



S121 G31T+TQ

**Product codes:**

Reference: #7439



**Product short description:**

4" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 11 kW electric motor close coupled mounted on trailer with towing eye, lifting hook and tyres

**Product features:**

Main Features
Pump series: S121
Pump Flow Rate: max 180 m <sup>3</sup> /h (3000 l/min)
Pump head with 50 Hz grid frequency: max 24 m
Max. Solids Handling: 45 mm
Self-priming: ★★★★★
Heavy-duty: ★★★★☆
Construction: Mobile Pumps
Frame: Single-axle Trailer
Frame
Type of Tyre: 10" Tyres 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: Yes
Document box prepared for lock: Yes
Tool box prepared for lock: No
<b>Pump</b>
Type of Pump: Self-priming centrifugal pump
Pump manufacturer: Victor Pumps
Suction port: 4"
Discharge port: 4"
Type of ports: Female Thread BSP
Type of self-priming: Wet-prime
Vaccum pump: No
Inspection cover for the impeller: Yes
Filling port: Yes
Drain Port: Yes
Plug for Vacuometer: Option
Plug for the Manometer: Option
Material of casing: Cast iron
Material of impeller: Ductile Cast-iron
Material of wear plate: Steel
Material of shaft: Stainless steel AISI420
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: IE1, S6-75%
Rated Power: 11 kW
Maximal Rotation: 1450 rpm (50 Hz)
Rated voltage: 400 V ±10% @ 50 Hz, 690 V ±10% @ 50 Hz
Protection: 26 Amp (380-480 V), 16 Amp (660-725 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



**Viscosity:** up to 30 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

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

**Switchboard:** Yes

**Indicators on the panel:** Mains Voltage, Pump ON, Overload

**Plug:** IEC 32 Amp, 5 Pin with Phase inversion

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

**Net Weight:** see dimensions

## Product gallery:





