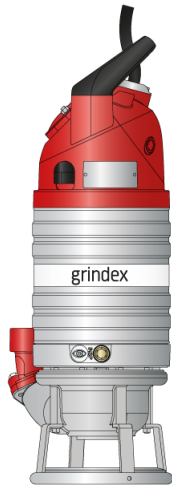


Salvador

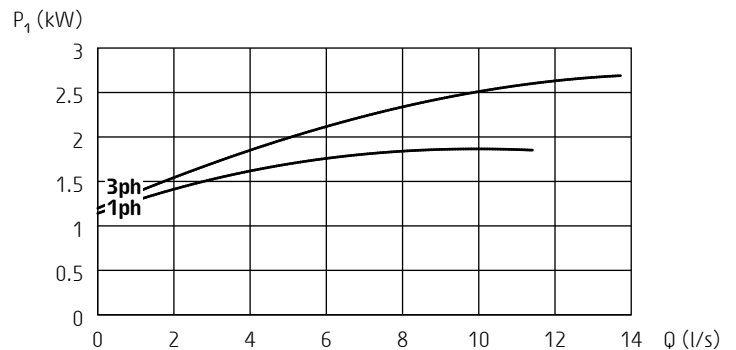
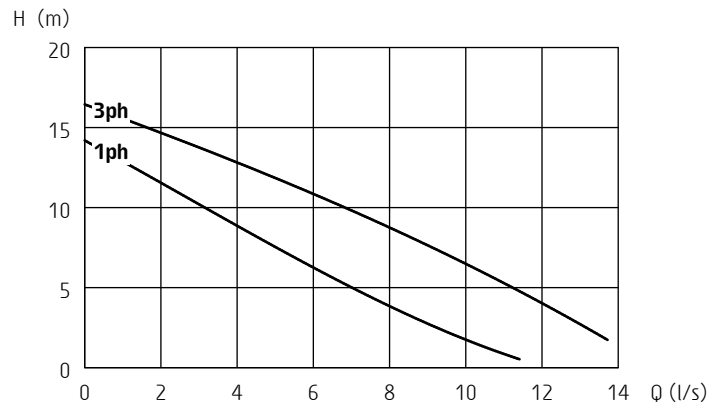
Electrical submersible sludge pump

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50 Hz	1-ph	3-ph
Discharge connection	3"	3"
Rated power P_2 [kW]	1,5	2,2
Max. power consumption P_1 [kW]	1,9	2,7
Shaft speed [r.p.m.]	2830	2800
Rated current at 230V	8,4 A	8,1 A
Rated current at 400V	-	4,5 A
Rated current at 500V	-	3,6 A
Solids passage [mm]	50	50
Height [mm]	782	782
Width [mm]	249	249
Weight [kg]	33	33

Other voltages on request



ISO 9906/A

Classification

Electrical submersible sludge pump
 Protection class: IP 68

Electrical motor

1-phase: Squirrel cage induction motor with start and run capacitor
 3-phase: Squirrel cage induction motor
 Insulation class: F (IEC 85)

Motor protection

1-phase: Temperature guard with a thermal contact in stator opening temperature 125°C (257°F), air valve
 3-phase: Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator opening temperature 125°C (257°F) (= SMART system), air valve

Cable - SubCab

1-phase: 3G1,5mm², 20 m (66 ft) / 14AWG/3, 53 ft
 3-phase: 4G1,5mm², 20 m (66 ft) / 14AWG/4, 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/m³ (68 lbs/ft³)

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

Zinc anodes
 Float switch
 Pump raft

POMP DIRECT

T +31 (0)294-457712 F +31 (0)294-457713
www.grindexpompen.nl info@pompdirect.nl

Specifications can be changed without notice