Submersible pump with vortex impeller able to handle soft and fibrous solids with 50 mm sphere clearance. All stainless steel construction, with double mechanical seal in oil bath.

**Specifications**
- Submersible pump with vortex impeller
- Maximum solids handling: 50 mm
- Maximum liquid temperature: 40 °C
- Maximum submergence: 10 m

**Materials**
- Pump casing: 304 Stainless Steel
- Impeller: 304 Stainless Steel
- Casing cover: 304 Stainless Steel
- Shaft: 303 Stainless Steel
- Seal Cover: 304 Stainless Steel
- Mechanical seal: Double mechanical seal in oil lubricated chamber, Silicon Carbide lower faces, Carbon/Ceramic upper faces.

**Motor Data**
- Air filled, dry submersible, 2 pole, 50 Hz
- Insulation class F
- IP68 protection
- 3 Phase - 400 Volt, 1 Phase - 230 Volt
- In built overload protection for 1 Phase

**Range**
- 50 mm Ø discharge
- 0.55 to 1.5 kW
- Single phase (up to 1.1 kW), automatic or manual versions
- Three phase, manual version only

**Supply**
- 10 m of cable (without plug)

**Accessories**
- Quick Discharge Connector (QDC) available

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**Performance Curve**
Synchronous Speed: 3000 rpm
Water temp: 20 °C
Applicable standard of test: ISO 9906 Annex A

**Model Code**
- DW VOX 150 M
- DW VOX 100 MA
- DW VOX 200

**Performance Table**

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>Motor Output</th>
<th>Discharge Ø mm</th>
<th>Full Load Current 1 Phase 230 V</th>
<th>Full Load Current 3 Phase 400 V</th>
<th>Capacitor (1 Phase models only)</th>
<th>Capacity - lpm</th>
<th>Total Head - m</th>
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<tbody>
<tr>
<td>DW VOX 75</td>
<td>0.55 kW</td>
<td>50 mm</td>
<td>3.9 A</td>
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<td>20 µF</td>
<td>7.3</td>
<td>4.2</td>
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<tr>
<td>DW VOX 100</td>
<td>0.75 kW</td>
<td>50 mm</td>
<td>5.9 A</td>
<td>2.1 A</td>
<td>25 µF</td>
<td>9.0</td>
<td>6.2</td>
</tr>
<tr>
<td>DW VOX 150</td>
<td>1.1 kW</td>
<td>50 mm</td>
<td>7.3 A</td>
<td>2.8 A</td>
<td>31.5 µF</td>
<td>11.4</td>
<td>7.9</td>
</tr>
<tr>
<td>DW VOX 200</td>
<td>1.5 kW</td>
<td>50 mm</td>
<td>—</td>
<td>3.6 A</td>
<td>3.5 µF</td>
<td>13.8</td>
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### Dimensions

**Model: DW VOX**

Units: mm unless otherwise specified

<table>
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<tr>
<th>Pump Model</th>
<th>Dimensions H (1)</th>
<th>Dimensions H (2)</th>
<th>Approx. Weight kg</th>
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<tbody>
<tr>
<td>DW VOX 75</td>
<td>485</td>
<td>485</td>
<td>12</td>
</tr>
<tr>
<td>DW VOX 100</td>
<td>515</td>
<td>485</td>
<td>13</td>
</tr>
<tr>
<td>DW VOX 150</td>
<td>515</td>
<td>515</td>
<td>14</td>
</tr>
<tr>
<td>DW VOX 200</td>
<td></td>
<td>515</td>
<td>14</td>
</tr>
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</table>

- (1) single phase
- (2) three phase

Minimum sump dimensions for automatic pumps:

- Minimum 500 mm

Specifications subject to change without notice