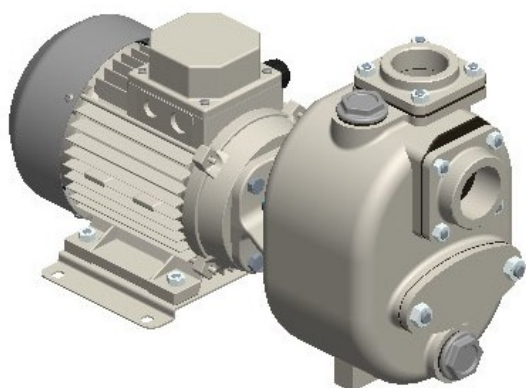# S 40 G31M+PS

**Product codes:**

Reference: 11091.01

## Product short description:

1½" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve on carrying frame for 1 person assembled with a 1,1 kW single-phase electric motor +**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:** 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 | |

| | |
|---|---|
| **Vaccum pump:** No | |
| **Inspection cover for the impeller:** Yes | |
| **Filling port:** Yes | |
| **Drain Port:** Yes | |
| **Plug for Vacumeter:** No | |
| **Plug for the Manometer:** No | |
| **Material of casing:** Cast iron | |
| **Material of impeller:** Cast iron | |
| **Material of wear plate:** Steel | |
| **Material of shaft:** Stainless steel AISI304 | |
| **Material of non-return valve:** NBR (Nitrile) | |
| **Shaft sealing:** YCV Mechanical Seal with Grease Lubrication in SiC/SiO$_2$/FKM (Viton®) on Stainless Steel Sleeve | |

## Drive

| | |
|---|---|
| **Type of drive unit:** Single-phase electric motor |
| **Drive Manufacturer:** Victor Pumps |
| **Rated Power:** 1, 1 kW |
| **Maximal Rotation:** 2900 rpm (50 Hz) |
| **Rated voltage:** 230 V ±10% @ 50 Hz |
| **Protection:** 10, 5 Amp (220-240 V) |
| **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, 1 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 7, 5 m |

## Additional Features

| | |
|---|---|
| **Paint:** RAL6011 Reseda green |
| **External Dimensions (L x W x H):** see dimensions |
| **Net Weight:** see dimensions |

**Product gallery:**

# S 40 - 50 Hz

| Laufrad Impeller Ghiante | Ø 159 mm | Freitstoffe bis Solids up to Solid fino a | Ø 20 mm | Umdrehung Speed Velocità | ~ 2900 min-1 |

S 40 ...B



kg = 34
m³ = 0.13

kg = 29