



S161 G31B



Product codes:

Reference: 3493

Product short description:

6" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve, pedestal and bare shaft.

Product features:

Main Features
Pump series: S161
Pump Flow Rate: max 340 m³/h (5667 l/min)
Pump head with 50 Hz grid frequency: max 20 m
Max. Solids Handling: 54 mm
Self-priming: ★★★★★☆
Heavy-duty: ★★★★★☆
Construction: Bare shaft
Pump
Type of Pump: Self-priming centrifugal pump
Suction port: 6"
Discharge port: 6"
Type of ports: Counter flanges to weld
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: Ductile Cast-iron
Material of wear plate: Ductile Cast-iron
Material of shaft: Stainless steel AISI420
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: Without drive
Rated Power: 18, 5 kW
Maximal Rotation: 1450 rpm (50 Hz)
Performance data
Typical application: waste water with solids in suspension, non-corrosive
Product temperature: max. 90 °C
Ambient temperature: max. 40 °C
Density: up to 1, 1 kg/dm ³ , for higher values you need an oversized motor
Viscosity: up to 30 mm ² 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 6 m
Additional Features
Setup position: Horizontal
Coupling: Without
Arrangement: None
Paint: RAL6011 Reseda green
External Dimensions (L x W x H): see dimensions
Net Weight: see dimensions

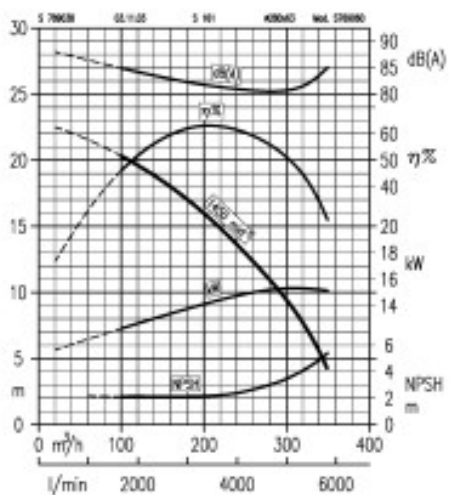
Product gallery:

S 161 - 50 Hz

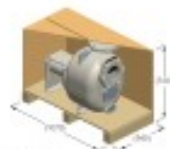
Laufrad:
Impeller: 200 mm Ø
Orange:

Feststoffe bis:
Solids up to: 54 mm Ø
Solid two a:

Umdrehung:
Speed: 1450 min⁻¹
Velocity:



3161-8


$$k_g = 207$$

$$r^2 = 0.42$$


kg = 123

