



S 40 G31BBT+F+PS

**Product codes:**

Reference: 11100.43



**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 Bi-Block (B5 standard motor flange-mounted on the pump bearing bracket)  
**+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: Bi-Block                                         |
| 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), ANSI 150lb flange |



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|----------------------------------------------------------------------------------------------------------------------------|
| Type of self-priming: Wet-prime                                                                                            |
| Inspection cover for the impeller: Yes                                                                                     |
| Filling port: Yes                                                                                                          |
| Drain Port: Yes                                                                                                            |
| Plug for Vacuometer: 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: WEG                                                                                                    |
| Efficiency class: IE3                                                                                                      |
| Rated Power: 1, 1 kW                                                                                                       |
| 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)                                                                           |
| Mounting: B5                                                                                                               |
| Frame: IEC 80                                                                                                              |
| 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. 90 °C                                                                                            |
| Ambient temperature: max. 40 °C                                                                                            |
| Density: up to 1, 1 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: coupling integrated in the bracket                                                                               |
| Paint: RAL6011 Reseda green                                                                                                |
|                                                                                                                            |



