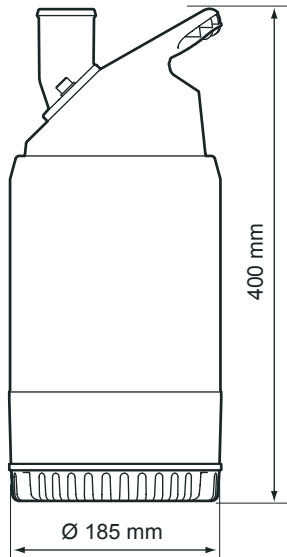
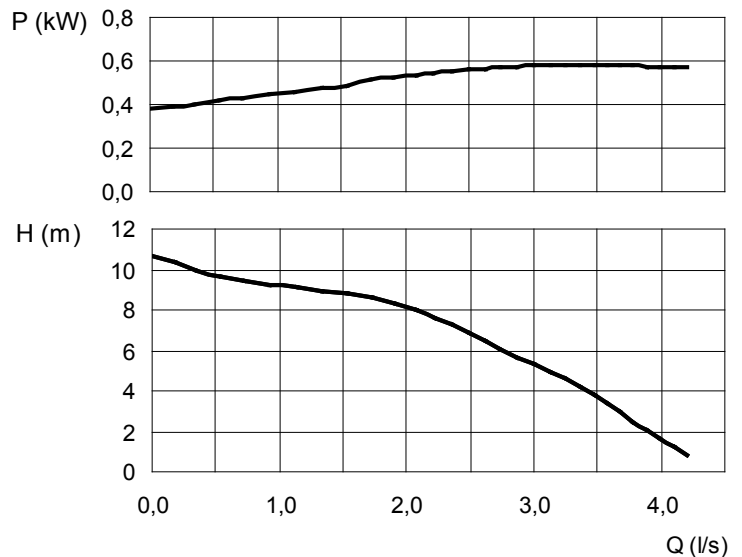


Micro Electrical submersible drainage pump



Strainer hole:
11x5 mm

Weight: 10 kg



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.	2760
Rated output	W	420
Max. power cons.	W	590
Rated current A at	115 V	5.1
	230 V	2.7

Motor protector

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

Power cable

H07RN-F, 3x1 mm², lenght 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
Diffuser	Polyurethane
Screws and nuts	Stainless steel

Accessories

Low suction collar
Float switch

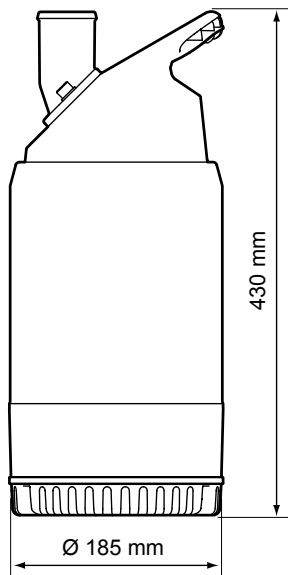
Limitations

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.

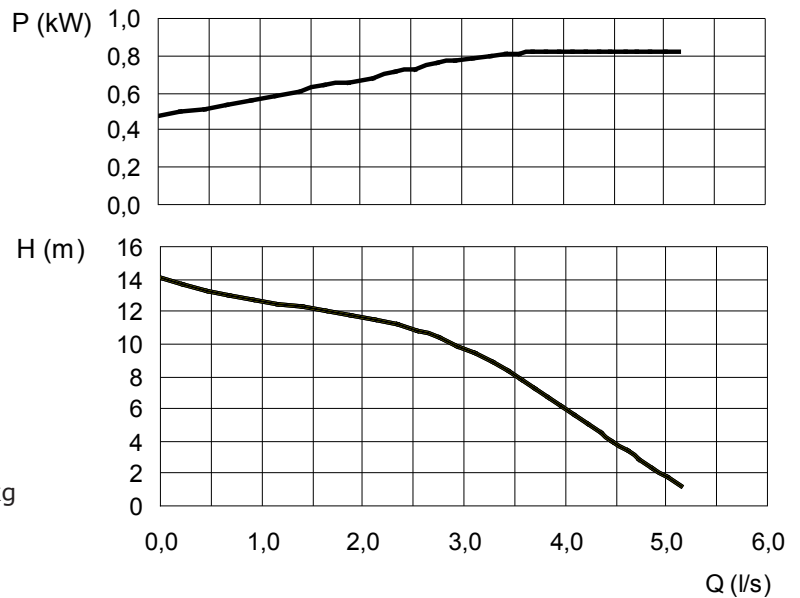
Macro

Electrical submersible drainage pump



Strainer hole:
11x5 mm

Weight: 12,5 kg



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	W	750
Max. power cons.	W	970
Rated current A at	115 V	8.7
	230 V	4.2

Motor protector

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

Power cable

H07RN-F, 3x1 mm², lenght 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
Diffuser	Polyurethane
Screws and nuts	Stainless steel

Accessories

Low suction collar
Float switch

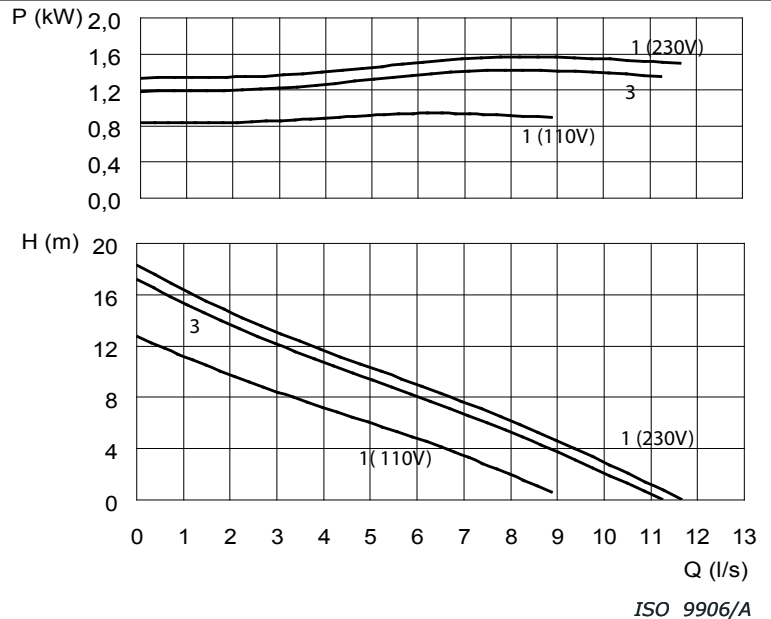
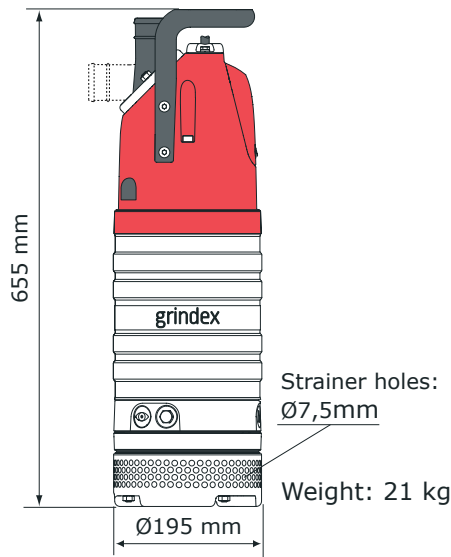
Limitations

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.

MINEX

Electrical submersible drainage 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	2860	2760
Rated output	kW	1.3	1.2
110V only	kW	0.85	
Max. power cons.	kW	1.7	1.6
110V only	kW	1.1	
Rated current A at	110 V	11	
	230 V	7.2	
	400V		2.7
	500V		2.1

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 a thermal contact in stator opening temp 125°C (= SMART-system), airvalve

Power cable

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

2", 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
Suction cover	High chrome cast iron
Diffusers	Nitrile rubber
Screws and nuts	Stainless steel
O-rings	Nitrile rubber

Accessories

Zink anodes
Float switch (only 1-phase)

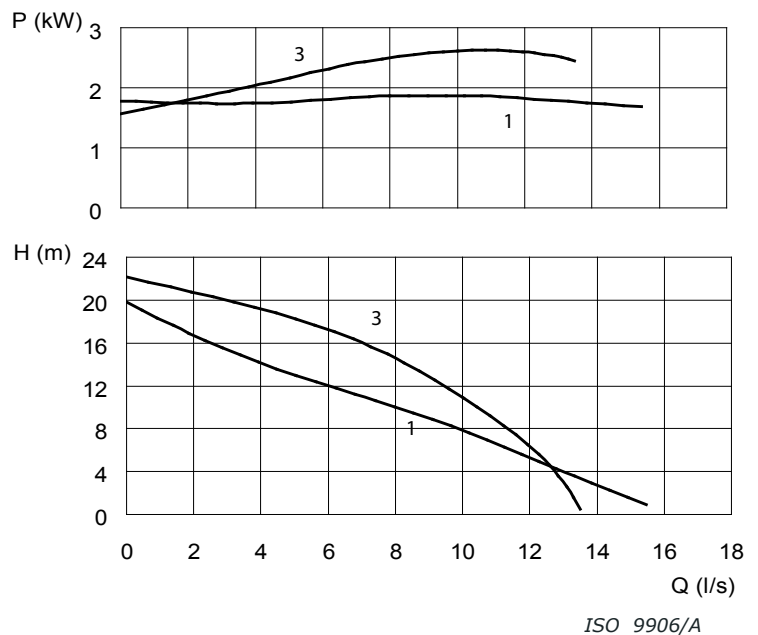
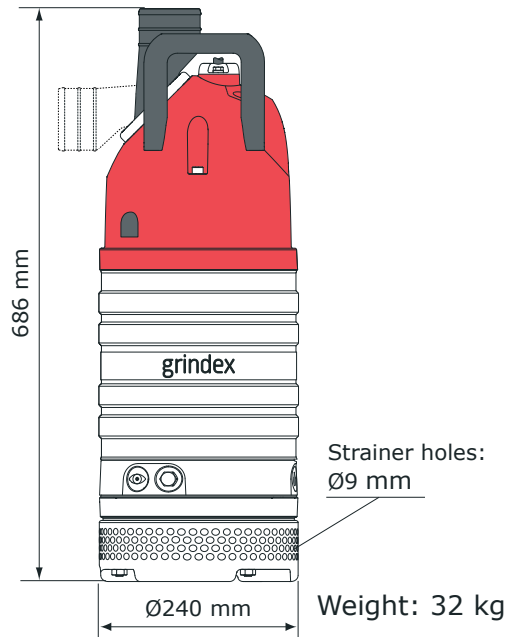
Limitations

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.

MINETTE

Electrical submersible drainage pump



Pump types

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

Classification

Electrical submersible drainage 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
Suction cover	High chrome cast iron
Diffusers	Nitrile rubber
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.