

# Flygt 2250.011

DEWATERING PUMP

60 Hz

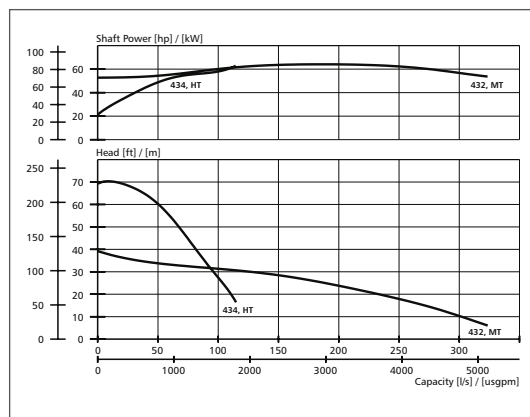
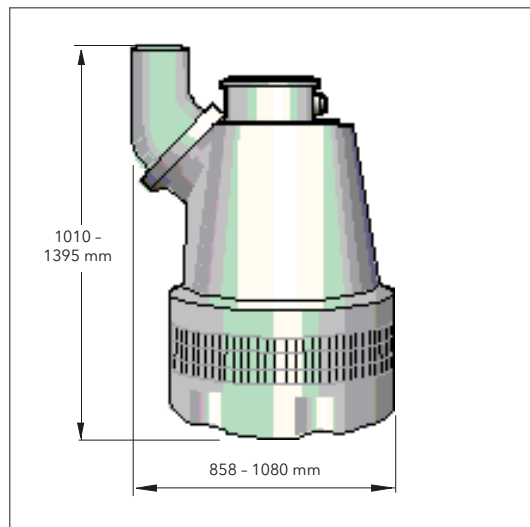
## Tough pumps for dewatering

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.

These portable and robust aluminium pumps are found in operation in all types of dewatering applications.

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.





| Voltage (V) | Rated current (A) | Starting current (A) |
|-------------|-------------------|----------------------|
| 220         | 216               | 1130                 |
| 380         | 125               | 650                  |
| 600         | 104               | 535                  |
| 575         | 83                | 405                  |

## Flygt 2250.011

Submersible pump for dewatering building yards, draining water in flooded areas, and other similar applications. The pump can handle water containing relatively abrasive solids.

### Denomination

|                          |             |
|--------------------------|-------------|
| Product code             | 2250.011    |
| Installation             | S           |
| Impeller characteristics | MT, HT      |
| Discharge connection     | 6", 8", 10" |

### Process data

|                             |                            |
|-----------------------------|----------------------------|
| Liquid temperature          | max +40° C                 |
| Depth of immersion          | max 20 m                   |
| The pH of the pumped liquid | pH 5 - 8                   |
| Liquid density              | max 1100 kg/m <sup>3</sup> |
| Strainer hole size          | 15 mm x 45 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.

### Cable

|                              |         |
|------------------------------|---------|
| Direct-on-line and Y/D start | SUBCAB® |
|------------------------------|---------|

### Material

|                |                         |
|----------------|-------------------------|
| Outer casing   | Aluminium               |
| Impeller       | Alloyed white cast iron |
| Wear parts     | Nitrile rubber          |
| Stator housing | Aluminium               |
| Strainer       | 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) | 540 kg |
|---------------------|--------|

### Options

|                                   |            |
|-----------------------------------|------------|
| Polyurethane-lined wear parts     | POLY-LIFE® |
| Discharge connector with coupling | 6"         |
| Various cable sizes               |            |
| Zinc anodes                       |            |
| Tandem connection                 |            |

### Accessories

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

### Rating

|                   |          |
|-------------------|----------|
| 3~                |          |
| Rated output      | 65 kW    |
| Speed of rotation | 1770 rpm |

**xylem**  
Let's Solve Water

www.flygt.com  
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