For decades whenever a dewatering challenge seemed too tough or too harsh, the answer has been simple, Flygt BIBO. So how do you improve upon a legend? Simple, we created a new one.

It still has the iconic look; a shape that means stability and robustness. We took our proven hydraulic design and merged it with features that once set the standard in dewatering pumping. For mining, quarrying, construction and tunneling, Flygt BIBO, still a choice you never regret.
Performance

<table>
<thead>
<tr>
<th>H m</th>
<th>ft</th>
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<tr>
<td>100</td>
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</tbody>
</table>

HT: High head
MT: Medium head
B: Wear resistant impeller

Denomination

Product code  2870.180
Installation  Portable
Discharge connection  4”/6”
Impeller characteristics  High head/medium head (HT/MT) Wear resistant impeller (B) with Dura-Spin™

Process data

Liquid temperature  max 104°F (40°C), standard
Depth of immersion  max 65 feet (20 m)
Liquid density  9.2 lb. per US gal. (1100 kg/m3)
Strainer hole dimension  ø 0.47” (12.0 mm)
The pH of the pumped liquid  pH 5-8

Motor data

Frequency  60 Hz
Insulation class  H, 360°F (180°C)
Voltage variation  max ± 10% – continuously running
max ± 10% – intermittent running
Voltage imbalance  max 2% - between phases
max 30 - No. of starts/hour

Monitoring equipment

Thermal contacts  284°F (140°C)

Cables

SUBCAB®  SUBCAB® Submersible cable

Materials

Outer casing  Aluminium
Impeller  Hard-Iron®
Wear parts  PolyLife/Nitrile rubber/Hard-Iron®
Stator housing  Aluminium
Strainer  Stainless steel
Shaft  Stainless steel
O-rings  Nitrile rubber
Discharge connection  Aluminium

Mechanical face seals

Inner Active Seal™  Tungsten Carbide/Tungsten carbide
Outer  Tungsten carbide/Tungsten carbide

Weight and dimensions

Weight (excl. cable)  276 lbs. (154 Kg)
Height  39” (991 mm)
Width  ø 19.7” (500 mm)

Options

Warm liquid version  Warm liquid version max 158°F (70°C)
Quick couplings
Starters

Accessories

Tandem connections, hose connections. Electrical accessories such as pump controllers, control panels and monitoring relays. Zink anodes.