



S 40 G31T+PS



Product codes:

Reference: 1812.01

Product short description:

1½" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 1,1 kW electric motor close coupled
+PS automatic lubricator for mechanical seal

Product features:

Main Features

Pump series: S 40

Pump Flow Rate: max 22 m³/h (360 l/min)

Pump head with 50 Hz grid frequency: max 15 m

Max. Solids Handling: 20 mm

Self-priming: ★★☆☆☆

Heavy-duty: ★★★★★

Construction: Close Coupled

Pump

Type of Pump: Self-priming centrifugal pump

Suction port: 1½"

Discharge port: 1½"

Type of ports: Female Thread BSP

Type of self-priming: Wet-prime

Inspection cover for the impeller: Yes

Filling port: Yes



Drain Port: Yes

Plug for Vacumeter: Option

Plug for the Manometer: Option

Material of casing: Cast iron

Material of impeller: Cast iron

Material of wear plate: Steel

Material of shaft: Stainless steel AISI316

Material of non-return valve: NBR (Nitrile)

Shaft sealing: YCV Mechanical Seal with Grease Lubrication in SiC/SiO₂/FKM (Viton®) on Stainless Steel Sleeve

Drive

Type of drive unit: Three-Phase Electric Motor

Drive Manufacturer: Victor Pumps

Efficiency class: IE2, S6-75%, (IE3 on request)

Rated Power: 1, 1 kW

Maximal Rotation: 2900 rpm (50 Hz)

Rated voltage: 400 V $\pm 10\%$ @ 50 Hz, 230 V $\pm 10\%$ @ 50 Hz

Protection: 4 Amp (380-480 V), 6 Amp (220-277 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 30 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 6 m

Additional Features

Setup position: Horizontal

Coupling: One shaft solution without any coupling

Paint: RAL6011 Reseda green

External Dimensions (L x W x H): 461 x 210 x 256 mm

Net Weight: 29 kg

Product gallery:

