



ITT

Flygt 2670 dewatering pump



Designed without compromise

The Flygt 2600 series 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 Flygt 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 adjustment screw.

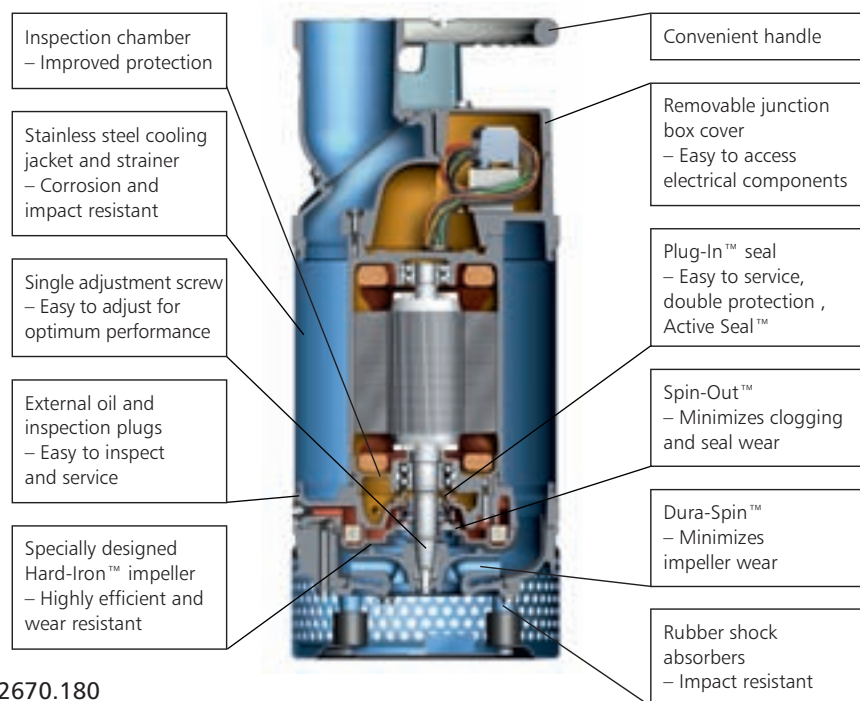
Cutting-edge design with fewer components makes this pump simple and quick to maintain. A removable top cover gives effortless access to the junction box, and external oil and inspection plugs facilitate maintenance. The inspection chamber improves protection and extends service intervals. The unique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

This advanced technology is backed by our outstanding support and worldwide presence. Operating in over 140 countries, we bring many years of experience to bear in order to keep your business moving.

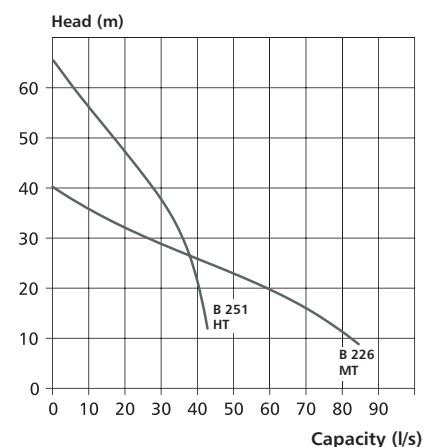
Engineered for life

Flygt 2670.180

50Hz



Performance



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

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 ³
Strainer hole dimension	12 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
SUBCAB® Screened	Heavy-duty rubber submersible cable

Monitoring equipment

Thermal contacts opening temperature	+140°C
--------------------------------------	--------

Materials

Outer casing	Stainless steel
Impeller	Hard-Iron™
Wear parts	Nitrile rubber, Hard-Iron™
Stator housing	Cast iron
Strainer	Stainless steel
Shaft	Stainless steel
O-rings	Nitrile rubber

Mechanical face seals

Inner Active Seal™	Tungsten carbide
Outer	Tungsten carbide

Weight

Total (excl. cable)	140 kg
---------------------	--------

Dimensions

Height	955 mm
Diameter	395 mm

Options

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

Accessories

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

Rating

3~	
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

Environmental Product Declaration

EPD-declared product

