



Flygt 2201 SH

50 Hz

CLASSIC DEWATERING PUMP WITH A HIGHER HEAD CAPABILITY

With the Flygt 2201SH, a tried-and-true dewatering pump reaches new heights. As rugged, dependable and high-performing as its siblings in the Flygt 2201 series, this new addition is purpose-designed to pump at ultra-high head up to 140 meters.

The Flygt 2201SH is a two-stage hydraulic pump with double adjustable impellers. Resistant to abrasion and wear, it can also pump higher heads than most of our competitors with its dual-stage impellers.

The Flygt 2201 series of submersible pumps delivers high performance and reliability day after day, year after year. These pumps provide a versatile solution for construction and mining applications, and are ideal for jobs both large and small that require reliable, flexible dewatering. The 2201SH extends the series with a durable adaptation for pumping at ultra-high heads.

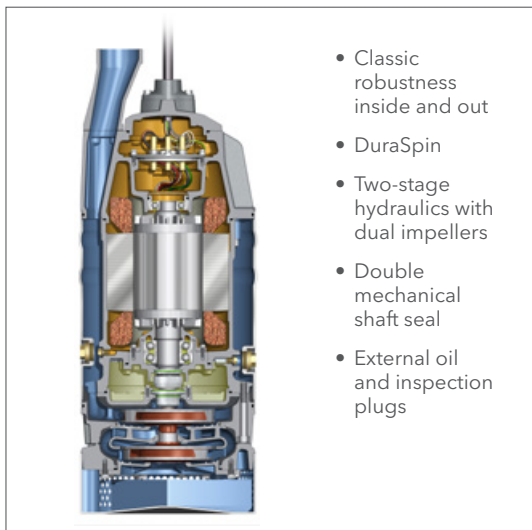
The signature Dura-Spin™ safeguards against wear. The unique closed impeller and the suction cover with Dura-Spin grooves work together, sweeping abrasive particles away from the impeller neck.

The two-stage design with its conical trim sleeve is based on proven hydraulics from Flygt. This fast and easy impeller-adjustment feature restores clearances to near-original condition, boosting pump performance. And sturdier-than-ever cable entry ensures safe, continuous operation.

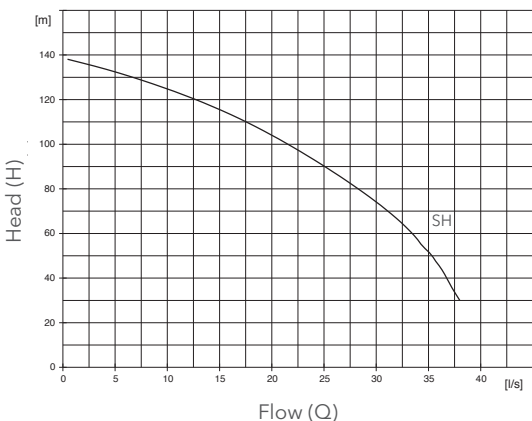
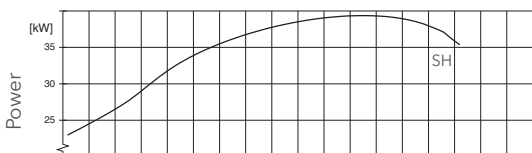
Flygt 2201SH - Delivers more performance when the pressure's on.



FLYGT
a xylem brand



- 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 Y	67	405
400 D	65	430
415 D	62	350
500 D	51	271
550 D	47	310

Denomination

Product code	2201.012
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 20m
Liquid density	max 1100 kg/m ³
Strainer hole dimension	Ø12 mm
pH of pumped liquid	pH 5-8

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®	Submersible cable
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Materials

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

Mechanical face seals

Inner Active Seal™	WCCR (Tungsten Carbide)
Outer	WCCR (Tungsten Carbide)

Weight & dimensions

Weight (excl. cable)	270 kg
Height	1148 mm
Width	436 mm

Options

Quick couplings
Starters

Accessories

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

Rating 50 Hz

400V D
• 2,945 rpm
• 37 kW (50 hp)



www.flygt.com
www.xylem.com