Submittal Data Information

0012 & 0013 3-Speed Cartridge Circulators

Effective: June 26, 2015
Supersedes: July 30, 2014

Submittal Data Information

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>MODEL NO.</th>
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</thead>
</table>

Features

- 3-Speed Switch
- Fine tune to system requirements
- Highest performance & starting torque in class
- Heavy-Duty construction for longer life
- Removable high-flow Integral Flow Check (IFC)
  - Prevents gravity flow
  - Reduces installation costs
  - Improves pump performance
- Replaceable cartridge design
- Quiet, efficient operation
- Self lubricating, no mechanical seal
- Wide range of applications
- Cast Iron or St. Steel, flanged construction

Materials of Construction

Casing: ..............Cast Iron or St. Steel
Integral Flow Check (IFC):
  Body, Plunger ..........Acetal
  O-ring Seal ..........EPDM
  Spring ..............Stainless Steel
Stator Housing: ............Aluminum
Cartridge ...............Stainless Steel
Impeller: ..............Non-Metallic
Shaft: ................Ceramic
Bearings: ..............Ceramic
O-Ring & Gaskets: ..........EPDM

Model Nomenclature

F – Cast Iron, Flanged
SS – Stainless Steel, Flanged
MS – Multi-Speed
IFC – Integral Flow Check

Performance Data

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<thead>
<tr>
<th></th>
<th>0012</th>
<th>0013</th>
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</thead>
<tbody>
<tr>
<td>Max. Flow (GPM)</td>
<td>45</td>
<td>30</td>
</tr>
<tr>
<td>Max. Head (FT)</td>
<td>15</td>
<td>30</td>
</tr>
<tr>
<td>Min. Fluid Temperature</td>
<td>40°F (4°C)</td>
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</tr>
<tr>
<td>Max. Fluid Temperature</td>
<td>210°F (98°C)</td>
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<tr>
<td>Max. Working Pressure</td>
<td>125 psi</td>
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<tr>
<td>Flanged Connection Sizes:</td>
<td>3/4&quot;, 1&quot;, 1-1/4&quot;, 1-1/2&quot;</td>
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Electrical Data

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<tr>
<th>Model</th>
<th>Volts</th>
<th>Hz</th>
<th>Ph</th>
<th>Amps</th>
<th>Watts Speed 1</th>
<th>Watts Speed 2</th>
<th>Watts Speed 3</th>
<th>RPM (Speed 3)</th>
<th>HP</th>
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<td>0012</td>
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<td>60</td>
<td>1</td>
<td>1.60</td>
<td>150</td>
<td>170</td>
<td>200</td>
<td>3250</td>
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<td>195</td>
<td>220</td>
<td>260</td>
<td>3250</td>
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</table>

Motor Type: Permanent Split Capacitor Thermally Protected

Certifications & Listings

UL US LISTED
FOR INDOOR USE ONLY
Low-Lead Compliant

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