



S 40 GC31T15-6K+F+PS



Product codes:

Reference: 1807.03

Product short description:

1½" Self-priming centrifugal pump in cast iron with cutter device, mechanical seal, grease-lubricated, non return valve and 1,5 kW electric motor close coupled
-6 = suitable for 60 Hz operation
K = PTC thermistors, thermal protection for the electric motor and suitable for inverter use
+F flange coupling according DIN. PN16
+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
Pump manufacturer: Victor Pumps
Suction port: DN40
Discharge port: DN40
Type of ports: DIN PN16 flange (compatible)



Type of self-priming: Wet-prime

Inspection cover for the impeller: Yes

Filling port: Yes

Drain Port: Yes

Plug for Vacumeter: Yes

Plug for the Manometer: Yes

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, 5 kW (2 HP)

Maximal Rotation: 2900 rpm (50 Hz)

Rated voltage: 400 V ±10% @ 50 Hz, 230 V ±10% @ 50 Hz

Protection: 4 Amp (380-480 V), 5 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, 4 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

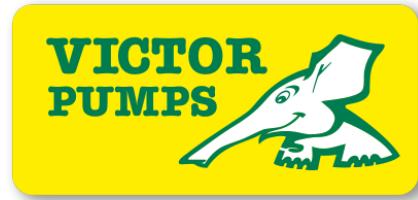
Additional Features

Setup position: Horizontal

Coupling: One shaft solution without any coupling

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

Net Weight: see dimensions



Product gallery:

