Submittal Data Information

Model 007 Cartridge Circulator

Job: ___________________ Engineer: ___________________ Contractor: ___________________ Rep: ___________________

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>MODEL NO.</th>
<th>IMP. DIA.</th>
<th>G.P.M.</th>
<th>HEAD/FT.</th>
<th>H.P.</th>
<th>ELEC. CHAR.</th>
</tr>
</thead>
</table>

Features
- Standard High Capacity Output-Compact Design
- Quiet, Efficient Operation
- Direct Drive-Low Power Consumption
- Unique Replaceable Cartridge Design-Field Serviceable
- Self Lubricating
- No Mechanical Seal
- Unmatched Reliability-Maintenance Free
- Universal Flange to Flange Dimensions
- Cast Iron or Stainless Steel Construction

Application
The Taco 007 is a cartridge style, maintenance free, wet-rotor, in-line, single stage circulator pump. It is designed for quiet operation in Hydronic heating, Radiant heating, Hydro-Air fan coils, Indirect water heaters, Chilled fresh water, and Domestic Water Recirculation systems. Available in Cast Iron or Stainless Steel construction with universal flanged connections. The unique replaceable cartridge contains all of the moving parts and allows the circulator to be easily serviced instead of replacing the entire unit. Ideal for a wide range of applications.

Pump Dimensions & Weights

<table>
<thead>
<tr>
<th>Models</th>
<th>Casing</th>
<th>Flange Type</th>
<th>A (in)</th>
<th>B (in)</th>
<th>C (mm)</th>
<th>D (in)</th>
<th>F (mm)</th>
<th>G (mm)</th>
<th>Ship Wt. (lbs)</th>
<th>Ship Wt. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>007-FS</td>
<td>Cast Iron</td>
<td>S</td>
<td>6-3/8</td>
<td>162</td>
<td>4-1/2</td>
<td>114</td>
<td>3-3/16</td>
<td>81</td>
<td>3-15/16</td>
<td>75</td>
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<tr>
<td>007-SFS</td>
<td>St. Steel</td>
<td>S</td>
<td>6-3/8</td>
<td>162</td>
<td>4-1/2</td>
<td>114</td>
<td>3-3/16</td>
<td>81</td>
<td>3-15/16</td>
<td>75</td>
</tr>
</tbody>
</table>

Materials of Construction
Casing (Volute): Cast Iron or Stainless Steel
Stator Housing: Steel
Cartridge: Stainless Steel
Impeller: Non-Metallic
Shaft: Ceramic
Bearings: Carbon
O-Ring & Gaskets: EPDM

Electrical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Volts</th>
<th>Hz</th>
<th>Ph</th>
<th>Amps</th>
<th>RPM</th>
<th>HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cast Iron</td>
<td>115</td>
<td>60</td>
<td>1</td>
<td>74</td>
<td>3250</td>
<td>1/25</td>
</tr>
<tr>
<td>St. Steel</td>
<td>115</td>
<td>60</td>
<td>1</td>
<td>76</td>
<td>3250</td>
<td>1/25</td>
</tr>
</tbody>
</table>

Motor Type
- Permanent Split Capacitor
- Impedance Protected

Motor Options
- 220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1

Performance Field - 60Hz

Certifications & Listings
- UL Listed FOR INDOOR USE ONLY
- NSF Low Lead Compliant

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