

Flygt 2400.591

DEWATERING PUMP

60 Hz

Tough pumps for dewatering

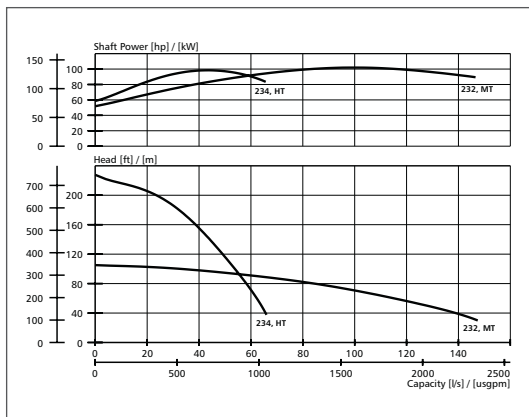
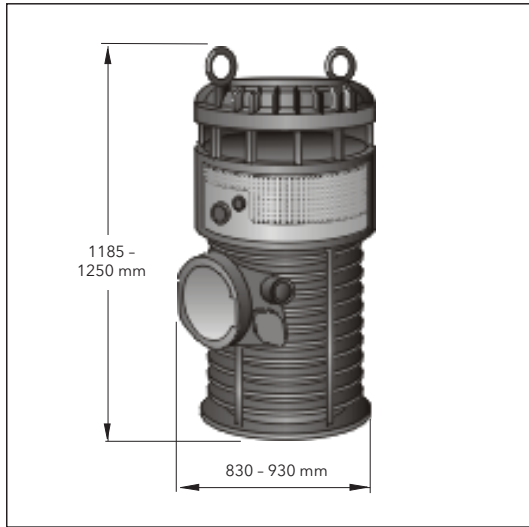
The Flygt dewatering pumps from Xylem are designed for tough operating conditions. The pumps are ideal for applications in which the water or liquid contains high amounts of clay, stone chips, drilling fines etc, or to pump heavy sediment from tanks, sumps and containers.

This explosion-proof, cast iron dewatering pump is designed for heavy-duty application in which the liquids are corrosive, abrasive or contains salt water.

Our dewatering pumps are backed by an outstanding support and world-wide presence. Operating in over 150 countries, we bring many years of experience to bear in order to keep your business moving.



FLYGT
a xylem brand



Voltage (V)	Rated current (A)	Starting current (A)
380	179	1195
440	155	1150
460	149	1105
575	118	740
600	114	840

Flygt 2400.591

Submersible pump for dewatering building yards, draining water in flooded areas, and other similar applications.

Denomination

Product code	2400.591
Installation	S
Impeller characteristics	MT, HT
Discharge connection	4", 6"

Process data Rating

Liquid temperature	max +40° C
Depth of immersion	max 20 m
The pH of the pumped liquid	pH 6 - 11
Liquid density	max 1100 kg/m ³
Strainer hole size	10 mm x 10 mm

Motor data

Squirrel cage 3-phase induction motor.	
Frequency	60 Hz
Insulation class	H (+180° C)
Voltage variation	
- continuously running	max ± 5%
- intermittent running	max ± 10%
Voltage imbalance between phases	max 2%
No. of starts/hour	max 15

Monitoring equipment

Thermal contacts.
PT-100 Transducer

Cable

Direct-on-line start	Screened cable NSSHÖU
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Material

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

Mechanical face seals

Inner	Corrosion resistant cemented carbide
Outer	Corrosion resistant cemented carbide

Weight

Total (excl. cable)	900 - 985 kg
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Approvals

EN 50014, EN 50018, EEX de I, EEX de IIB T4

Options

Stand
Other cables
Zinc anodes

Accessories

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

Rating

3~	
Rated output	104 kW
Speed of rotation	3555 rpm

xylem
Let's Solve Water

www.flygt.com
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