tr>
<tr>
<td>SHAFT</td>
<td>Stainless Steel Shaft with Non-Metallic Sleeve</td>
</tr>
<tr>
<td>SEAL</td>
<td>John Crane external Type 21 or equal carbon/ceramic seal faces with stainless steel hardware and FPM elastomers</td>
</tr>
<tr>
<td>PERFORMANCE</td>
<td>Flow rates from 5 to 83 GPM with TDH's up to 70 feet. Series C motors and pumps are matched for non-overloading, continuous duty performance throughout the entire pump performance range</td>
</tr>
<tr>
<td>MOTORS</td>
<td>Single or Three Phase Motors are available with 1/3, 1, 1-1/2 HP ratings, 115/230 VAC or 208-230/460 VAC, and are heavy-duty TEC, epoxy painted and rated for continuous duty service. Wash down and explosion proof motors available.</td>
</tr>
<tr>
<td>PUMP MODELS</td>
<td>CS 1/3, C7 1 and C8 1-1/2 HP</td>
</tr>
</tbody>
</table>
C Series
Centrifugal Pumps
1/3, 1 AND 1-1/2 HP

TECHNICAL INFORMATION, CONTINUED

DIMENSIONS

<table>
<thead>
<tr>
<th></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>INLET</th>
<th>DISCHARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>C5</td>
<td>8.63/219</td>
<td>8.17/208</td>
<td>5.72/145</td>
<td>2.25/57</td>
<td>5.03/128</td>
<td>6.58/167</td>
<td>5.55/141</td>
<td>N/A</td>
<td>3/4&quot; FNPT</td>
<td>1/2&quot; FNPT</td>
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<tr>
<td>C7</td>
<td>12.60/320</td>
<td>8.18/208</td>
<td>5.72/145</td>
<td>2.25/57</td>
<td>5.03/128</td>
<td>6.96/177</td>
<td>5.55/141</td>
<td>5.40/137</td>
<td>1&quot; FNPT</td>
<td>3/4&quot; FNPT</td>
</tr>
<tr>
<td>C8</td>
<td>13.41/341</td>
<td>8.17/208</td>
<td>5.72/145</td>
<td>2.25/57</td>
<td>2.03/52</td>
<td>6.96/177</td>
<td>5.73/146</td>
<td>5.94/151</td>
<td>1-1/4&quot; FNPT</td>
<td>1&quot; FNPT</td>
</tr>
</tbody>
</table>

Dimensions are subject to change without notice – consult factory for installation information.

PERFORMANCE CURVES

60Hz

50Hz

Contact Hayward Flow Control with questions: USA: 1-888-429-4635 • Fax: 1-888-778-8410 • One Hayward Industrial Drive • Clemmons, NC 27012 USA
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