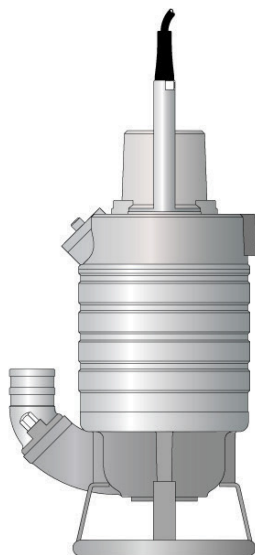


# Salvador Inox

## Stainless Steel Submersible Sludge Pump



### 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

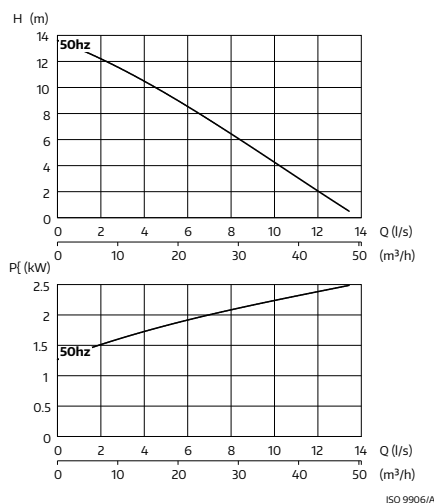
Double mechanical shaft seals running in an oil compartment

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