

2620 dewatering pump



Designed without compromise

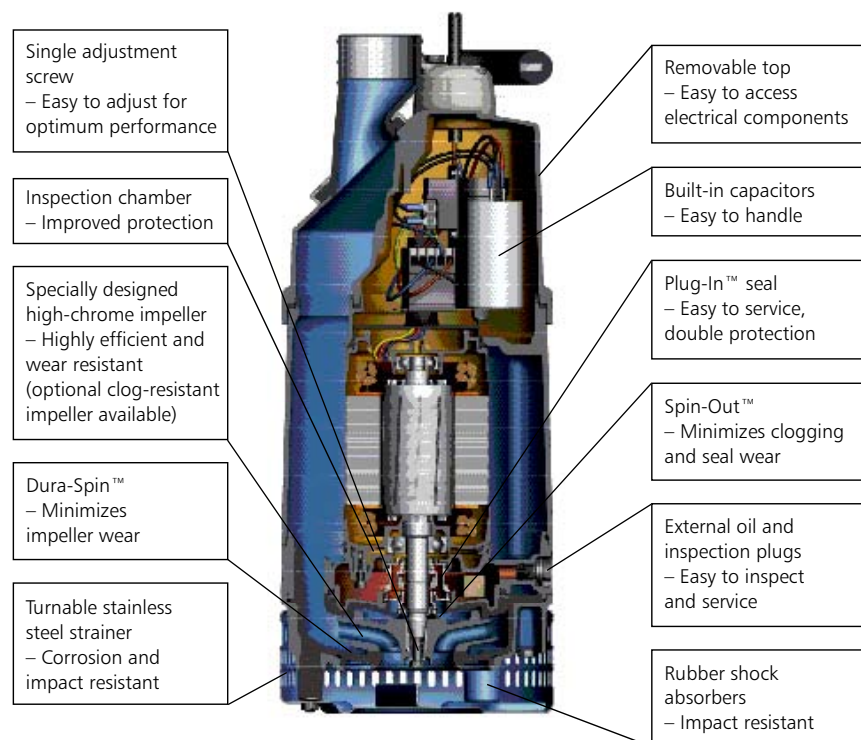
The new 2600 series from Flygt represents a major breakthrough in dewatering pump technology. Radically engineered from the ground up, these robust pumps deliver unmatched wear resistance, consistent performance over time, and ease of service. The result is lower overall cost of ownership.

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 adjustment screw.

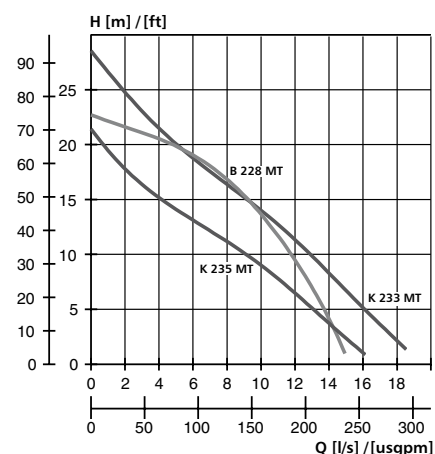
Cutting-edge design with fewer components makes this pump simple and quick to maintain. A removable top gives effortless access to the junction box, and external oil and inspection plugs facilitate maintenance. The inspection chamber improves protection and extends service intervals. The unique one-piece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



This advanced technology is backed by 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.



Performance



B = wear resistant impeller
K = clog resistant impeller (option)

Dimensions

Height 24.3" / 617 mm
Diameter 9.5" / 240 mm

Options

Warm liquid version max 158°F / +70°C
Quick couplings 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 (clog and wear resistant)

1~, 3~
Rated output 1~ 2.4 hp / 1.8 kW
3~ 3.5 hp / 2.6 kW
Speed of rotation 1~ 3420 rpm
3~ 3410 rpm

~	Voltage V	Rated current A	Starting current A
1~	220	10	35
1~	230	9.9	37
1~	240	9.8	39
3~	220 D	9.6	65
3~	230 Y	9.5	65
3~	380 Y	5.6	37
3~	460 Y	4.7	32
3~	480 Y	4.9	34
3~	575 Y	3.6	23
3~	600 Y	3.6	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
Wear resistant, medium head (B 228, MT)
Clog resistant option,
medium head (K 233, 235, MT)
Discharge connection 3"

Process data

Liquid temperature max +104°F / +40°C
Depth of immersion max 65.62 ft / 20 m
Liquid density max 1100 kg/m³
Strainer hole size 0.03" x 0.06" /
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 60Hz
Insulation class F (+311°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 +257°F / +125°C

Materials

Outer casing Aluminum 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: 66.1 lbs / 30 kg
Total (excl. cable)
Clog-resistant (option): 61.7 lbs / 28 kg



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www.flygtus.com www.ittflygt.ca