



# ITT



## 2640 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.

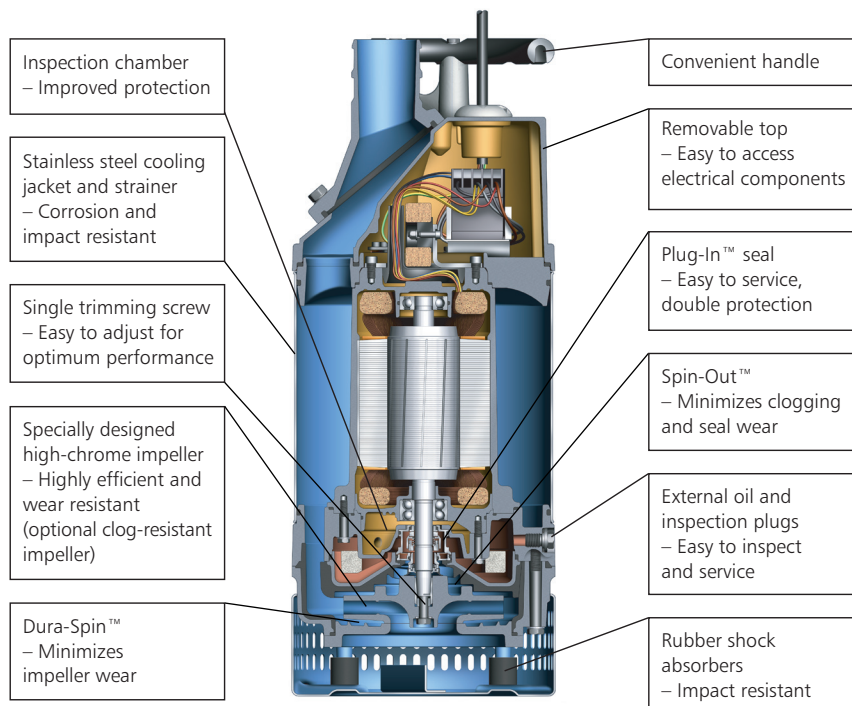
When you need a portable pump with extra performance, the 2640 fits the bill. Its patented Dura-Spin™ hydraulic system and newly designed high-chrome cast iron impeller significantly improve wear resistance and sustain performance over time. It's easy to adjust the impeller for optimum performance, with just one trimming screw.

Cutting-edge design with fewer components makes this pump simple and quick to maintain. A removable top 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.

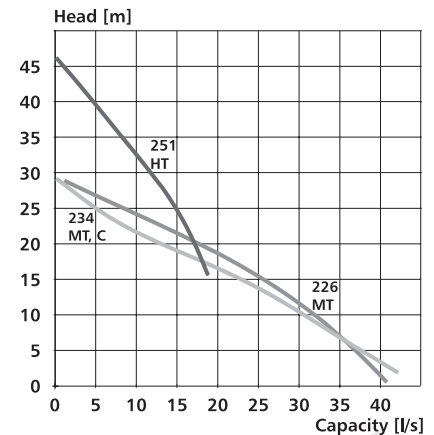


This advanced technology is backed by Flygt's outstanding support and worldwide presence. Operating in over 130 countries, we bring many years of experience to bear in order to keep your business moving.

*Engineered for life*



### Performance



### Dimensions

Height	758 mm
Diameter	286 mm

### Options

Warm liquid version	max +70°C
Quick couplings 4", 3"	
Starters	
Zinc anodes	
Clog-resistant impeller	

### Accessories

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

### Rating

3~	
Rated output	5.6 kW
Speed of rotation	2896 rpm

Voltage V	Rated current A	Starting current A
220 D	18.9	6.5
230 D	18.6	7.0
240 D	18.9	7.2
380 D	11.0	6.7
400 D	11.0	7.1
415 D	10.1	6.6
440 D	10.2	7.0
500 D	8.7	6.8
550 D	8.2	7.0
660 Y	6.4	6.7
690 Y	6.3	7.1
1000 Y	4.3	6.8

### 2640.180

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	2640.180
Installation	Portable
Impeller characteristics	
Medium head (MT, 226)	
High head (HT, 251)	
Optional clog-resistant impeller (MT, 234)	
Discharge connection	4", 3"

### 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	8 mm x 18 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

### Materials

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

### Mechanical face seals

Inner	Tungsten carbide
Outer	Tungsten carbide

### Weight

Total (excl. cable)	51 kg
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