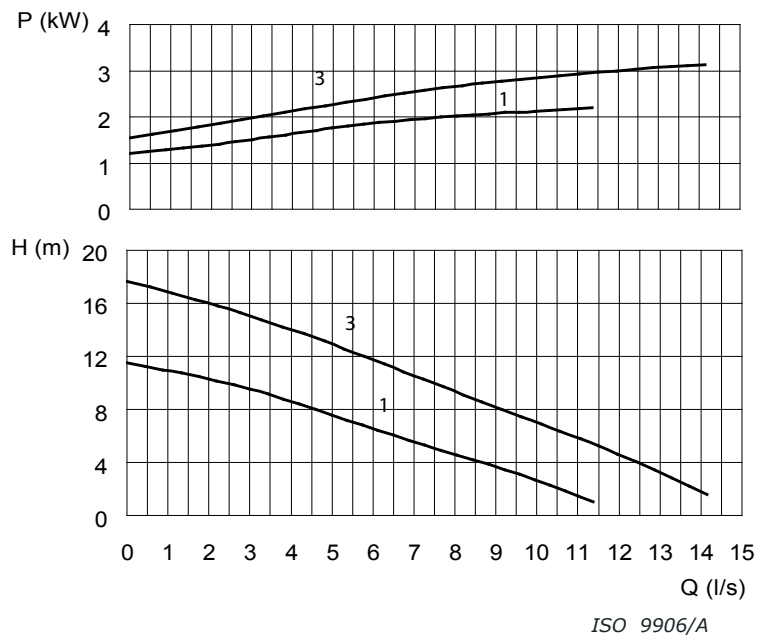
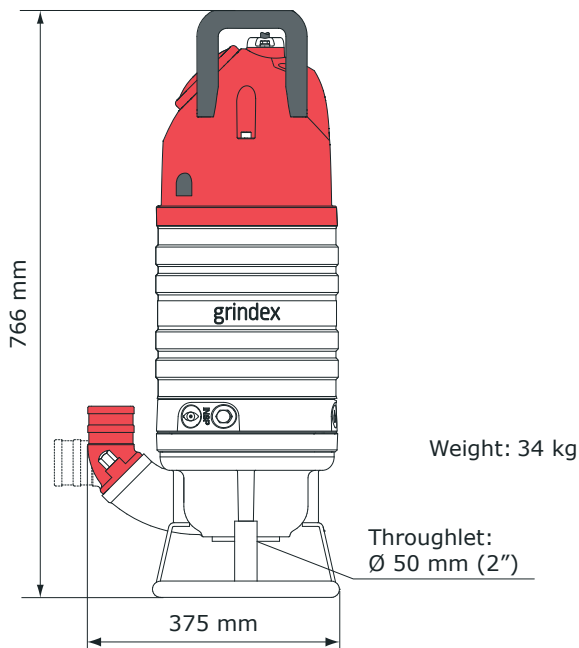


SALVADOR

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 | 3420 | 3410 |
| Rated output | kW | 1.8 | 2.6 |
| Max. power cons. | kW | 2.2 | 3.1 |
| Rated current A at | 230 V | 9.9 | |
| | 460V | | 4.7 |
| | 575V | | 3.6 |

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
14AWG/3, lenght 16m
3-phase: 4G1,5mm², lenght 20m
14AWG/4, lenght 16m

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.