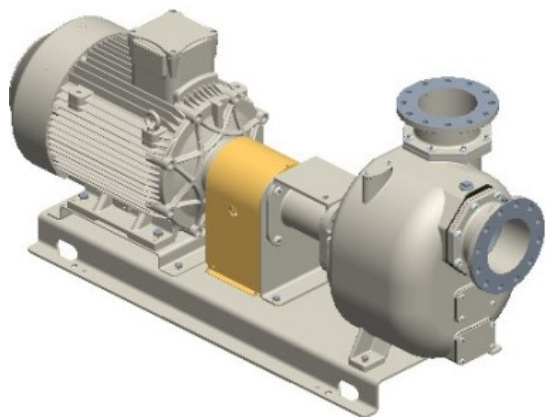




S230+50 G31B+F/T



Product codes:

Reference: 35540.42

Product short description:

8" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 55 kW electric motor, on baseplate with coupling and guard.

+F flange coupling according DIN. PN16

Product features:

Main Features
Pump series: S230+50
Pump Flow Rate: max 600 m ³ /h (10000 l/min)
Pump head with 50 Hz grid frequency: max 28 m
Max. Solids Handling: 72 mm
Self-priming: ★★★★★
Heavy-duty: ★★☆☆☆
Construction: Classic
Pump
Type of Pump: Self-priming centrifugal pump
Suction port: DN200
Discharge port: DN200
Type of ports: DIN PN16 flange (compatible), ANSI 150lb flange
Inspection cover for the impeller: Yes
Filling port: Yes
Drain Port: Yes

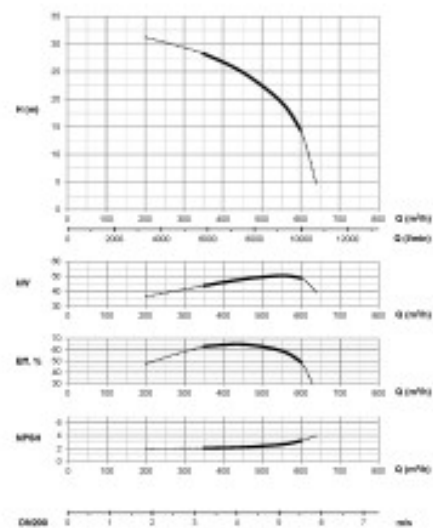


Plug for the Manometer: Yes
Material of casing: Cast iron
Material of impeller: Ductile Cast-iron
Material of wear plate: Steel
Material of shaft: Stainless steel AISI420
Material of non-return valve: NBR (Nitrile)
Shaft sealing: YCV Mechanical Seal with Grease Lubrication in SiC/SiO ₂ /FKM (Viton®) on Stainless Steel Sleeve AISI420
Drive
Type of drive unit: Three-Phase Electric Motor
Drive Manufacturer: WEG
Efficiency class: IE3
Rated Power: 55 kW
Maximal Rotation: 1450 rpm (50 Hz)
Rated voltage: 400 V $\pm 10\%$ @ 50 Hz, 690 V $\pm 10\%$ @ 50 Hz
Protection: 110 Amp (380-480 V), 63 Amp (660-725 V)
Mounting: B3
Frame: IEC 250M
Cooling method: IC411- TEFC
Protection degree: IP55
Insulation class: F
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: Elastic coupling with steel coupling guard
Arrangement: Steel base plate
Paint: RAL6011 Reseda green
External Dimensions (L x W x H): see dimensions
Net Weight: see dimensions

Product gallery:

S230+50 - 50 Hz

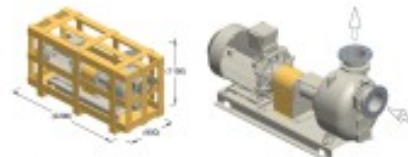
Leistung Impeller Drehzahl	Ø 302 mm 1400 U/min	Feststoffgröße Behältergröße Behältergröße	72 mm Ø 1000 l 1000 l	Umschlagzeit Spezial Verschluss	1,600 min. f 1,600 min. f 1,600 min. f
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— oscar.williams@psg.com

6236-00 G_0-F/T

2020/05/24 / 21:25:24


$$\begin{aligned} \kappa_2 &= 1.101 \\ \eta^2 &= 2.209 \end{aligned}$$

log = 1058

