



ITT

# Flygt 2610 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 smallest pump in the range, the Flygt 2610 delivers impressive performance for smaller-scale applications. Its open impeller design minimizes clogging, giving significantly improved wear resistance and sustained performance over time. It's easy to adjust the impeller for optimum performance, with just one adjustment screw.

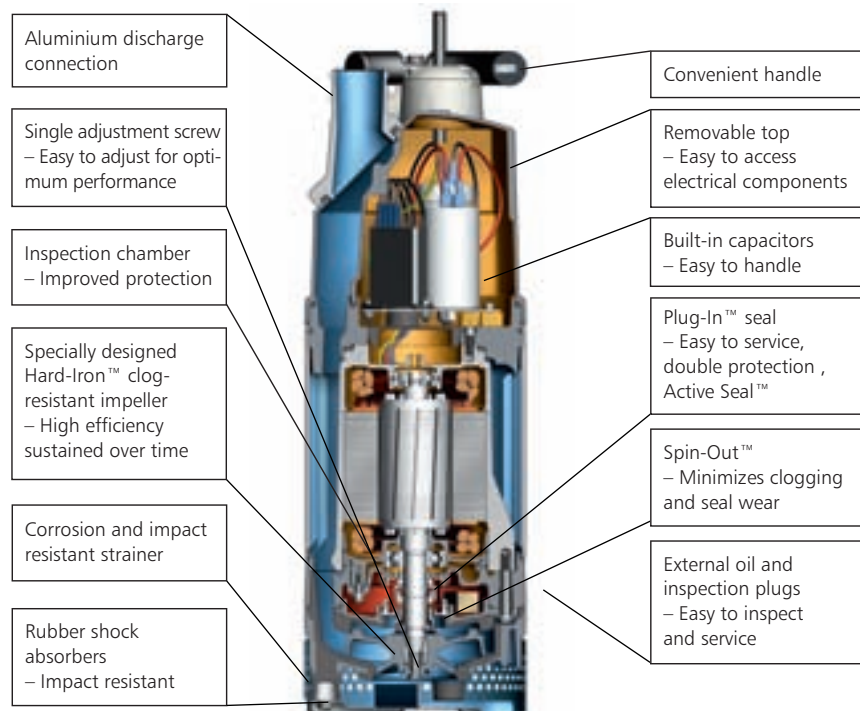
Cutting-edge design with fewer components makes this pump simple and quick to maintain. A removable top gives effortless access to the junction box, and external oil and inspection plugs facilitate maintenance. The inspection chamber improves protection and extends service intervals. The unique one-piece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

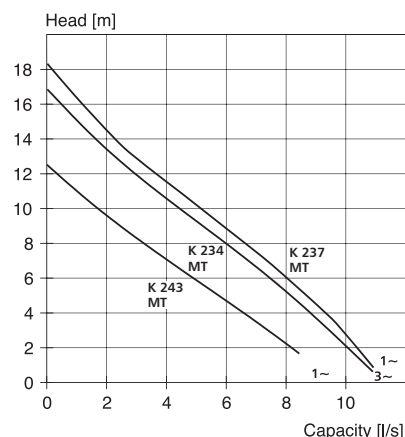
*Engineered for life*

# Flygt 2610.171

50Hz



## Performance



K= Clog-resistant

2610.05.Eng.03.10 896176 Trosa Tryckeri AB 11084

## 2610.171

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	2610.171
Installation	Portable
Impeller characteristics	Medium head (MT), Clog resistant (K)
Discharge connection	2"

## Process data

Liquid temperature	max +40°C
Depth of immersion	max 20 m
Liquid density	max 1100 kg/m <sup>3</sup>
Strainer hole dimension	7.5 mm
The pH of the pumped liquid	pH 5-8

## Motor data

Squirrel cage 1-phase and 3-phase induction motor	
Frequency	50 Hz
Insulation class	F (+155°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®	Subm & b e d e
SUBCAB® Screened	Heavy duty rubber submersible cable

## Monitoring equipment

Thermal contacts opening temperature	+125°C
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## Materials

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

## Mechanical face seals

Inner Active Seal™	Tungsten carbide/Ceramic
Outer	Tungsten carbide

## Weight

Total (excl. cable)	
1~ 0.85 kW	19 kg
1~ 1.3 kW	22 kg
3~	19 kg

## Dimensions

Height	594 mm
Diameter	195 mm

## Options

Warm liquid version max	+70°C
Quick couplings	2"
Starters	
Zinc anodes	
Low suction collar	

## Accessories

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

## Rating

1~, 3~	
Speed of rotation	1~ 0.85 kW 2785 rpm
	1~ 1.3 kW 2860 rpm
	3~ 1.2 kW 2740 rpm

phases/rated output kW:	Voltage V	Rated current A	Starting current A
1~ 0.85	110	11	38
1~ 0.85	220	5.3	19
1~ 0.85	230	5.1	20
1~ 1.30	240	5.1	21
1~ 1.30	220	7.4	31
1~ 1.30	230	7.2	32
1~ 1.30	240	7.2	34
3~ 1.20	220 D	4.8	20
3~ 1.20	230 D	4.7	21
3~ 1.20	380 Y	2.8	12
3~ 1.20	400 Y	2.7	12
3~ 1.20	415 Y	2.7	13
3~ 1.20	500 Y	2.1	9
3~ 1.20	550 Y	2.1	10

## Environmental Product Declaration

EPD-declared product

