



Flygt 2201.321

CLASSIC DEWATERING PUMP

60Hz



When it comes to the Flygt 2201, some things never change. Every bit as rugged as the original, this heavy-duty cast iron pump is built to endure. Tough enough to handle liquids that are abrasive or contains chlorides, the Flygt 2201 lives up to its heritage.

Authentic in every detail, the new and improved Flygt 2201 is made to perform under harsh conditions. With a steady cast iron body, this pump is truly hard-wearing and versatile, designed to efficiently handle tough, abrasives-laden liquids. In addition, cast iron make for highly reliable pumps, as it endures liquids containing chlorides.

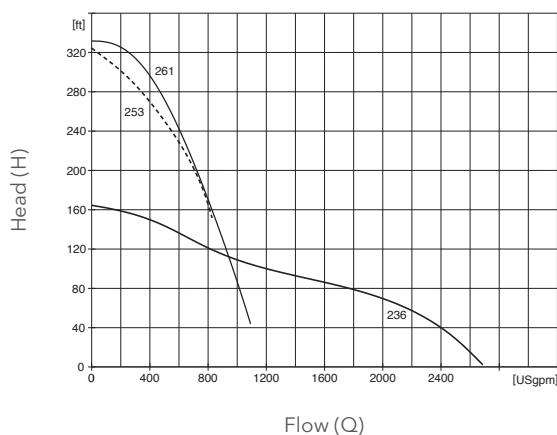
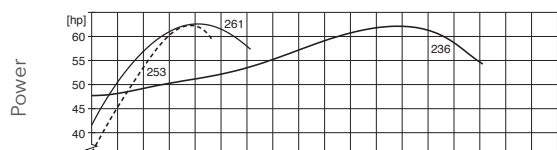
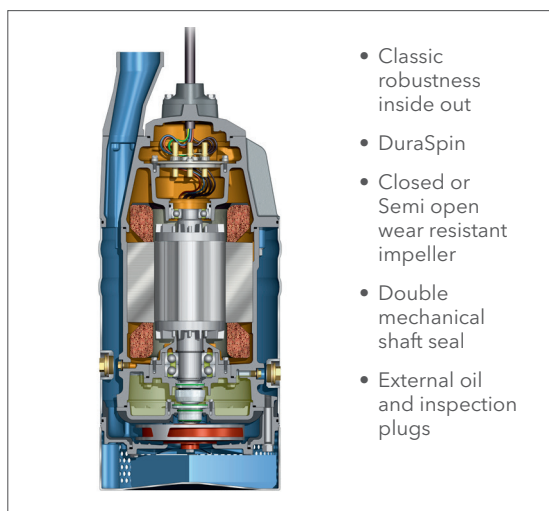
Like its siblings in the classic Flygt 2000 range, this pump features the conical trim sleeve that make downtime a thing of the past. This fast and easy impeller-adjustment feature restores hydraulic tolerances to near-original condition, boosting pump performance. And sturdier-than-ever cable entry ensures safe, continuous operation.

Hydraulic options include:

- 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.
- The Semi-open impeller with its back-swept vanes effectively prevents string solids from obstructing the pump and increases uptime.

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Voltage (V)	Rated current (A)	Starting current (A)
220 D	136	810
230 D	133	895
380 Y	78	465
440 D	68	405
460 D	65	480
480 D	65	470
575 D	52	249

Denomination

Product code	2201.321
Installation	Portable
Discharge connection	4"/6"/8"
Impeller characteristics	High Head (HT) Wear resistant impeller with DuraSpin, Medium Head (MT) Semi open wear resistant impeller (MT) High Head (HT) Semi open wear resistant impeller (option)

Process data

Liquid temperature	104°F (40°C) and 158°F (70°C)
Depth of immersion	max 65 ft (20 m)
Liquid density	max 9.2 lb/US gal (1,100 kg/m³)
Strainer hole dimension	HT Ø 0.47" (12 mm), MT 0.59" (15mm)
pH of pumped liquid	pH 6-11

Motor data

Frequency	60 Hz
Insulation class	H 356°F (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	257°F (125°C)
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Cables

SUBCAB®	SUBCAB® submersible cable
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Materials

Outer casing	Galvanized steel
Impeller	Hard-Iron™
Wear parts	Nitrile rubber/Poly-Life
Stator housing	Cast iron
Strainer	Galvanized steel
Shaft	Stainless Steel
O-rings	Nitrile rubber
Discharge connection	Cast iron

Mechanical face seals

Inner Active Seal™	WCCR (Tungsten Carbide)
Outer	WCCR (Tungsten Carbide)/RSiC (Silicone Carbide)

Weight & dimensions

Weight (excl. cable)	772 (HT), 981 (MT-H), 1014 (MT-V) lbs (350 (HT), 445 (MT-H), 460 (MT-V) Kg)
Height	41.3" (HT), 45.3" (MT-H), 50 (MT-V) lbs (1,048 (HT), 1152 (MT-H), 1272 (MT-V) mm)
Width	17.2" (HT), 19.7" (MT-H), 19.9" (MT-V) lbs (436 (HT), 500 (MT-H), 506 (MT-V) mm)

* H = Horizontal discharge, V = Vertical discharge

Options

Stainless Steel Impeller (HT), Quick couplings

Accessories

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

Rating 60 Hz

• 3,540 rpm • 58 hp (43 kW)

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