



S 80+60 G31RZ+T

Product codes:

Reference: 30559.02

Product short description:

3" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and Diesel engine, mounted on trolley with lifting hook and rubber wheels.

Product features:

Main Features
Pump series: S 80+60
Pump Flow Rate: max 87 m ³ /h (1450 l/min)
Pump head with 50 Hz grid frequency: max 30 m
Max. Solids Handling: 32 mm
Self-priming: ★★☆☆☆
Heavy-duty: ★★☆☆☆
Construction: Mobile Pumps
Frame: Single-axle Trailer
Suitable for the EU sales area: Yes
Suitable for the US sales area: No
Suitable for non regulated sales areas: Yes
Frame
Type of Tyre: Solid rubber wheels 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: No
Towing bar with hook: No
Document box prepared for lock: No
Tool box prepared for lock: No
Tank on engine: Yes
Tank integrated in frame: No
Tank Capacity: 5 l
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: Option
Plug for the Manometer: Option
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: Diesel
Drive Manufacturer: Hatz
Drive code: 1B40
Exhaust gas regulation: Stage V
Manual Start: Yes
Electric start: No
No. of Cylinder: 1
Strokes: 4-stroke
Displacement: 462 cm ³



Rated Power: 7, 5 kW (10 HP)

Maximal Rotation: 3300 rpm

Cooling: Air cooled

Performance data

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

Product temperature: max. 60 °C

Ambient temperature: max. 40 °C

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

Viscosity: up to 5 mm²/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 7, 5 m

Additional Features

Paint: RAL1006 maize yellow

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

Net Weight: see dimensions

Product gallery:

