

# Flygt DS 2720

CORROSION RESISTANT SOLIDS HANDLING 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.

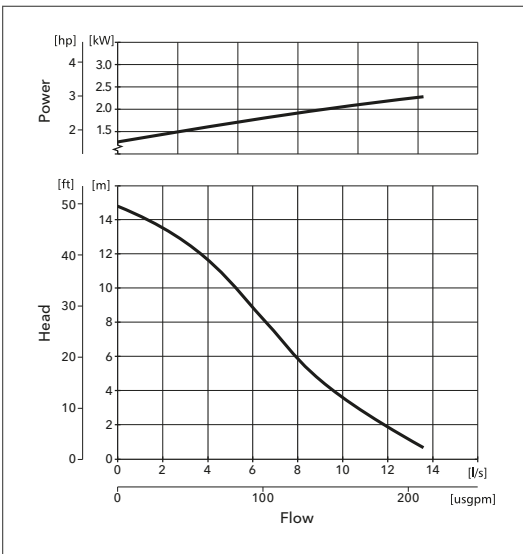
The pumps are built to keep on working year in year out. We guarantee availability of spares parts for 10 years after we stop production of a pump model. With a network of suppliers and service centers throughout more than 150 countries, Xylem can offer you the support and service you require.



**FLYGT**  
a xylem brand



- **Uniform design**
  - Facilitates easy service and reduce inventory
- **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
- **External oil and inspection plugs**
  - Easy to inspect and service
- **Specially designed stainless steel impeller**
  - Corrosion and wear resistant



Voltage (V)	Rated current (A)	Starting current (A)
220 Y //	8.6	46
230 Y //	8.5	49
440 YSER	4.3	23
460 YSER	4.2	24
575 Y	3.3	19
600 Y	3.2	20



www.flygt.com  
www.xyleminc.com

### Flygt DS 2720

Corrosion resistant solids handling pump for tough applications and unpredictable pH variance.

#### Denomination

Product code	2720.280
Installation	S
Discharge connection	3"
Impeller characteristics	MT

#### Process data

Liquid temperature	max +104°F / +40°C
Depth of immersion	max 66ft / 20 m
Liquid density	max 1100 kg/m <sup>3</sup>
Throughlet	max 2.0 in / 50 mm
The pH of the pump	liquid 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
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#### Cables

SUBCAB®	10 AWG/3-2-1GC
	14 AWG/4
	14 AWG/7
	4G1.5+2×1.5
	4G2.5+2×1.5

#### Materials

Impeller	Stainless steel
Wear parts	Stainless steel
Stator housing	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
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#### Weight and dimensions

Weight (excl. cable)	106lbs / 48 kg
Height	28"/715 mm
Width	16½"/420 mm

#### Option

Starters
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#### 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	3.1hp / 2.3 kW
Speed of rotation	3 285 rpm