

S121 G31T+TQ



Product codes:

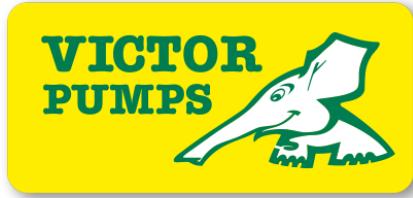
Reference: #7439

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 ³ /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

Pump

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 Vacumeter: 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/SiO₂/FKM (Viton®) on Stainless Steel Sleeve

Drive

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

Performance data

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

Product temperature: max. 60 °C

Ambient temperature: max. 40 °C



Viscosity: up to 30 mm²s (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, 400 V, 5 Pin with Phase inversion

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

Net Weight: see dimensions

Product gallery:

