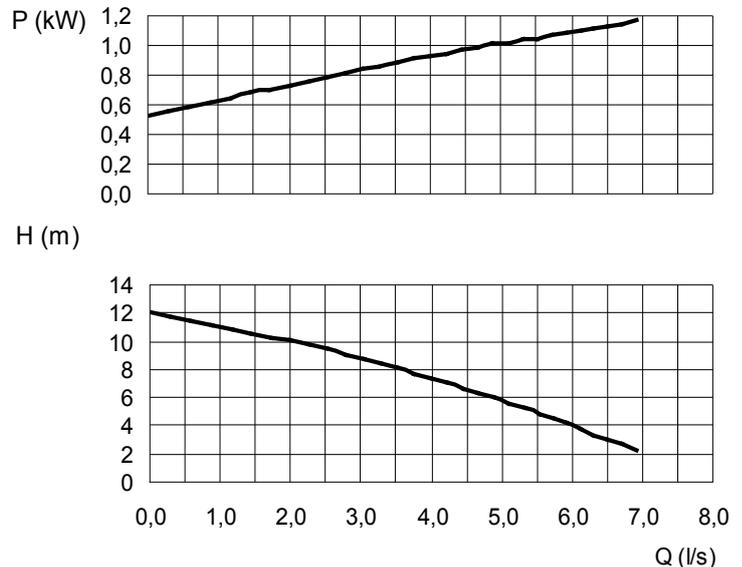
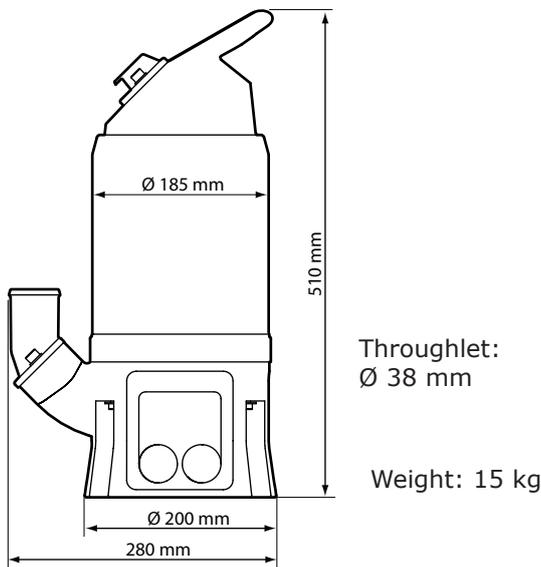


Solid Electrical submersible sludge pump



ISO 9906/A

Pump types

Single phase

Classification

Electrical submersible pump
Protection class: IP68

Electrical motor

Squirrel cage induction motor
Insulation class: F (IEC 85)

Technical data

Shaft speed	r.p.m.	2800
Rated output	kW	0.9
Max. power cons.	kW	1.2
Rated current A at	115 V	11
	230 V	5.2

Motor protector

Temperature guard with Auto-Cut, automatically cut the power if temperature rise above 135°C.

Power cable

H07RN-F, 3x1 mm², length 10m

Shaft seals

Double mechanical shaft seals with an oil compartment between the seals
Material lower seal: Silicon carbide - silicon carbide
Material upper seal: Carbon - aluminum oxide

Bearings

Ball bearing with C3 clearance

Discharge connection

2", hose, BSP or NPSM

Materials

Pump top	Stainless steel/Reinforced polymer
Outer casing	Stainless steel
Stator housing	Stainless steel
Motor shaft	Stainless steel
Impeller	Polyurethane
Pump housing	Polyurethane
Screws and nuts	Stainless steel

Accessories

Float switch

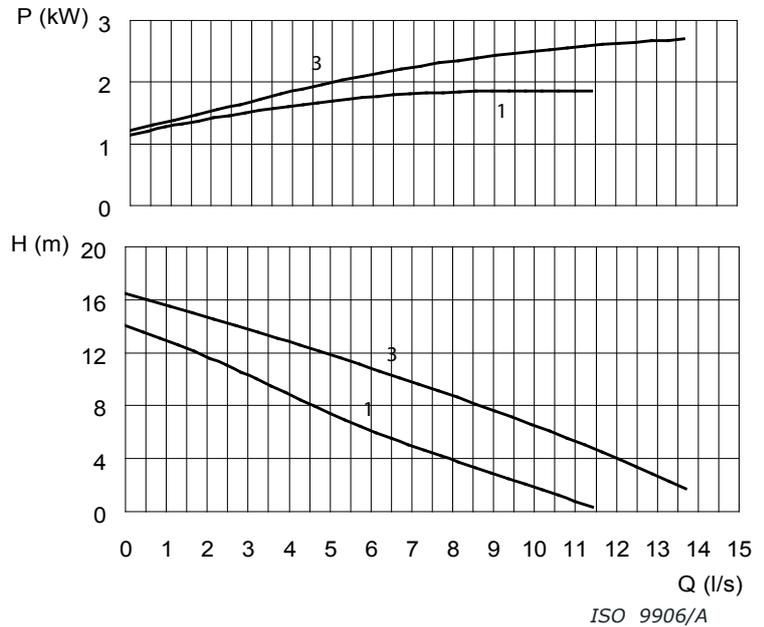
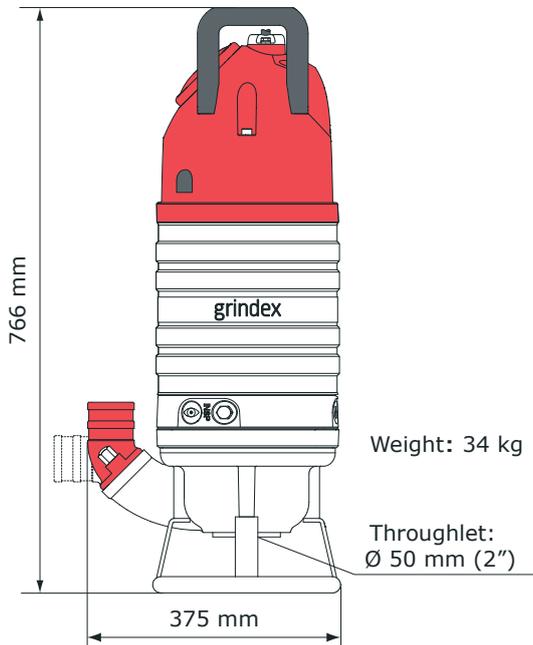
Limitations

Max. submersion depth: 5 m
Max. liquid temperature: 35°C
Max. liquid density: 1100 kg/m³
pH of the liquid: 3-9

Specifications can be changed without notice.

SALVADOR

Electrical submersible sludge pump



Pump types

- 1: 1-phase
- 3: 3-phase

Classification

Electrical submersible pump
Protection class: IP68

Electrical motor

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

Technical data		1-phase	3-phase
Shaft speed	rpm	2800	2800
Rated output	kW	1.5	2.2
Max. power cons.	kW	1.9	2.7
Rated current A at	230 V	8.4	
	400 V		4.7
	500 V		3.7

Other voltages on request

Motor protector

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

Power cable-SUBCAB

1-phase: 3G1,5mm², lenght 20m
3-phase: 4G1,5mm², lenght 20m

Shaft seals

Cartridge seal with double mechanical face seals with oil compartment between the seals
Material lower seal: Tungsten carbide-Tungsten carbide
Material upper seal: Tungsten carbide-ceramic

Bearings

Ball bearing with C3 clearance

Discharge connection

3", Hose, ISO-G or NPT

Materials

Casted parts	Aluminium
Outer casing	Stainless steel
Stator housing	Stainless steel
Motor shaft	Stainless steel
Impeller	High chrome alloyed white cast iron
Pump housing	Aluminium/Polyurethane
Screws and nuts	Stainless steel
O-rings	Nitrile rubber

Accessories

Zink anodes
Float switch (only 1-phase)

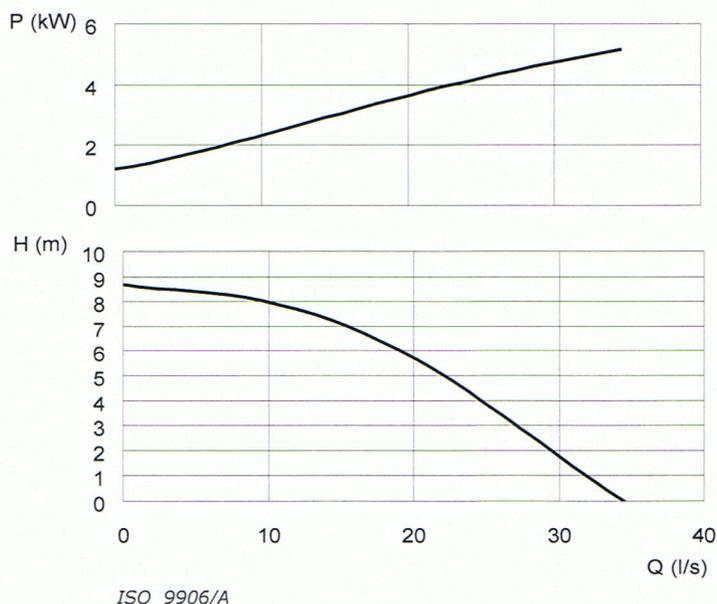
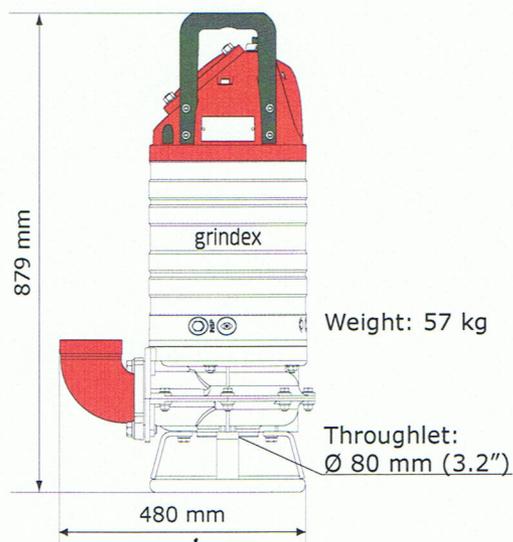
Limitations

Max. submersion depth: 20 m
Max. liquid temperature: 40°C
Max. liquid density: 1100 kg/m³
pH of the liquid: 5-8

Specifications can be changed without notice.

SENIOR

Electrical submersible sludge pump



Classification

Electrical submersible pump
Protection class: IP68

Electrical motor

Squirrel cage induction motor
Insulation class H (IEC 85)

Technical data

Shaft speed	rpm	1480
Rated output	kW	4.1
Max. power cons.	kW	5.1
Rated current A at	230 V	16
	400 V	9.0
	500 V	7.2

Other voltages on request

Motor protector

Phase sequence control, phase failure guard,
temperature guard with thermal contacts opening
temp 140°C (= SMART-system), airvalve

Power cable - SUBCAB:

4G2,5mm², lenght 20m

Shaft seals

Cartridge seal with double mechanical shaft seals with
oil compartment between the seals
Material lower seal: Tungsten carbide-Tungsten carbide
Material upper seal: Tungsten carbide-Tungsten carbide

Bearings

Ball bearing with C3 clearance
Discharge connection
4", Hose, ISO-G or NPT

Materials

Casted parts	Aluminium
Outer casing	Stainless steel
Stator housing	Aluminium
Motor shaft	Stainless steel
Impeller	High chrome alloyed white cast iron
Pump housing	Polyurethane
Screws and nuts	Stainless steel
O-rings	Nitrile rubber

Accessories

Zink anodes

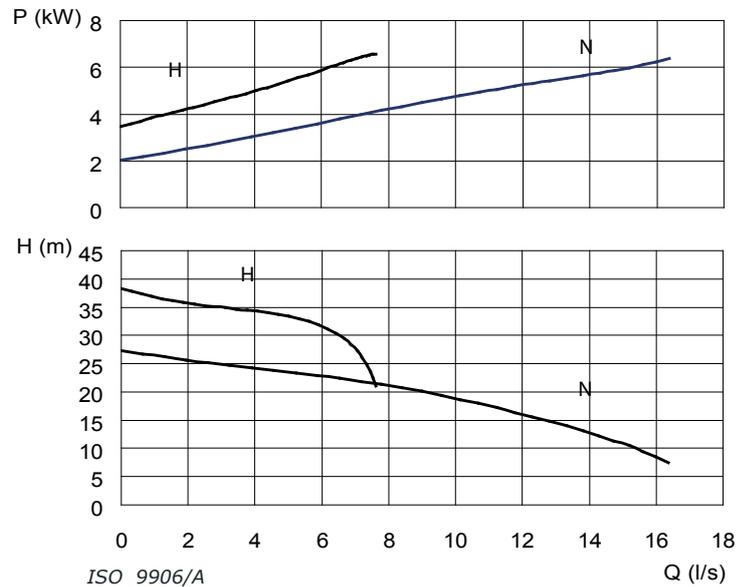
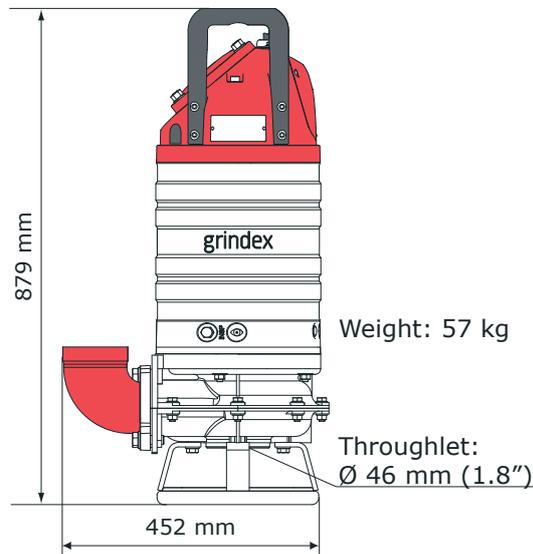
Limitations

Max. submersion depth: 20 m
Max. liquid temperature: 40°C
Max. liquid density: 1100 kg/m³
pH of the liquid: 5-8

Specifications can be changed without notice.

SANDY

Electrical submersible sludge pump



Pump types

N: Normal pressure
H: High pressure

Classification

Electrical submersible pump
Protection class: IP68

Electrical motor

Squirrel cage induction motor
Insulation class H (IEC 85)

Technical data		N & H
Shaft speed	rpm	2890
Rated output	kW	5.6
Max. power cons.	kW	6.7
Rated current A at	230 V	19
	400 V	11
	500 V	8.7

Other voltages on request

Motor protector

Phase sequence control, phase failure guard, temperature guard with thermal contacts opening temp 140°C (= SMART-system), airvalve

Power cable - SUBCAB:

4G2,5mm², lenght 20m

Shaft seals

Cartridge seal with double mechanical shaft seals with oil compartment between the seals
Material lower seal: Tungsten carbide-Tungsten carbide
Material upper seal: Tungsten carbide-Tungsten carbide

Bearings

Ball bearing with C3 clearance

Discharge connection

3", Hose, ISO-G or NPT

Materials

Casted parts	Aluminium
Outer casing	Stainless steel
Stator housing	Aluminium
Motor shaft	Stainless steel
Impeller	High chrome alloyed white cast iron
Pump housing	Polyurethane
Screws and nuts	Stainless steel
O-rings	Nitrile rubber

Accessories

Zink anodes

Limitations

Max. submersion depth: 20 m
Max. liquid temperature: 40°C
Max. liquid density: 1100 kg/m³
pH of the liquid: 5-8

Specifications can be changed without notice.