



Flygt 2190

THE MID-SIZED CLASSIC SUBMERSIBLE DRAINAGE PUMP

60 Hz

Part of the Flygt 2000 series, the new Flygt 2190 is built on proven pump technology dating back to the 1960s. Every bit as rugged and wear-resistant as the original Flygt 2201, this pump shares the same classic profile and inner workings as its robust and reliable sibling.

When it comes to performance, the 2190 goes all out. True to its heritage, it is built to tough it out in the harshest environments. Tough and strong, this pump is designed to handle tough liquids with fines, rock, sand, clay, sediments or other abrasives.

Durably made, this pump has features like the conical trim sleeve that make downtime a thing of the past. 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.

Choose between our different impeller options:

- 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.

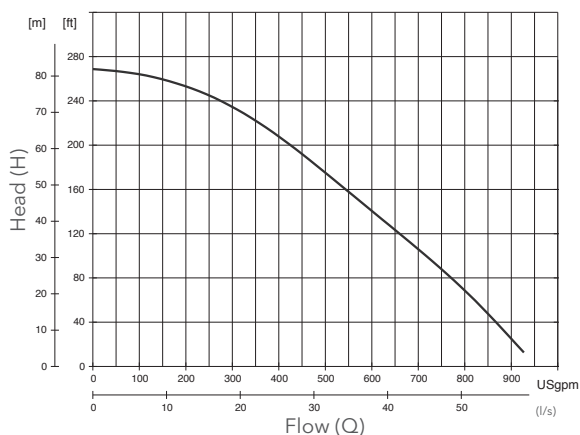
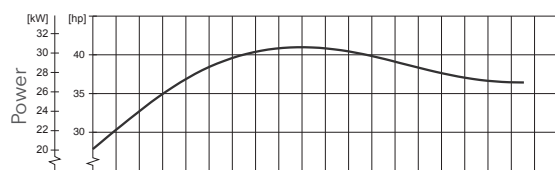
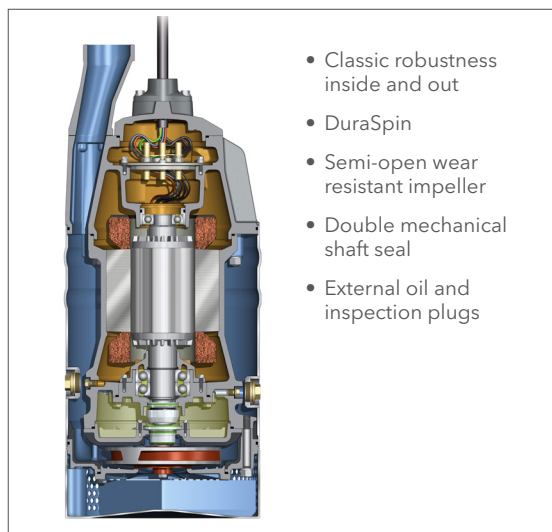
2190 - a new classic from Flygt.



FLYGT
a xylem brand

Flygt 2190.010 CLASSIC SUBMERSIBLE DRAINAGE PUMP

60 Hz



Voltage (V)	Rated current (A)	Starting current (A)
220 D	91	555
230 D	87	585
380 Y	53	320
440 D	46	260
460 D	44	274
480 D	42	287
575 D	35	227

Denomination

Product code	2190.010
Installation	Portable
Discharge connection	4"
Impeller characteristics	High Head (HT) Wear resistant impeller with DuraSpin
(Impeller option)	High Head (HT) Semi-open wear resistant impeller

Process data

Liquid temperature	104°F (40°C)
Depth of immersion	Max 65 ft (20 m)
Liquid density	9.2 lb. per US gal. (1100 kg/m ³)
Strainer hole dimension	Ø 1/2" (12 mm)
pH of pumped liquid	pH 5-8

Motor data

Frequency	60 Hz
Insulation class	H (360°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	284°F (240°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)	463 lbs (210 kg)
Height	41" (1050 mm)
Width	17" (430 mm)

Options

Stainless steel impeller
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 60Hz

• 3,505 rpm
• 39 hp (29 kW)

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Let's Solve Water

www.flygt.com
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