Vigicor Drainage

Submersible pump for waste water with solids in suspension, grinder system

Applications
Evacuation, transfer and emptying of waste water with solids in suspension.

Materials
Pump body in AISI 304.
Pump shaft in AISI 420.
Suction and discharge in cast iron.
Impeller in technopolymer reinforced with steel.
Grinder blade in stainless steel.
Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment
Float switch and 10m of cable without plug.
Internal capacitor.

Motor
Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations
Maximum water temperature: 40°C.
Maximum submersion: 7m.

Hydraulic performance table

<table>
<thead>
<tr>
<th>Model</th>
<th>I  [A]</th>
<th>P1 [kW]</th>
<th>P2 [kW]</th>
<th>c [µF]</th>
<th>l/min 30</th>
<th>l/min 60</th>
<th>l/min 90</th>
<th>l/min 120</th>
<th>l/min 150</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vigicor 150</td>
<td>6.5</td>
<td>1.3</td>
<td>0.9</td>
<td>1.2</td>
<td>16</td>
<td>18.5</td>
<td>17</td>
<td>14.5</td>
<td>10.9</td>
<td>6.5</td>
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</tbody>
</table>

Performance curve at 3450 rpm

Dimension and weight

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>Kg</th>
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<td>Vigicor 150</td>
<td>396</td>
<td>471</td>
<td>148</td>
<td>151</td>
<td>57</td>
<td>191</td>
<td>1 1/4&quot;</td>
<td>15.5</td>
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