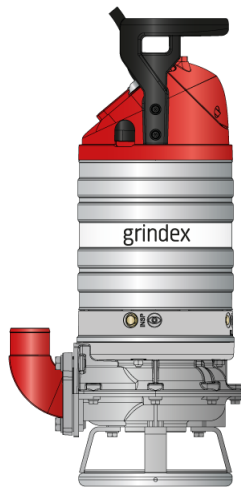


**Sandy**

Electrical submersible sludge pump

POMPDIRECT


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50 Hz	N	H
Discharge connection	3"	3"
Rated power P <sub>2</sub> [kW]	5,6	5,6
Max. power consumption P <sub>1</sub> [kW]	6,7	6,7
Shaft speed [r.p.m.]	2890	2890
Rated current at 230V	19 A	19 A
Rated current at 400V	11 A	11 A
Rated current at 500V	8,7 A	8,7 A
Solids passage [mm]	46	32
Height [mm]	867	867
Width [mm]	460	430
Diameter [mm]	320	320
Weight [kg]	56	56

Other voltages on request

**Pump types**

N: normal pressure

H: high pressure

**Classification**

Electrical submersible drainage pump

Protection class: IP 68

**Electrical motor**

Squirrel cage induction motor, insulation class: H (IEC 85)

**Motor protection**

Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator opening temperature 140 °C (284 °F) (= SMART system), air valve

**Cable - SubCab**4G2,5mm<sup>2</sup>, length 20 m or 14AWG/4, length 53 ft**Limitations**

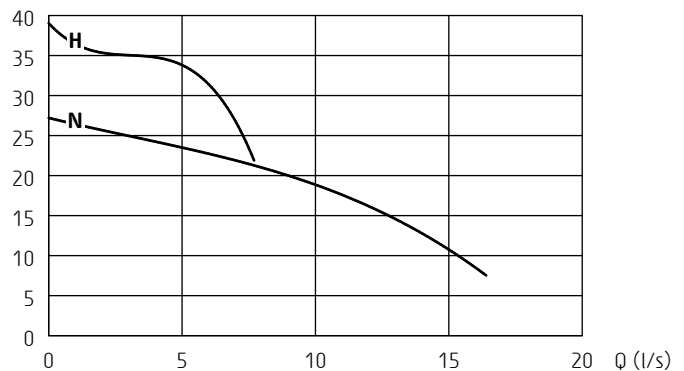
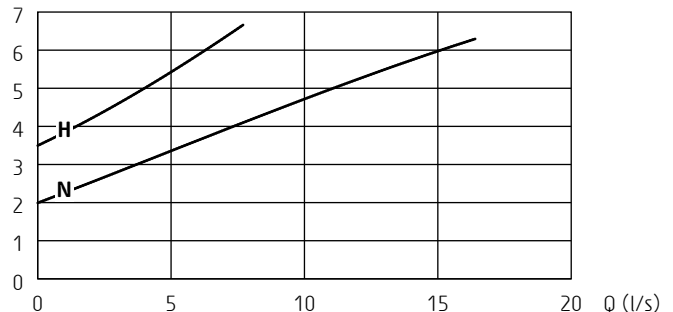
Max. submersion depth: 20 m (66 ft)

Max. liquid temperature: 40 °C (104 °F)

Allowed pH range: 5 - 8

Maximum liquid density: 1100 kg/m<sup>3</sup> (68 lbs/ft<sup>3</sup>)

H (m)

P<sub>1</sub> (kW)

ISO 9906/A

**Shaft seals**

Cartridge seal: pre-assembled double mechanical seal running in an oil compartment

Material lower seal: *silicon carbide - silicon carbide*Material upper seal: *tungsten carbide - aluminium oxide***Bearings**

Ball bearings with C3 clearance

**Discharge connection**

3" hose, ISO-G or NPT

**Materials**Casted parts: *Aluminium*Outer casing: *Stainless steel*Motor shaft: *Stainless steel*Impeller: *Hard-Iron™*Pump housing: *Aluminium/Polyurethane*Screws and nuts: *Stainless steel*O-rings: *Nitrile rubber***Accessories**

Level regulator

External level regulator

Zinc anodes

Pump raft

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Specifications can be changed without notice