Acuapres S Booster

Automatic submersible monoblock centrifugal multistage pump for water supply

Applications
Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.
Starting pressure: 2 bar.

Materials
Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment
Built-in check valve.
15m of cable without plug.
External capacitor.
Kit Press included.
Dry-protection function.
Automatic reset function.

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

Limitations
Maximum water temperature: 40°C.
Maximum submersion: 12m.

Operation
Automatic start and stop based on water demand.

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>70</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acuapres 07S 4</td>
<td>6.6</td>
<td>1.4</td>
<td>0.9</td>
<td>1.2</td>
<td>16</td>
<td>0.6</td>
<td>1.2</td>
<td>2.4</td>
<td>3.6</td>
<td>4.2</td>
<td>1~220V</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>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acuapres 07S 4</td>
<td>522</td>
<td>125</td>
<td>1”</td>
<td>12.4</td>
</tr>
</tbody>
</table>