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.

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

**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~ 230V</th>
<th>P1 [kW]</th>
<th>P2</th>
<th>C [µF]</th>
<th>Q/10</th>
<th>Q/20</th>
<th>Q/30</th>
<th>Q/40</th>
<th>Q/50</th>
<th>Q/60</th>
<th>Q/65</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acuapres 07S 4</td>
<td>4</td>
<td>0,8</td>
<td>0,55</td>
<td>0,75</td>
<td>12</td>
<td>41</td>
<td>37</td>
<td>32</td>
<td>26</td>
<td>19</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>Acuapres 07S 6</td>
<td>6,2</td>
<td>1,2</td>
<td>0,9</td>
<td>1,2</td>
<td>12</td>
<td>60</td>
<td>55</td>
<td>47</td>
<td>37</td>
<td>26</td>
<td>15</td>
<td>9</td>
</tr>
</tbody>
</table>

**Performance curve at 2900 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>502</td>
<td>125</td>
<td>1&quot;</td>
<td>10,6</td>
</tr>
<tr>
<td>Acuapres 07S 6</td>
<td>569</td>
<td>125</td>
<td>1&quot;</td>
<td>12,4</td>
</tr>
</tbody>
</table>

**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.
Internal capacitor.
Kit Press included.
Dry-protection function.
Automatic reset function.
Acuaplus S Booster

Automatic submersible monoblock centrifugal multistage pump with variable speed for water supply

Applications
Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.
Adjustable working pressure range from 1.5 to 4 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.

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

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

Operation
Self-adjustable speed to maintain the constant pressure and flow that apartment, building or installation demand at every moment.

Hydraulic performance table

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acuaplus S</td>
<td>1~230V</td>
<td>6,7</td>
<td>1</td>
<td>0,75</td>
<td>1</td>
<td>12 mwc</td>
<td>40</td>
</tr>
</tbody>
</table>

Performance curve

<table>
<thead>
<tr>
<th>Dimension and weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>Acuaplus S</td>
</tr>
</tbody>
</table>

Equipment
Built-in check valve.
15m of cable with plug type F.
Internal capacitor.
Variable frequency drive, pressure sensor, Kit Press and pressure gauge included.
Dry-protection function.
Automatic reset function.