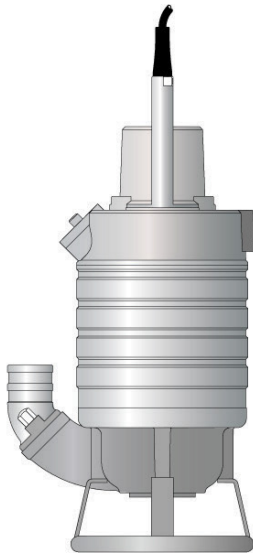


# Salvador Inox

## Electrical submersible pump 50Hz



### Pump specifications

Type	Salvador Inox
50Hz	Salvador Inox
Discharge connection	3"
Rated Power P <sub>J</sub> (kW)	2.0
Max. power consumption P <sub>I</sub> (kW)	2.7
Shaft speed (r.p.m.)	2800
Rated current at 230V	7.7 A
Rated current at 400V	4.4 A
Rated current at 500V	3.4 A
Solids passage (mm)	50
Height (mm)	645
Diameter (mm)	375
Weight (kg)	47

Other voltages on request

### Features

#### General description

Submersible sludge pump made of stainless steel for mines, processing industries and salt-water applications

#### Classification

Electrical submersible pump. Protection Class: IP68

#### Electrical motor

Squirrel cage induction motor. Insulation Class: F (IEC85)

#### Motor protection

Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator (= SMART system).  
Air valve

#### Cable - SubCab 20m (66ft)

50 Hz 230 - 500V: 4G2.5mm<sup>2</sup>  
60 Hz 230 - 575V: AWG12/4

#### Limitations

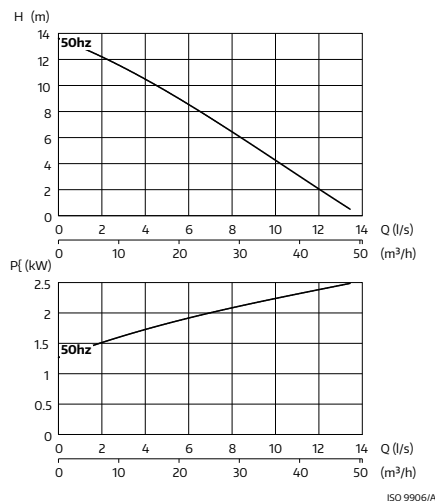
Max. submersion depth: 20m (66ft)  
Max. liquid temperature: 40°C (104°F)  
Allowed pH range: 2 - 10  
Maximum liquid density: 1100kg/m<sup>3</sup> (68lbs/ft<sup>3</sup>)

#### Shaft Seals

Double mechanical shaft seals running in an oil compartment  
Material lower seal: silicon carbide - silicon carbide  
Material upper seal: carbon - silicon carbide

#### Bearings

Ball bearings with C3 clearance



#### Discharge connection

3" hose, ISO-G BSP or NPT

#### Materials

Casted parts: Stainless steel (EN 10283-1.4412-ASTM CF-8M)  
Outer casing: Stainless steel (EN 10088-3-1.4436-AISI 316L)  
Motor shaft: Stainless steel (EN 10088-3-1.4460-AISI 329)  
Impeller: Stainless steel (EN 10283-1.4412-ASTM CF-8M)  
Screws and nuts: Stainless steel (A4)  
O-rings: Viton rubber  
Pump housing liner: Nitrile rubber

#### Accessories

Zinc anodes