Vigilex SS Drainage

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 body in AISI 304.
- Pump shaft in AISI 420.
- Suction in technopolymer.
- Impeller in technopolymer reinforced with 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 solids passage: Ø 35mm.
- Maximum submersion: 7m.

Hydraulic performance table

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1~220V</td>
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<tr>
<td>Vigilex SS 850</td>
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<td>0,37</td>
<td>0,5</td>
<td>12</td>
<td>7</td>
<td>5,2</td>
<td>3,5</td>
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<td>1,1</td>
<td>0,75</td>
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<td>10</td>
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<td>4</td>
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Performance curve at 3450 rpm

Dimension and weight

<table>
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<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Kg</th>
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<tbody>
<tr>
<td>Vigilex SS 850</td>
<td>435</td>
<td>479</td>
<td>224</td>
<td>1 1/2”</td>
<td>11,1</td>
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<tr>
<td>Vigilex SS 1100</td>
<td>455</td>
<td>499</td>
<td>224</td>
<td>1 1/2”</td>
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