



S 83 G31T+TQ

Product codes:

Reference: #7456



Product short description:

3" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 7,5 kW electric motor close coupled, mounted on trolley with lifting hook and rubber wheels.

Product features:

Main Features
Pump series: S 83
Pump Flow Rate: max 85 m ³ /h (1400 l/min)
Pump head with 50 Hz grid frequency: max 35 m
Max. Solids Handling: 27 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: Yes
Document box prepared for lock: No
Tool box prepared for lock: No
Tank on engine: No
Tank integrated in frame: No
Pump
Type of Pump: Self-priming centrifugal pump
Pump manufacturer: Victor Pumps
Suction port: 3"
Discharge port: 3"
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: No
Plug for the Manometer: No
Material of casing: Cast iron
Material of impeller: Ductile 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 ₂ /FKM (Viton®) on Stainless Steel
Sleeve
Drive
Type of drive unit: Three-Phase Electric Motor
Drive Manufacturer: Victor Pumps
Efficiency class: IE3
Rated Power: 7, 5 kW (10 HP)
Maximal Rotation: 2900 rpm (50 Hz)
Rated voltage: 400 V ±10% @ 50 Hz, 690 V ±10% @ 50 Hz
Protection: 16 Amp (380-480 V), 11 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



Density: up to 1, 2 kg/dm³, for higher values you need an oversized motor

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

Additional Features

Switchboard: Yes

Plug: IEC 16 Amp, 400 V, 5 Pin with Phase inversion

Net Weight: see dimensions



