



S 80 G31T+TQ



Product codes:

Reference: X27143

Product short description:

3" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 4 kW electric motor close coupled, mounted on trolley with lifting hook and rubber wheel.

Product features:

Main Features
Pump series: S 80
Pump Flow Rate: max 75 m ³ /h (1250 l/min)
Pump head with 50 Hz grid frequency: max 20 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 Vacumeter: 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/SiO₂/FKM (Viton®) on Stainless Steel

Sleeve

Drive

Type of drive unit: Three-Phase Electric Motor

Drive Manufacturer: Victor Pumps

Efficiency class: IE3

Rated Power: 4 kW

Maximal Rotation: 2900 rpm (50 Hz)

Rated voltage: 400 V ±10% @ 50 Hz, 230 V ±10% @ 50 Hz

Protection: 12 Amp (380-480 V), 18 Amp (220-277 V)

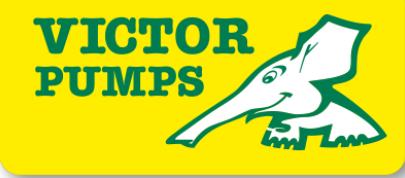
Cooling method: IC411- TEFC

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 5 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, 400 V, 5 Pin with Phase inversion

Paint: RAL1006 maize yellow

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

Net Weight: see dimensions

Product gallery:

