



Flygt 2201.692 SH

EXPLOSION-PROOF CLASSIC DEWATERING PUMP

50Hz



With the explosion-proof Flygt 2201 SH, a tried-and-true dewatering pump reaches new heights. Adapted to ultra-high pumping heads and made of cast iron, it's suitable for tough jobs where liquids are abrasive or contains chlorides. Including critical applications where safety comes first.

The explosion-proof Flygt 2201 SH is a two-stage hydraulic pump with double adjustable impellers, designed to pump extremely high heads (up to 140 m). Not only does it handle tough, abrasives-laden liquids with efficiency, this pump is also certified to operate safe in potentially hazardous areas. This feature is non-negotiable in many industrial and mining applications. A steady cast iron body makes the 2201 SH truly hard-wearing and versatile. In addition, cast iron make for extremely reliable pumps, as it endures liquids containing chlorides.

Engineered to deliver high performance day after day, year after year, the explosion-proof 2201 SH features same proven technology as its siblings in the classic Flygt 2000 range. The conical trim sleeve,

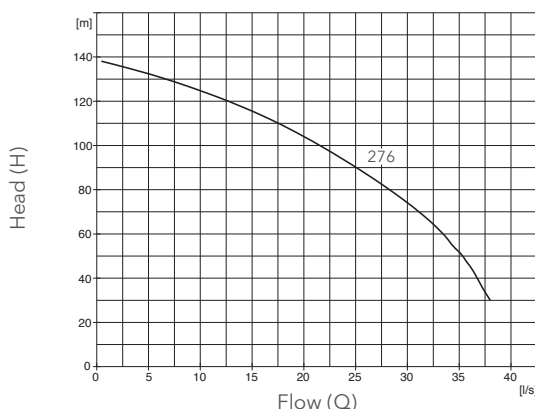
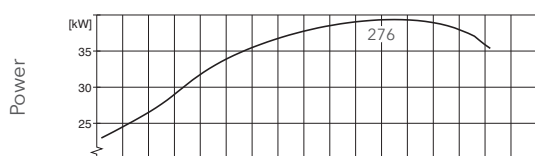
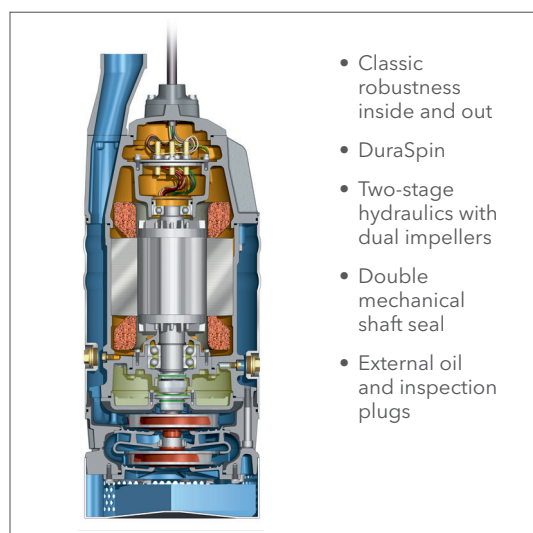
a quick and easy to use impeller-adjustment feature, restores hydraulic tolerances to near-original condition boosting pump performance, while robust cable entry ensures safe, continuous operation.

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.

FLYGT
a xylem brand

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Voltage (V)	Rated current (A)	Starting current (A)
380 D	67	405
400 D	64	335
415 D	62	350
440 D	59	375
500 D	51	271
550 D	47	310

Denomination

Product code	2201.692
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	110°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 (Silicone Carbide) option

Weight & dimensions

Weight (excl. cable)	395 kg
Height	1,150 mm
Width	436 mm

Approvals

ATEX: I M2 c Ex d I Mb, IECEx: Ex d I Mb
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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

xylem
Let's Solve Water

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