



S 50 G31T+TQ

**Product codes:**

Reference: X25199

**Product short description:**

2" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 2,2 kW electric motor close coupled, mounted on trolley with lifting hook and rubber wheels.

Equipped with control-panel with On/Off switch with 7 Amp thermistors, IEC plug 5 Pin 16 Amp with phase inverter

**Product features:**

Main Features
Pump series: S 50
Pump Flow Rate: max 40 m <sup>3</sup> /h (655 l/min)
Pump head with 50 Hz grid frequency: max 15 m
Max. Solids Handling: 25 mm
Self-priming: ★★☆☆☆
Heavy-duty: ★★★★★
Construction: Mobile Pumps
Frame: Single-axle trolley
Frame
Type of Tyre: 8" rubber wheel with Tractor Profile
Suitable for solid ground: Yes
Suitable for muddy and sandy terrains: Yes
Lifting hook: Yes



Can be moved by hand: Yes
Can be towed with a vehicle: Yes
Towing bar with hook: No
<b>Pump</b>
Type of Pump: Self-priming centrifugal pump
Pump manufacturer: Victor Pumps
Suction port: 2"
Discharge port: 2"
Type of ports: Female Thread BSP
Type of self-priming: Wet-prime
Inspection cover for the impeller: Yes
Filling port: Yes
Drain Port: Yes
Plug for Vacuometer: No
Plug for the Manometer: No
Material of casing: Cast iron
Material of impeller: Cast iron
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
<b>Drive</b>
Type of drive unit: Three-Phase Electric Motor
Drive Manufacturer: Victor Pumps
Efficiency class: IE2, S6-75%
Rated Power: 2, 2 kW
Maximal Rotation: 2900 rpm (50 Hz)
Rated voltage: 400 V ±10% @ 50 Hz, 230 V ±10% @ 50 Hz
Protection: 7 Amp (380-480 V), 10 Amp (220-277 V)
Cooling method: IC411- TEFC
Protection degree: IP55
Insulation class: F
<b>Performance data</b>
Typical application: waste water with solids in suspension, non-corrosive
Product temperature: max. 60 °C
Ambient temperature: max. 40 °C
Density: up to 1, 1 kg/dm <sup>3</sup> , 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

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

**Plug:** IEC 16 Amp, 5 Pin with Phase inversion

**Paint:** RAL1006 maize yellow

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

**Net Weight:** see dimensions

### Product gallery:



