



# ITT



## 2670 dewatering pump



### Designed without compromise

The new 2600 series from Flygt represents a major breakthrough in dewatering pump technology. Radically engineered from the ground up, these robust pumps deliver unmatched wear resistance, consistent performance over time, and ease of service. The result is lower overall cost of ownership.

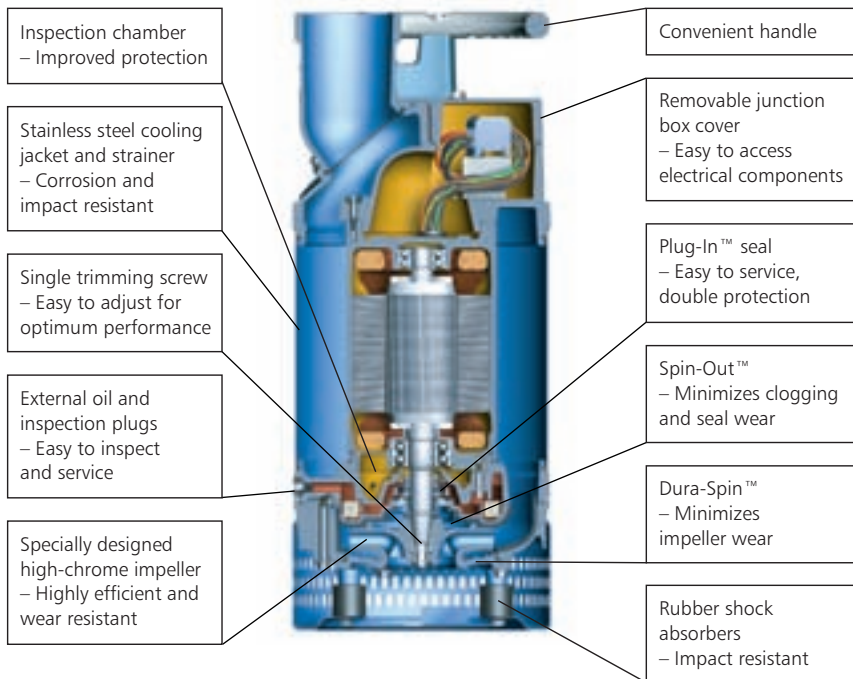
The largest pump in the range, the 2670 has the power to take on the toughest challenges. Its patented Dura-Spin™ hydraulic system and newly designed high-chrome cast iron impeller significantly improve wear resistance and sustain performance over time. It's easy to adjust the impeller for optimum performance, with just one trimming screw.

Cutting-edge design with fewer components makes this pump simple and quick to maintain. A removable top cover gives effortless access to the junction box, and external oil and inspection plugs facilitate maintenance. The inspection chamber improves protection and extends service intervals. The unique one-piece Plug-In™ seal provides superior protection and is easy to replace.

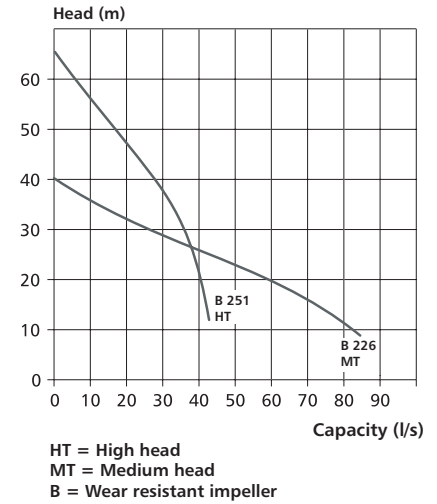


This advanced technology is backed by Flygt's outstanding support and worldwide presence. Operating in over 130 countries, we bring many years of experience to bear in order to keep your business moving.

*Engineered for life*



**Performance**



**Dimensions**

Height	955 mm
Diameter	395 mm

**2670.180**

Submersible pump for dewatering of construction sites, mines, draining of flooded areas and other similar applications where the liquid may contain abrasive particles.

**Denomination**

Product code	2670.180
Installation	Portable
Impeller characteristics	Medium head (B 226, MT) High head (B 251, MT)
Discharge connection	6", 4"

**Process data**

Liquid temperature	max +40°C
Depth of immersion	max 20 m
Liquid density	max 1100 kg/m <sup>3</sup>
Strainer hole size	20 mm x 10 mm
The pH of the pumped liquid	pH 5-8

**Motor data**

Squirrel cage 3-phase induction motor	
Frequency	50 Hz
Insulation class	H (+180°C)
Voltage variation	
- continuous running	max ± 5%
- intermittent running	max ± 10%
Voltage imbalance between phases	max 2%
No. of starts/hour	max 30

**Cables**

SUBCAB®	Submersible cable
NSSHÖU	Heavy-duty rubber submersible cable

**Monitoring equipment**

Thermal contacts opening temperature	+140°C
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**Materials**

Outer casing	Stainless steel
Impeller	High-chrome alloyed white cast iron
Wear parts	Nitrile rubber, high chrome cast iron
Stator housing	Cast iron
Strainer	Stainless steel
Shaft	Stainless steel
O-rings	Nitrile rubber

**Mechanical face seals**

Inner	Tungsten carbide
Outer	Tungsten carbide

**Weight**

Total (excl. cable)	140 kg
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**Options**

Warm liquid version	max +70°C
Quick couplings	6", 4"
Starters	
Zinc anodes	

**Accessories**

Adapters, hose connections and other mechanical accessories. Electrical accessories such as pump controller, control panels and monitoring relays.

**Rating**

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Rated output	18 kW
Speed of rotation	2890 rpm

Voltage V	Rated current A	Starting current A
220 D	58	355
230 D	56	370
380 D	34	239
400 D	32	213
415 D	32	222
500 D	26	187
550 D	24	162
660 Y	20	138
690 Y	19	123
1000 Y	14	99

