



Flygt 2201.321 SH

CLASSIC DEWATERING PUMP

60Hz



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 cast iron, it can also handle jobs where liquids are abrasive or contains chlorides.

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 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.

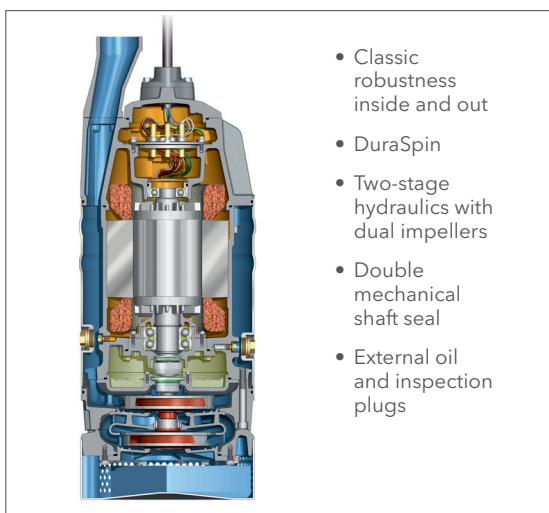
Engineered to deliver high performance day after day, year after year, the 2201 SH Cast Iron shares same proven technology as its siblings in the classic Flygt 2000 range. The conical trim sleeve, a quick and easy to use impeller-adjustment feature,

restores hydraulic tolerances to near-original condition boosting pump performance, while robust cable entry ensures safe, continuous operation.

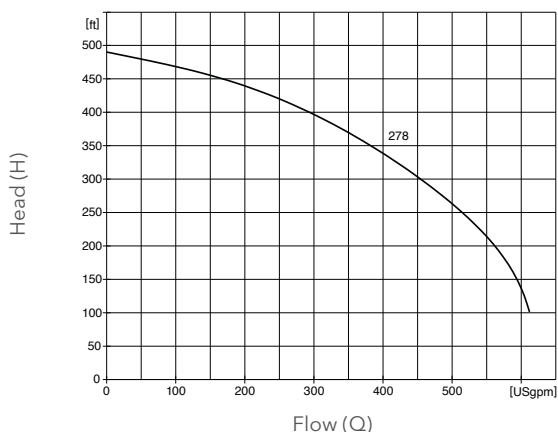
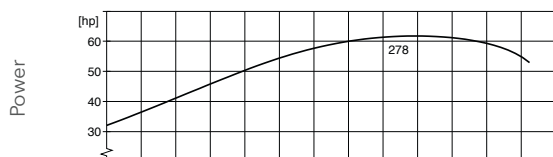
The signature **Dura-Spin™** safeguards against wear. The unique closed impeller and the suction cover with Dura-Spin grooves work together sweeping abrasive particles away from the impeller neck.

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- Classic robustness inside and out
- DuraSpin
- Two-stage hydraulics with dual impellers
- Double mechanical shaft seal
- External oil and inspection plugs



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"
Impeller characteristics	Super High Head (SH) Wear resistant impeller with DuraSpin, Dual stage hydraulics

Process data

Liquid temperature	104°F (40°C)
Depth of immersion	max 65 ft (20 m)
Liquid density	max 9.2 lb/US gal (1,100 kg/m ³)
Strainer hole dimension	Ø 0.47" (12 mm)
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
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 (Silicon Carbide) option

Weight & dimensions

Weight (excl. cable)	871 lbs (395 kg)
Height	45.3" (1,150 mm)
Width	17.2" (436 mm)

Options

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)



www.xylem.com/flygt/