



# Flygt 2201.390 SH

CORROSION-RESISTANT DEWATERING PUMP FOR HIGH HEAD

50Hz



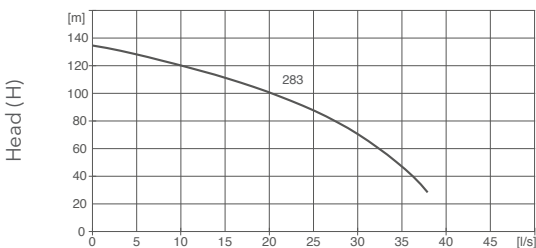
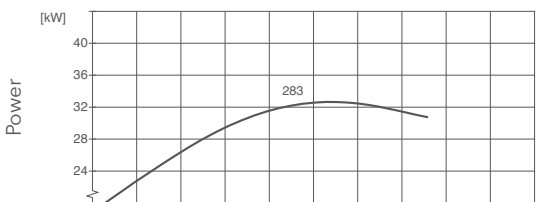
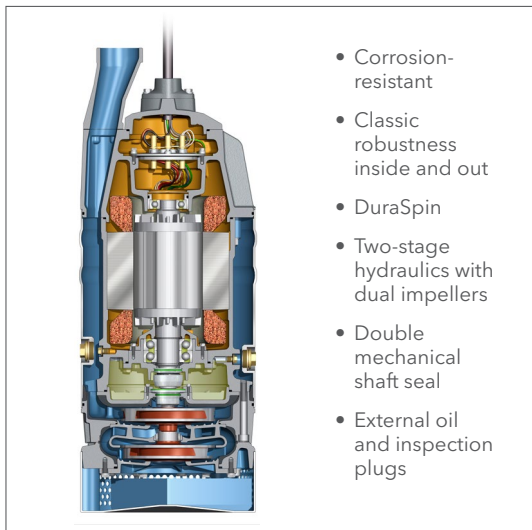
**With the Flygt 2201 SH, a tried-and-true dewatering pump reaches new heights. Boosted by double hydraulics, this new performer is designed for pumping at ultra-high head. Durably made of stainless steel it can also handle jobs where liquids are abrasive and corrosive.**

The Flygt 2201 SH is a two-stage hydraulic pump with double adjustable impellers, empowered to pump unusually high heads (up to 500 ft). With a steady stainless steel body, this pump is truly hard-wearing and versatile, designed to efficiently handle tough, abrasives and corrosive liquids. It handles advanced jobs where other pumps demonstrate inferior corrosion resistance and withstands wide variances in pH level.

Engineered to deliver high performance day after day, year after year, the 2201 SH stainless steel shares same proven technology as its siblings in the classic Flygt 2000 range.

The conical trim sleeve, a quick and easy to use impeller-adjustment feature, restores hydraulic tolerances to near-original condition boosting pump performance, while robust cable entry ensures safe, continuous operation.

The signature **Dura-Spin™** safeguards against wear. The unique closed impeller and the suction cover with Dura-Spin grooves work together sweeping abrasive particles away from the impeller neck.



Flow (Q)

Voltage (V)	Connection	Rated current (A)	Starting current (A)
220	D	113	700
230	D	109	740
380	Y	66	405
380	D	66	405
400	Y	63	430
400	D	63	430
415	D	60	350
440	D	57	375
500	D	50	271
525	D	48	296
550	D	46	310
660	Y	38	231
690	Y	36	246
1000	Y	26	184

### Denomination

Product code	2201.390
Installation	Portable (S)
Discharge connection	4"
Impeller characteristics	Super High Head (SH) Wear resistant impeller with DuraSpin, Dual stage hydraulics

### Process data

Liquid temperature	40°C
Depth of immersion	max 20 m
Liquid density	max 1,100 kg/m <sup>3</sup>
Strainer hole dimension	Ø12 mm
pH of pumped liquid	pH 2-10

### Motor data

Frequency	50 Hz
Insulation class	H (180°C)
Voltage variation	max +/- 10% - continuous running max +/- 10% - intermittent running
Voltage imbalance	max 2% between phases max 30 - no of starts/hour

### Monitoring equipment

Thermal contacts	125°C
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### Cables

SUBCAB®	Submersible cable
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### Materials

Outer casing	Stainless steel, ASTM 316L
Impeller	Stainless steel, ASTM CD-4MCuN / 329
Wear parts	Nitrile rubber / Stainless steel, ASTM CD-4MCuN / 329
Stator housing	Stainless steel, ASTM CD-4MCuN / 329
Strainer	Stainless steel, ASTM 316L
Shaft	Stainless steel, ASTM 431
O-rings	Viton rubber
Discharge connection	Stainless steel, ASTM CD-4MCuN / 329

### Mechanical face seals

Inner Active Seal™	WCCR (Tungsten Carbide)
Outer	RISC (Silicone Carbide)

### Weight & dimensions

Weight (excl. cable)	430 kg
Height	1,150 mm
Width	436 mm

### Options

Quick couplings
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### Accessories

Hose connections and floating rafts. Electrical accessories such as pump controllers, control panels and monitoring relays. Zinc anodes.

### Rating 50 Hz

- 2,950 rpm
- 36 kW