xylem
Let's Solve Water

Flygt 2201.692

EXPLOSION-PROOF CLASSIC DEWATERING PUMP

50Hz

Part of a classic dewatering pump range, the new explosion-proof Flygt 2201 lives up to its heritage. Durably made of cast iron, it's suitable for heavy-duty jobs where liquids are abrasive or contains chlorides. And – where safety comes first.

The explosion-proof Flygt 2201 is certified to operate safe in potentially hazardous areas, which is a necessity in many industrial and mining applications. With a steady cast iron body, this pump is also truly hard-wearing and versatile. Furthermore, cast iron make for extremely reliable pumps, enduring both chemical and mechanical wear.

Like its siblings in the proven 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.

FLYGT
a xylem brand

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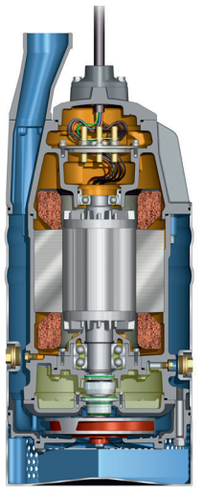
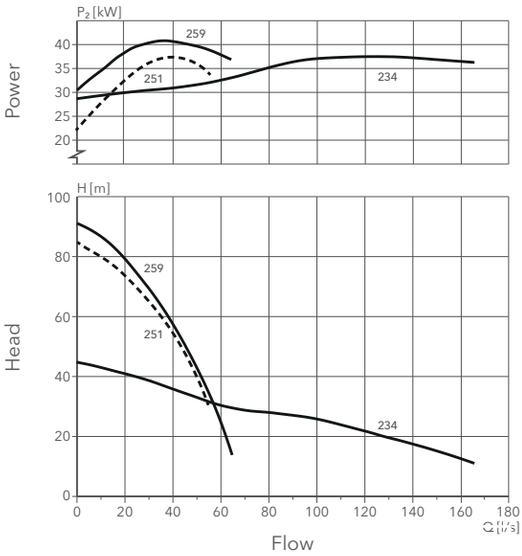


- Classic robustness inside out
- DuraSpin
- Closed or semi open wear resistant impeller
- Double mechanical shaft seal
- External oil and inspection plugs



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"/6"/8"
Impeller characeristics	High Head (HT) Wear reistant impeller with DuraSpin, Medium Head (MT) Semi open wear resistant impeller
	High Head (HT) Semi open wear resistant impeller (option)

Process data

Liquid temperature	40°C
Depth of immersion	max 20 m
Liquid density	max 1,100 kg/m³
Strainer hole dimension	HT Ø12 mm, MT Ø15 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

Cables

SUBCAB®	SUBCAB® submersible cable

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)	350 kg (HT), 445 kg (MT-H)
Height	1,048 mm (HT), 1,152 mm (MT-H)
Width	436 mm (HT), 500 mm (MT-H)

MT-H = Horizontel discharge

Approvals

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

Options

Stainless Steel Impeller (HT)

Quick couplings

Accessories

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

Rating 50 Hz

- 2,940 rpm
- 37 kW

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