



ITT

Water & Wastewater

## Flygt BS 2750

Corrosion resistant drainage pump



### Optimised for extreme environments and unpredictable pH variance

The corrosion resistant Flygt 2700 pump range from ITT Water & Wastewater provides flexible and cost effective dewatering solutions for corrosive and abrasive environments. The range consists of both drainage and solids handling pumps, which are all made of stainless steel and can handle a pH range of 2–10. The 2700 pumps are optimised for tough applications in mines, industries and public utilities where the pumped liquid is corrosive or abrasive.

The uniform design – which incorporates a minimum of components – makes each pump both robust, easy to handle and service and keeps down the cost of spare parts handling. Thanks to its slim profile, it fits easily into confined spaces. A convenient ring-shaped handle gives good manoeuvrability during installation, and serves as a sturdy stand when you invert the pump for service.

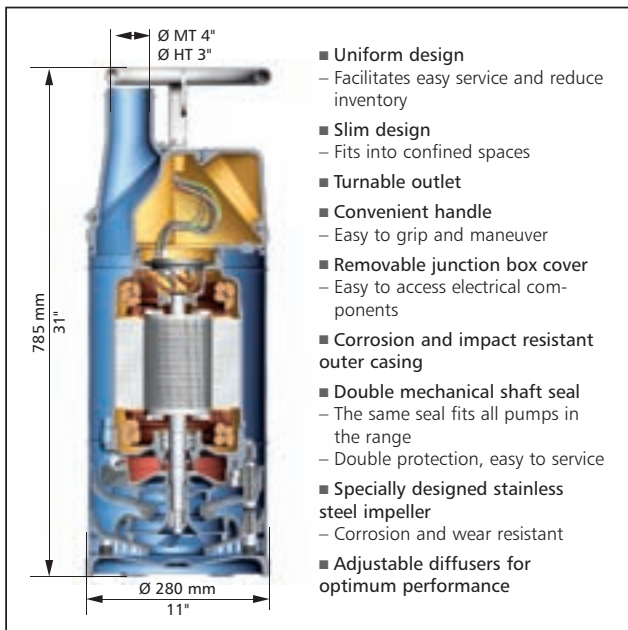


The pumps are built to keep on working year in year out. We guarantee availability of spares parts for 20 years after we stop production of a pump model. With a network of suppliers and service centers throughout more than 140 countries, ITT Water & Wastewater can offer you the support and service you require.

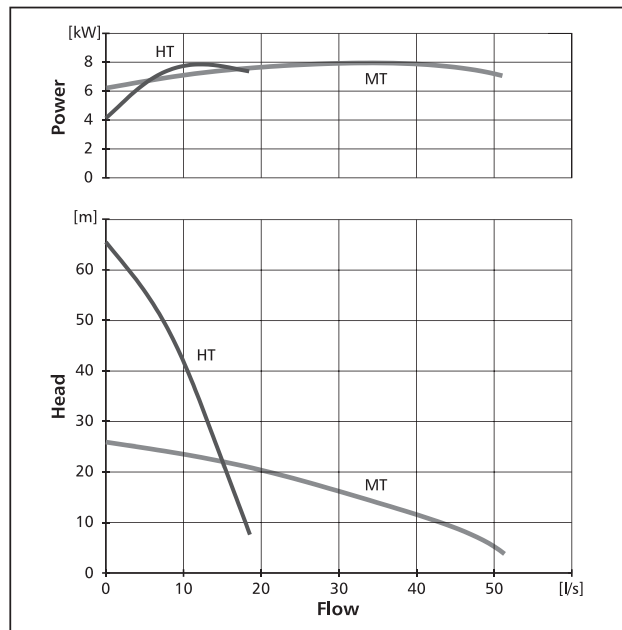
*Engineered for life*

# BS 2750

50 Hz



- **Uniform design**
  - Facilitates easy service and reduce inventory
- **Slim design**
  - Fits into confined spaces
- **Turnable outlet**
- **Convenient handle**
  - Easy to grip and maneuver
- **Removable junction box cover**
  - Easy to access electrical components
- **Corrosion and impact resistant outer casing**
- **Double mechanical shaft seal**
  - The same seal fits all pumps in the range
  - Double protection, easy to service
- **Specially designed stainless steel impeller**
  - Corrosion and wear resistant
- **Adjustable diffusers for optimum performance**



## BS 2750

Corrosion resistant drainage pump for tough applications and unpredictable pH variance.

## Denomination

Product code ..... 2750.390  
 Installation ..... S  
 Impeller characteristics ..... HT, MT

## Process data

Liquid temperature..... max +40 °C  
 Depth of immersion ..... max 20 m  
 Liquid density..... max 1100 kg/m<sup>3</sup>  
 Strainer hole size..... 27 mm × 7 mm  
 The pH of the pumped liquid ..... pH 2-10

## Motor data

Frequency ..... 50 Hz  
 Insulation class..... F (+155 °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 opening  
 temperature..... +130 °C

## Cables

SUBCAB® ..... 4G2.5+2×1.5  
 ..... 4G4+2×1.5  
 SUBCAB® AWG ..... 10AWG/3-2-1GC

## Materials

Impeller ..... Stainless steel  
 Wear parts ..... Nitrile rubber  
 Stator housing ..... Stainless steel  
 Strainer ..... Stainless steel  
 Shaft..... Stainless steel  
 O-rings ..... Fluorinated rubber

## Mechanical face seals

Inner..... Carbon/Silicon carbide  
 Outer..... Silicon carbide/Silicon carbide

## Surface treatment

No surface treatment

## Weight

Excl. cable..... 90 kg

## Option

Starters

## Accessories

Adapters, hose connections and other mechanical accessories. Electrical accessories such as pump controller, control panels, monitoring relays, cables. See separate booklet or www.flygt.com for further information.

## Rating

3~  
 Rated output ..... 8.0 kW  
 Speed of rotation ..... 2 855 rpm

| Voltage (V) | Rated current (A) | Starting current (A) |
|-------------|-------------------|----------------------|
| 380 D       | 16                | 111                  |
| 400 D       | 15                | 118                  |
| 415 D       | 14                | 123                  |
| 500 D       | 12                | 82                   |
| 550 D       | 11                | 91                   |