



S 40 GC31T15-6+F+PS



#### Product codes:

Reference: X22475

#### 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

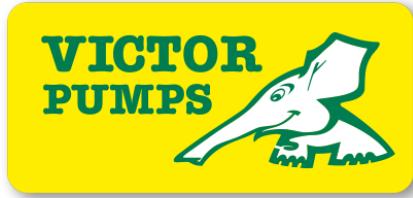
-6 = suitable for 60 Hz operation

**+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

## 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), 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/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

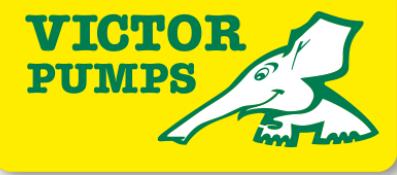
## Additional Features

**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:

