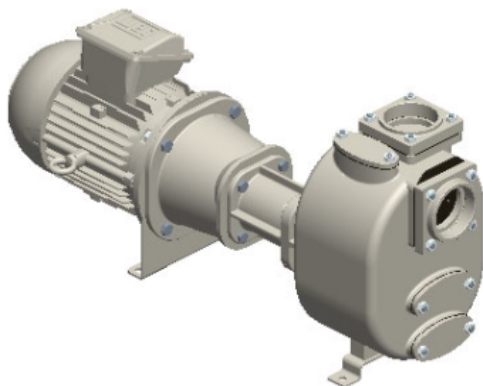




S 80 G31BBT



**Product codes:**

Reference: 1445.40

**Product short description:**

3" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 4 kW electric motor Bi-Block (B5 standard motor flange-mounted on the pump bearing bracket)

**Product features:**

Main Features
Pump series: S 80
Pump Flow Rate: max 75 m <sup>3</sup> /h (1250 l/min)
Pump head with 50 Hz grid frequency: max 20 m
Max. Solids Handling: 32 mm
Self-priming: ★★☆☆☆
Heavy-duty: ★★★★★
Construction: Bi-Block
Pump
Type of Pump: Self-priming centrifugal pump
Pump manufacturer: Victor Pumps
Suction port: 3"
Discharge port: 3"
Type of ports: Female Thread BSP
Type of self-priming: Wet-prime
Inspection cover for the impeller: Yes



Filling port: Yes
Drain Port: Yes
Plug for Vacuometer: Option
Plug for the Manometer: Option
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: 4 kW
Maximal Rotation: 2900 rpm (50 Hz)
Rated voltage: 400 V ±10% @ 50 Hz, 230 V ±10% @ 50 Hz
Protection: 12 Amp (380-480 V), 18 Amp (220-277 V)
Mounting: B5
Frame: IEC 112M
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, 4 kg/dm <sup>3</sup> , for higher values you need an oversized motor
Viscosity: up to 5 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 7, 5 m
<b>Additional Features</b>
Setup position: Horizontal
Coupling: coupling integrated in the bracket
Paint: RAL6011 Reseda green
External Dimensions (L x W x H): see dimensions
Net Weight: see dimensions



