



S 48+50 G31T+F



#### Product codes:

Reference: 11362.02

#### Product short description:

1½" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 4 kW electric motor close coupled

**+F flange coupling according DIN. PN16**

#### Product features:

##### Main Features

Pump series: S 48+50

Pump Flow Rate: max 40 m³/h (655 l/min)

Pump head with 50 Hz grid frequency: max 40 m

Max. Solids Handling: 14 mm

Self-priming: ★★★★★

Heavy-duty: ★★★☆☆

Construction: Close Coupled

##### Pump

Type of Pump: Self-priming centrifugal pump

Suction port: DN40

Discharge port: DN40

Type of ports: DIN PN16 flange (compatible), ANSI 150lb flange

Type of self-priming: Wet-prime

Inspection cover for the impeller: Yes

Filling port: Yes



**Drain Port:** Yes

**Plug for Vacumeter:** Yes

**Plug for the Manometer:** Yes

**Material of casing:** Cast iron

**Material of impeller:** Stainless steel

**Material of wear plate:** Steel

**Material of shaft:** Stainless steel AISI316

**Material of non-return valve:** NBR (Nitrile)

**Shaft sealing:** YCV Mechanical Seal with Grease Lubrication in SiC/SiO<sub>2</sub>/FKM (Viton®) on Stainless Steel Sleeve

## Drive

**Type of drive unit:** Three-Phase Electric Motor

**Drive Manufacturer:** Victor Pumps

**Efficiency class:** IE3

**Rated Power:** 4 kW

**Maximal Rotation:** 2900 rpm (50 Hz)

**Rated voltage:** 400 V ±10% @ 50 Hz, 230 V ±10% @ 50 Hz

**Protection:** 12 Amp (380-480 V), 18 Amp (220-277 V)

**Cooling method:** IC411- TEFC

**Protection degree:** IP55

**Insulation class:** F

## Performance data

**Typical application:** waste water with solids in suspension, non-corrosive

**Product temperature:** max. 60 °C

**Ambient temperature:** max. 40 °C

**Density:** up to 1, 2 kg/dm<sup>3</sup>, for higher values you need an oversized motor

**Viscosity:** up to 20 mm<sup>2</sup>s (cSt), for higher values you need an oversized motor

**Max vacuum with water:** max 8 m (9, 5 m for 10 min)

**Max vacuum with air:** max 8, 5 m

## Additional Features

**Setup position:** Horizontal

**Coupling:** One shaft solution without any coupling

**Paint:** RAL6011 Reseda green

**External Dimensions (L x W x H):** see dimensions

**Net Weight:** see dimensions

## Product gallery:

