



ITT



2620 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.

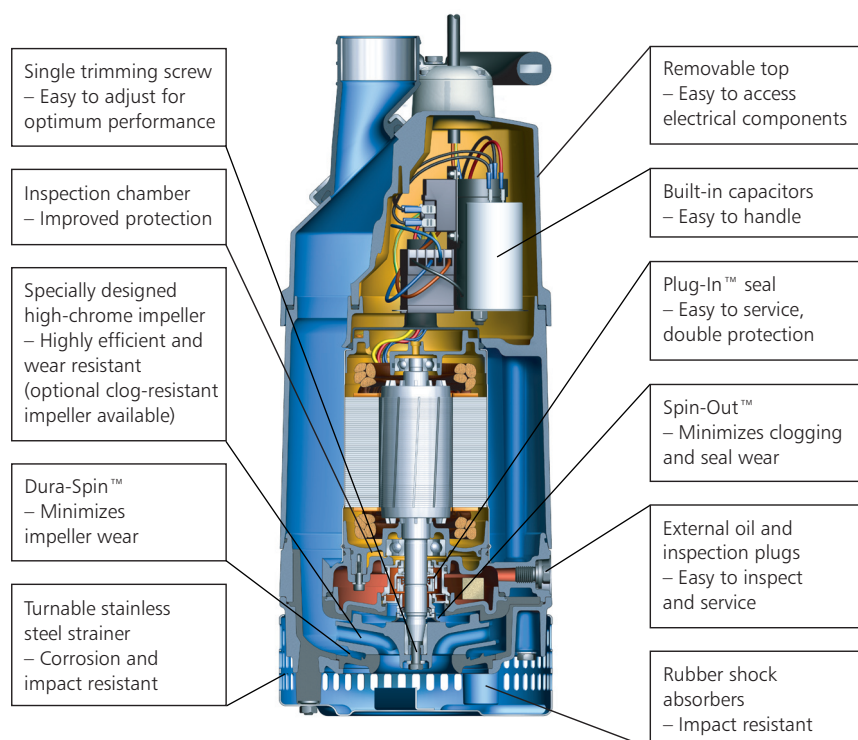
The 2620 is convenient to maneuver and features an ergonomic rubber handle. Its patented Dura-Spin™ hydraulic system and newly designed high-chrome cast iron impeller significantly improve wear resistance and sustain performance over time. It's easy to adjust the impeller for optimum performance, with 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.

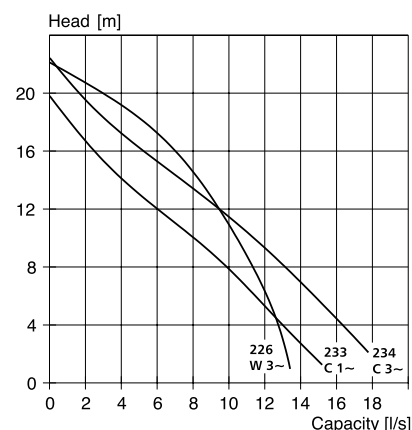


This advanced technology is backed by Flygt's outstanding support and worldwide presence. Operating in over 130 countries, we bring many years of experience to bear in order to keep your business moving.

Engineered for life



Performance



W = Wear resistant impeller
C = Clog-resistant impeller (option)

Dimensions

Height	617 mm
Diameter	240 mm

Options

Warm liquid version, level regulator, starters, low suction collar, zinc anodes and clog-resistant impeller.

Accessories

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

Rating (clog and wear resistant)

1~	3~
Rated output	1~ 1.5 kW, 3~ 2.2 kW
Speed of rotation	1~ 2830 rpm 3~ 2800 rpm

~	Voltage V	Rated current A	Starting current A
1~	220	8.7	31
1~	230	8.4	32
1~	240	8.3	34
3~	220 D	8.1	44
3~	230 D	8.1	47
3~	380 Y	4.7	25
3~	400 Y	4.7	27
3~	415 Y	4.7	28
3~	500 Y	3.7	21
3~	550 Y	3.9	24

2620.170

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	2620.170
Installation	Portable
Impeller characteristics	Medium head Wear resistant Clog-resistant (option)
Discharge connection	3"

Process data

Liquid temperature	max +40°C
Depth of immersion	max 20 m
Liquid density	max 1100 kg/m³
Strainer hole size	7 mm x 16 mm
Optional clog-resistant version	– Extra-large holes when strainer turned
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®	Submersible cable
NSSHÖU	Heavy-duty rubber submersible cable

Monitoring equipment

Thermal contacts opening temperature	+125°C
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Materials

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

Mechanical face seals

Inner	Tungsten carbide/Ceramic
Outer	Tungsten carbide

Weight

Total (excl. cable)	Wear resistant: 30 kg
Total (excl. cable)	Clog-resistant (option): 28 kg

