



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/SiO <sub>2</sub> /FKM (Viton®) on Stainless Steel Sleeve
<b>Drive</b>
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
<b>Performance data</b>
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/dm <sup>3</sup> , for higher values you need an oversized motor
Viscosity: up to 30 mm <sup>2</sup> 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
<b>Additional Features</b>
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:



