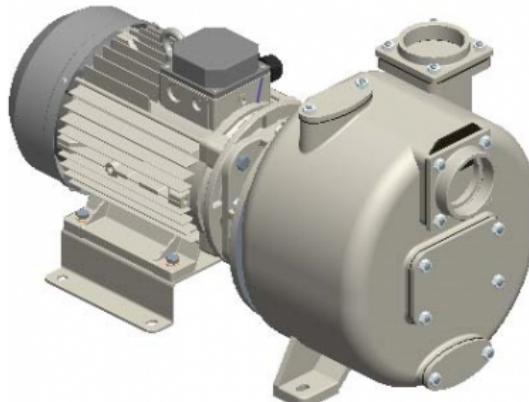


S 91 G33T+PS



Product codes:

Reference: 13401.01

Product short description:

3" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 7,5 kW electric motor close coupled

+PS automatic lubricator for mechanical seal

Product features:

Main Features
Pump series: S 91
Pump Flow Rate: max 110 m ³ /h (1800 l/min)
Pump head with 50 Hz grid frequency: max 24 m
Max. Solids Handling: 35 mm
Self-priming: ★★★★☆
Heavy-duty: ★★★★★
Construction: Close Coupled
Pump
Type of Pump: Self-priming centrifugal pump
Suction port: 3"
Discharge port: 3"
Type of ports: Female Thread BSP
Type of self-priming: Wet-prime



Plug for Vacumeter: 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+N Mechanical Seal with Grease Lubrication in SiC/SiC/FKM(Viton®)+Nitrile on Stainless Steel Sleeve AISI316

Drive

Type of drive unit: Three-Phase Electric Motor

Drive Manufacturer: Victor Pumps

Efficiency class: IE1, S6-75%

Rated Power: 7, 5 kW (10 HP)

Maximal Rotation: 1450 rpm (50 Hz)

Rated voltage: 400 V ±10% @ 50 Hz, 690 V ±10% @ 50 Hz

Protection: 16 Amp (380-480 V), 11 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/dm³, for higher values you need an oversized motor

Viscosity: up to 5 mm²s (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

Setup position: Horizontal

Coupling: One shaft solution without any coupling

Paint: RAL6011 Reseda green

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

Net Weight: see dimensions

Product gallery:

