Vigila 100 Drainage

Portable submersible pump for waste water

Applications
Evacuation, transfer and emptying of waste water and emptying of swimming pools.

Materials
Pump in technopolymer.
Pump shaft in AISI 420.
Impeller in technopolymer.
Lip seal.
O-rings in NBR/EPDM.

Equipment
Float switch and 5m 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 solids passage: Ø 5mm.
Maximum submersion: 2m.

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</th>
<th>10</th>
<th>20</th>
<th>40</th>
<th>60</th>
<th>80</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1~115V</td>
<td>1~220V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vigila</td>
<td>2.2</td>
<td>3</td>
<td>0.22</td>
<td>0.13</td>
<td>0.15</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12 / 6</td>
</tr>
<tr>
<td></td>
<td>1~</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Motor data

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

Limitations
- Maximum water temperature: 40°C.
- Maximum solids passage: Ø 5mm.
- Maximum submersion: 2m.

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>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vigila</td>
<td>272</td>
<td>159</td>
<td>27</td>
<td>1/2&quot;</td>
<td>4</td>
</tr>
</tbody>
</table>
Vigila 350 Drainage

Portable submersible pump for waste water

Applications
Evacuation, transfer and emptying of waste water and emptying of swimming pools.

Materials
Pump in technopolymer.
Pump shaft in AISI 420.
Impeller in technopolymer.
Lip seal.
O-rings in NBR/EPDM.

Equipment
Float switch and 5m 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 solids passage: Ø 10mm.
Maximum submersion: 2m.

Hydraulic performance table

<table>
<thead>
<tr>
<th>Model</th>
<th>1 [A]</th>
<th>P1 [kW]</th>
<th>P2 [µF]</th>
<th>P3 [l/min]</th>
<th>40 [m³/h]</th>
<th>80 [m³/h]</th>
<th>120 [m³/h]</th>
<th>160 [m³/h]</th>
<th>200 [m³/h]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vigila 350</td>
<td>7,1</td>
<td>3,5</td>
<td>0,75</td>
<td>0,6</td>
<td>2,4</td>
<td>4,8</td>
<td>7,2</td>
<td>9,6</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>1~115V</th>
<th>1~220V</th>
</tr>
</thead>
<tbody>
<tr>
<td>1~115V</td>
<td>1</td>
<td>1~220V</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimension and weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>Vigila 350</td>
</tr>
</tbody>
</table>

Performance curve at 3450 rpm

Dimension and weight
Vigilex 600 Drainage

Portable submersible pump for waste water with solids in suspension, vortex system

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

Materials
Pump in technopolymer.
Pump shaft in AISI 420.
Impeller in technopolymer.
Lip seal.
O-rings in NBR/EPDM.

Equipment
Float switch and 5m 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 solids passage: Ø 25mm.
Maximum submersion: 2m.

Hydraulic performance table

<table>
<thead>
<tr>
<th>Model</th>
<th>I (A)</th>
<th>P1 (kW)</th>
<th>P2</th>
<th>C (µF)</th>
<th>l/min</th>
<th>20</th>
<th>50</th>
<th>100</th>
<th>150</th>
<th>200</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vigilex 600</td>
<td>8,5</td>
<td>4</td>
<td>0,9</td>
<td>0,5</td>
<td>0,7</td>
<td>32/10</td>
<td>7,4</td>
<td>7</td>
<td>5,6</td>
<td>4</td>
<td>2</td>
</tr>
</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>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vigilex 600</td>
<td>59</td>
<td>408</td>
<td>1-3/4</td>
<td>214</td>
<td>391</td>
<td>201</td>
<td>6,7</td>
</tr>
</tbody>
</table>