



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                             |



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|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Drain Port:</b> Yes                                                                                                            |
| <b>Plug for Vacuometer:</b> Option                                                                                                |
| <b>Plug for the Manometer:</b> Option                                                                                             |
| <b>Material of casing:</b> Cast iron                                                                                              |
| <b>Material of impeller:</b> Cast iron                                                                                            |
| <b>Material of wear plate:</b> Steel                                                                                              |
| <b>Material of shaft:</b> Stainless steel AISI316                                                                                 |
| <b>Material of non-return valve:</b> NBR (Nitrile)                                                                                |
| <b>Shaft sealing:</b> YCV Mechanical Seal with Grease Lubrication in SiC/SiO <sub>2</sub> /FKM (Viton®) on Stainless Steel Sleeve |
| <b>Drive</b>                                                                                                                      |
| <b>Type of drive unit:</b> Three-Phase Electric Motor                                                                             |
| <b>Drive Manufacturer:</b> Victor Pumps                                                                                           |
| <b>Efficiency class:</b> IE2, S6-75%, (IE3 on request)                                                                            |
| <b>Rated Power:</b> 1, 1 kW                                                                                                       |
| <b>Maximal Rotation:</b> 2900 rpm (50 Hz)                                                                                         |
| <b>Rated voltage:</b> 400 V ±10% @ 50 Hz, 230 V ±10% @ 50 Hz                                                                      |
| <b>Protection:</b> 4 Amp (380-480 V), 6 Amp (220-277 V)                                                                           |
| <b>Cooling method:</b> IC411- TEFC                                                                                                |
| <b>Protection degree:</b> IP55                                                                                                    |
| <b>Insulation class:</b> F                                                                                                        |
| <b>Performance data</b>                                                                                                           |
| <b>Typical application:</b> waste water with solids in suspension, non-corrosive                                                  |
| <b>Product temperature:</b> max. 60 °C                                                                                            |
| <b>Ambient temperature:</b> max. 40 °C                                                                                            |
| <b>Density:</b> up to 1, 1 kg/dm <sup>3</sup> , for higher values you need an oversized motor                                     |
| <b>Viscosity:</b> up to 30 mm <sup>2</sup> s (cSt), for higher values you need an oversized motor                                 |
| <b>Max vacuum with water:</b> max 8 m (9, 5 m for 10 min)                                                                         |
| <b>Max vacuum with air:</b> max 6 m                                                                                               |
| <b>Additional Features</b>                                                                                                        |
| <b>Setup position:</b> Horizontal                                                                                                 |
| <b>Coupling:</b> One shaft solution without any coupling                                                                          |
| <b>Paint:</b> RAL6011 Reseda green                                                                                                |
| <b>External Dimensions (L x W x H):</b> 461 x 210 x 256 mm                                                                        |
| <b>Net Weight:</b> 29 kg                                                                                                          |

**Product gallery:**

# VICTOR PUMPS

