



Flygt 2201 SH Cast Iron

HARD-WEARING DEWATERING PUMP FOR HIGH HEAD

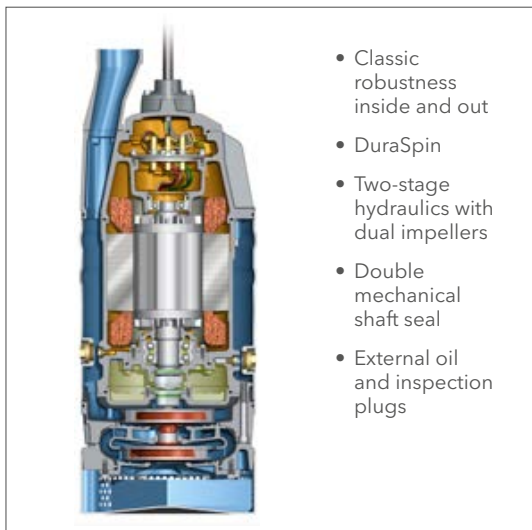


With the Flygt 2201 SH, a tried-and-true dewatering pump reaches new heights. Boosted by double hydraulics, this new performer is designed for pumping at ultra-high head. Durably made of cast iron, it can also handle jobs where liquids are abrasive or contains chlorides.

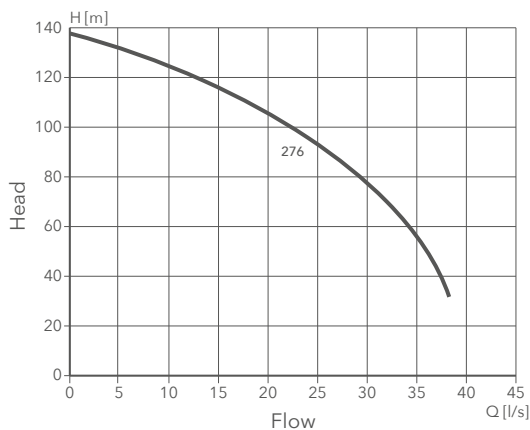
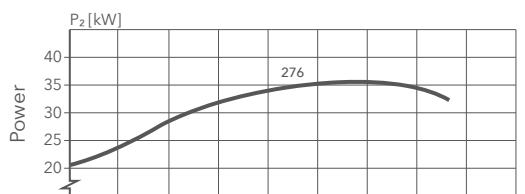
The Flygt 2201 SH is a two-stage hydraulic pump with double adjustable impellers, empowered to pump unusually high heads (up to 140 m). With a steady cast iron body, this pump is truly hard-wearing and versatile, designed to efficiently handle tough, abrasives-laden liquids. In addition, cast iron make 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.



- 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	117	700
230 D	112	740
380 D & Y	67	405
400 D & Y	65	430
415 D	62	350
440 D	59	375
500 D	51	271
525 D	49	296
550 D	47	310
660 Y	26	184
690 Y	37	246
1000 Y	26	184

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	40°C
Depth of immersion	max 20 m
Liquid density	max 1,100 kg/m ³
Strainer hole dimension	Ø12 mm
pH of pumped liquid	pH 6-11

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®	SUBCAB® submersible cable
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Materials

Outer casing	Galvanized steel
Impeller	Hard-Iron™/Stainless steel
Wear parts	Nitrile rubber/Poly-Life/Hard-Iron
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)	395 kg
Height	1150 mm
Width	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 50 Hz

- 2,940 rpm
- 37 kW