



S 80+60 G31T+TQ



Product codes:

Reference: X29739

Product short description:

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

Product features:

Main Features
Pump series: S 80+60
Pump Flow Rate: max 83 m ³ /h (1383 l/min)
Pump head with 50 Hz grid frequency: max 24 m
Max. Solids Handling: 32 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: 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: 5, 5 kW
Maximal Rotation: 2900 rpm (50 Hz)
Rated voltage: 400 V ±10% @ 50 Hz, 690 V ±10% @ 50 Hz
Protection: 15 Amp (380-480 V), 8 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



Ambient temperature: max. 40 °C

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

Viscosity: up to 20 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 7,5 m

Additional Features

Coupling: One shaft solution without any coupling

Switchboard: Yes

Indicators on the panel: On/Off

Plug: IEC 16 Amp, 5 Pin with Phase inversion

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

Net Weight: see dimensions

Product gallery:

