



ITT



BS 2740

Corrosion resistant drainage pump



Optimised for extreme environments and unpredictable pH variance

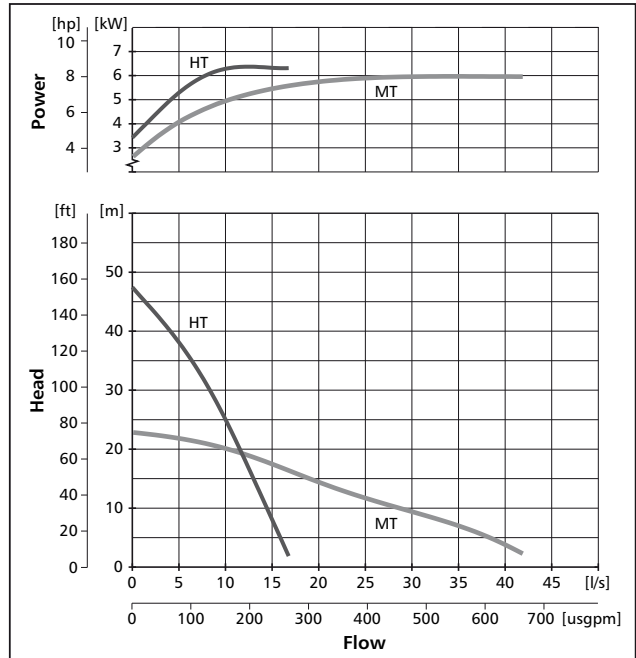
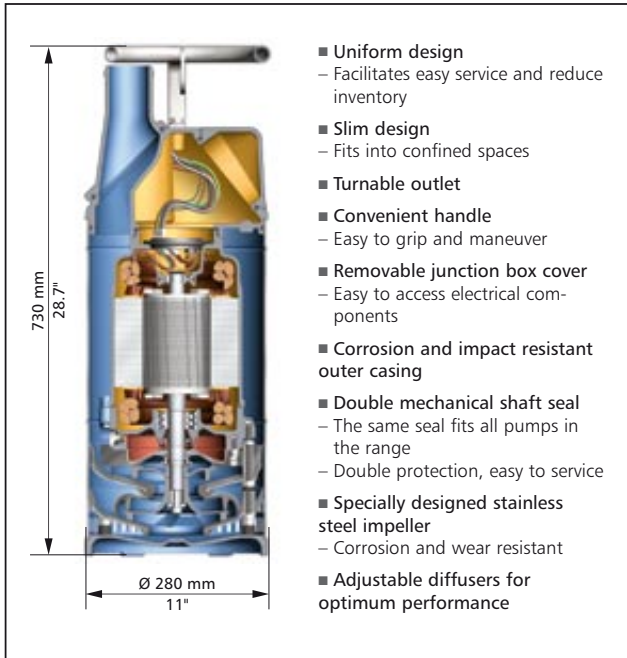
The corrosion resistant 2700 pump range from ITT Flygt provides flexible and cost effective dewatering solutions for corrosive and abrasive environments. The range consists of both drainage and solids handling pumps, which are all made of stainless steel and can handle a pH range of 2–10. The 2700 pumps 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 130 countries, ITT Flygt can offer you the support and service you require.

Engineered for life



BS 2740

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

Denomination

Product code 2740.390
 Installation S
 Impeller characteristics HT, MT

Process data

Liquid temperature..... max 104 °F
 Depth of immersion max 66 ft
 Liquid density.....max 1100 kg/m³
 Strainer hole size..... 0.98" × 0.28"
 The pH of the pumped liquid pH 2-10

Motor data

Frequency 60 Hz
 Insulation class..... F (311 °F)
 Voltage variation
 – continuously runningmax ± 5%
 – intermittent running.....max ± 10%
 Voltage imbalance
 between phasesmax 2%
 No. of starts/hour.....max 15

Monitoring equipment

Thermal contacts opening temperature..... 266 °F

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..... 165 lbs

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 9 hp
 Speed of rotation 3 455 rpm

Voltage (V)	Rated current (A)	Starting current (A)
440 D	11	77
460 D	11	81
575 D	8.9	67
600 D	8.5	70

