



S105 G31T+F+PS

Product codes:

Reference: 13462.03



Product short description:

4" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 5,5 kW electric motor close coupled

+F flange coupling according DIN. PN16

+PS automatic lubricator for mechanical seal

Product features:

Main Features
Pump series: S105
Pump Flow Rate: max 150 m ³ /h (2500 l/min)
Pump head with 50 Hz grid frequency: max 15 m
Max. Solids Handling: 45 mm
Self-priming: ★★☆☆☆
Heavy-duty: ★★★★★
Construction: Close Coupled
Pump
Type of Pump: Self-priming centrifugal pump
Suction port: DN100
Discharge port: DN100
Type of ports: DIN PN16 flange (compatible), ANSI 150lb flange
Type of self-priming: Wet-prime



Filling port: Yes
Drain Port: Yes
Plug for Vacumeter: 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
Drive
Type of drive unit: Three-Phase Electric Motor
Drive Manufacturer: Victor Pumps
Efficiency class: IE1, S6-75%
Rated Power: 5, 5 kW
Rated voltage: 400 V ±10% @ 50 Hz, 690 V ±10% @ 50 Hz
Protection: 15 Amp (380-480 V), 8 Amp (660-725 V)
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. 60 °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 1 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
Paint: RAL6011 Reseda green
External Dimensions (L x W x H): 789 x 388 x 545 mm
Net Weight: 128 kg

Product gallery:

