Webster S Series Vertical Seal-Less Immersible Pumps
1/3, 1/2, 3/4, 1, 1-1/2, 3 AND 5 HP

KEY FEATURES
• Heavy Duty Design for Continuous Duty Service
• Seal-Less Design

OPTIONS
• Optional Inlet Screen and Extended Shaft
• In-Tank Filtration
• CPVC Inlet Screens
• Extended Shafts
• Impeller Trim Variations
• Explosion Proof Motors
• Washdown Motors
• 575V Motors
• EPDM Elastomers
• S-J Type Electrical Cord

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

TECHNICAL INFORMATION

SPECIFICATIONS

PUMP: .................................................. CPVC (1/8 – 5 HP)
       Natural PP (1/8 HP Only)
       GFPP (1/3 – 1-1/2 HP)
       PVDF (1/8 – 1-1/2 HP)

PIPE CONNECTIONS: ....................... Threaded NPT

FUME BARRIER: ......................... PTFE, Protects Motor and Bearings from Corrosion Damage

O-RINGS: .............................................. FPM

PERFORMANCE: ............................... Models for Flow Rates from 5 to 130 GPM with TDHs of up to 115 Feet. S-Series Motors and Pumps are Matched for Non-Overloading, Continuous Duty Performance Throughout the Entire Pump Performance Range.

MOTORS: .............................................. Single or Three Phase Motors are Available with 1/8, 1/3, 1/2, 1, 1-1/2, 3 and 5 Horsepower Ratings, 115/230 VAC or 208-230/460 VAC and are Heavy Duty TEFC, Epoxy Painted and Rated for Continuous Service. Also Available with Wash Down and Explosion Proof Motors.

MODELS WITH HP RATINGS: ........... S1 1/15 HP; S2 3/4 HP; S3 1-1/2 HP; S4 1/2 HP; S5 3/4 HP; S6 1 HP; S7 1-1/2 HP; SS8 1-1/2 HP; S12 3 HP; S16 5 HP
Webster S Series Vertical Seal-Less Immersible Pumps
1/3, 1/2, 3/4, 1, 1-1/2, 3 AND 5 HP

TECHNICAL INFORMATION, CONTINUED

S-SERIES DIAGRAM

S-SERIES 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>J</th>
<th>K</th>
<th>INLET</th>
<th>DISCHARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>5.30/135</td>
<td>10.89/277</td>
<td>.84/21</td>
<td>2.13/54</td>
<td>3.91/99</td>
<td>N/A</td>
<td>N/A</td>
<td>6.25/159</td>
<td>4.00/102</td>
<td>8.49/216</td>
<td>3/4&quot; MNPT</td>
<td>1/2&quot; FNPT</td>
</tr>
<tr>
<td>S2</td>
<td>8.68/220</td>
<td>13.28/337</td>
<td>1.16/29</td>
<td>2.25/57</td>
<td>6.58/167</td>
<td>5.55/141</td>
<td>N/A</td>
<td>N/A</td>
<td>10.86/276</td>
<td>1&quot; MNPT</td>
<td>3/4&quot; FNPT</td>
<td></td>
</tr>
<tr>
<td>S4</td>
<td>10.28/261</td>
<td>12.90/328</td>
<td>1.38/35</td>
<td>2.88/73</td>
<td>6.96/177</td>
<td>5.75/146</td>
<td>4.87/124</td>
<td>N/A</td>
<td>N/A</td>
<td>9.77/248</td>
<td>1-1/4&quot; MNPT</td>
<td>1&quot; FNPT</td>
</tr>
<tr>
<td>S5</td>
<td>9.52/242</td>
<td>12.90/328</td>
<td>1.38/35</td>
<td>2.88/73</td>
<td>6.96/177</td>
<td>5.75/146</td>
<td>4.87/124</td>
<td>N/A</td>
<td>N/A</td>
<td>9.77/248</td>
<td>1-1/4&quot; MNPT</td>
<td>1&quot; FNPT</td>
</tr>
<tr>
<td>S6</td>
<td>9.52/242</td>
<td>11.40/290</td>
<td>1.69/43</td>
<td>3.21/82</td>
<td>6.96/177</td>
<td>5.75/146</td>
<td>5.40/137</td>
<td>N/A</td>
<td>N/A</td>
<td>7.97/202</td>
<td>1-1/2&quot; MNPT</td>
<td>1-1/4&quot; FNPT</td>
</tr>
<tr>
<td>S7</td>
<td>12.60/320</td>
<td>11.40/290</td>
<td>1.69/43</td>
<td>3.21/82</td>
<td>6.96/177</td>
<td>5.75/146</td>
<td>5.40/137</td>
<td>N/A</td>
<td>N/A</td>
<td>7.97/202</td>
<td>1-1/2&quot; MNPT</td>
<td>1-1/4&quot; FNPT</td>
</tr>
<tr>
<td>S8</td>
<td>13.40/340</td>
<td>11.40/290</td>
<td>1.69/43</td>
<td>3.21/82</td>
<td>6.96/177</td>
<td>5.75/146</td>
<td>5.94/151</td>
<td>N/A</td>
<td>N/A</td>
<td>7.97/202</td>
<td>1-1/2&quot; MNPT</td>
<td>1-1/4&quot; FNPT</td>
</tr>
<tr>
<td>S8/S16</td>
<td>13.67/347</td>
<td>14.83/377</td>
<td>2.68/68</td>
<td>7.07/180</td>
<td>9.46/240</td>
<td>N/A</td>
<td>7.67/195</td>
<td>N/A</td>
<td>N/A</td>
<td>9.73/247</td>
<td>3&quot; SLIP</td>
<td>2&quot; FNPT</td>
</tr>
<tr>
<td>S0/S12</td>
<td>13.12/333</td>
<td>15.66/398</td>
<td>2.00/51</td>
<td>6.91/176</td>
<td>7.16/182</td>
<td>N/A</td>
<td>5.94/151</td>
<td>N/A</td>
<td>N/A</td>
<td>11.35/288</td>
<td>3&quot; SLIP</td>
<td>1-1/2&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: 1-888-429-4635 • Fax: 1-888-778-8410 • One Hayward Industrial Drive • Clemmons, NC 27012 • USA
Visit us at: www.haywardflowcontrol.com • E-mail: hflow@haywardnet.com