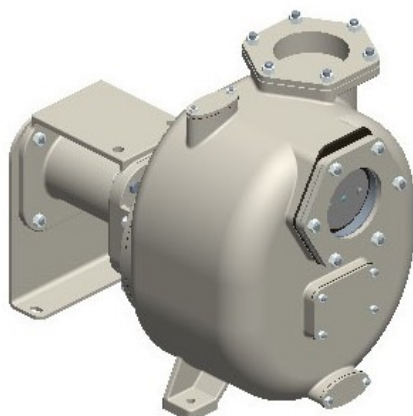




S180+50 G33B+PS



Product codes:

Reference: 35519.01

Product short description:

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

+PS automatic lubricator for mechanical seal

Product features:

Main Features
Pump series: S180+50
Pump Flow Rate: max 340 m ³ /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

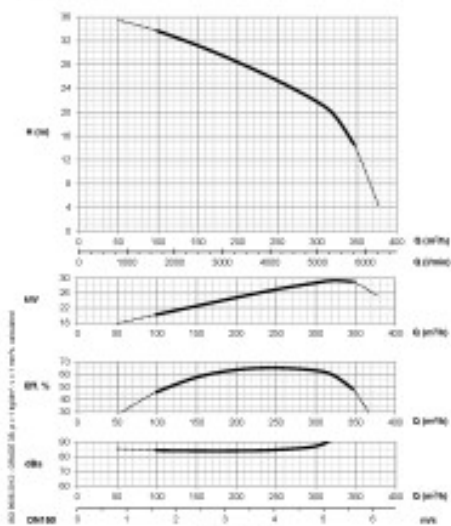


Plug for Vacuometer: Option
Plug for the Manometer: Option
Material of casing: Cast iron
Material of impeller: Ductile Cast-iron
Material of wear plate: Steel
Material of shaft: Stainless steel AISI420
Material of non-return valve: NBR (Nitrile)
Shaft sealing: YYV Mechanical Seal with Grease Lubrication in SiC/SiC/FKM(Viton®) on Stainless Steel Sleeve AISI316
Drive
Type of drive unit: Without drive
Rated Power: 30 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 20 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

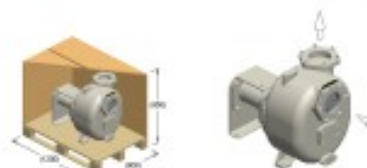
Product gallery:

S180+50 - 50 Hz

Laufzeit Impeller Drehzeit	Ø 342 mm	Castoffs bis Stärke up to B500 No. 2	Ø 40 mm	Umdrehung Speed Velocity	~ 1400 min./l
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www.elsevier.com/locate/jmrDimensional composite unit, unit
G-100-D, B

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$$k_g = 279$$

$$r^2 = 0.82$$

log = 243

