

Flygt BS 2740

CORROSION RESISTANT DRAINAGE PUMP

60 Hz

Optimised for extreme environments and unpredictable pH variance


The corrosion resistant Flygt 2700 pump range from Xylem 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 Flygt 2700 pumps are optimised for tough applications in mines, industries and public utilities where the pumped liquid is corrosive and 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.

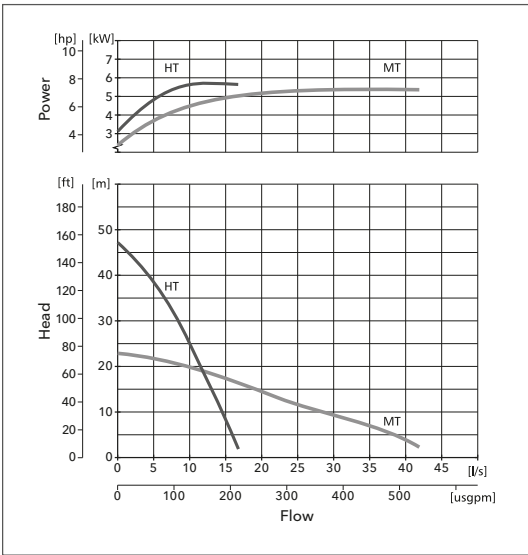
The pumps are built to keep on working year in year out. We guarantee availability of spare parts for 10 years after we stop production of a pump model. With a network of suppliers and service centers throughout more than 150 countries, Xylem can offer you the support and service you require.



FLYGT
a xylem brand



- **Uniform design**
 - Facilitates easy service and reduce inventory
- **Slim design**
 - Fits into confined spaces
- **Turnable outlet**
- **Ring shaped 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**



Voltage (V)	Rated current (A)	Starting current (A)
220Y//	22	153
230Y//	21	161
440 YSER	11	77
460 YSER	11	81
575 D	8.6	67
600 D	8.5	70

Flygt BS 2740

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

Denomination

Product code	2740.390
Installation	S
Discharge connection	4" (MT), 3" (HT)
Impeller characteristics	MT, HT

Process data

Liquid temperature	max +104°F / +40°C
Depth of immersion	max 66ft / 20 m
Liquid density	max 1100 kg/m ³
Strainer hole size	0.98" × 0.28" / 25 mm × 7 mm
The pH of the pump	pH 2-10

Motor data

Frequency	60 Hz
Insulation class	F +311° 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	+266°F / +130°C
--------------------------------------	-----------------

Cables

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

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 and dimensions

Weight (excl. cable)	165 lbs / 75 kg
Height	29" / 725 mm
Width	11" / 280 mm

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	9hp / 6.7 kW
Speed of rotation	3 455 rpm



www.flygt.com
www.xyleminc.com