End of Disclaimer text.
Technical specification
Submersible pump B 2066, 50 Hz
**Product**
Submersible pump for dewatering building yards, draining water in flooded areas, and other similar applications. The pump can handle water containing relatively abrasive solids.

**Denomination**
Product code 2066.171
Installation S
Impeller characteristics MT, HT

**Process data**
Liquid temperature max +40 °C
Depth of immersion max 20 m
The pH of the pumped liquid pH 5 - 8
Liquid density max 1100 kg/m³
Strainer hole size 7 mm x 21 mm

**Motor data**
Frequency 50 Hz
Insulation class H (+180 °C)
Voltage variation max ± 5%
- continuously running
max ± 10%
- intermittent running
max 2%
max 30
No. of starts/hour

**Cable**
Direct-on-line
- SUBCAB® 4G1.5 mm²
- 4G1.5+2x1.5 mm²
- 4G2.5 mm²
- 4G2.5+2x1.5 mm²

**Monitoring equipment**
Thermal contacts opening temperature 125 °C

**Material**
Impeller Alloyed white cast iron
Wear parts Nitrile rubber
Stator housing Aluminium
Strainer Steel
Shaft Stainless steel
O-rings Nitrile rubber

**Mechanical face seals**

<table>
<thead>
<tr>
<th>Alternative</th>
<th>Inner seal</th>
<th>Outer seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Corrosion resistant cemented carbide</td>
<td>Corrosion resistant cemented carbide</td>
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</tr>
</tbody>
</table>

**Surface Treatment**
The pump is sprayed with one layer of aluminium paint. The top is sprayed with blue paint.

**Weight**
See dimensional drawing.

**Option**
Polyurethane-lined wear parts POLY-LIFE®
Impeller (MT) Stainless steel
Warm liquid version on request
Starters
Slim line version
Slim line version with coupling B
Plug contact 3-phase
Other cables
Zinc anodes
Tandem connection

**Accessories**
Adapters, hose connections and other mechanical accessories.
Electrical accessories such as pump controller, control panels, starters, monitoring relays, cables.
See separate booklet or www.flygt.com, for further information.
MT-Motor rating and performance curve

<table>
<thead>
<tr>
<th>Curve/Impeller No</th>
<th>Rated Power, kW</th>
<th>Rated current, A</th>
<th>Starting current, A</th>
<th>Power factor cos ϕ</th>
</tr>
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<tbody>
<tr>
<td>231</td>
<td>2.2</td>
<td>4.5</td>
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400 V, 50 Hz, 3 ~, 2840 r/min

HT-Motor rating and performance curve

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400 V, 50 Hz, 3 ~, 2840 r/min
Dimensional drawing

All drawings are available as Acrobat documents (.pdf) and AutoCad drawings (.dwg). Download the drawings from www.flygt.com or contact your ITT Flygt representative for more information.

All dimensions are in mm.

MT/HT, S-installation

MT/HT, S-installation