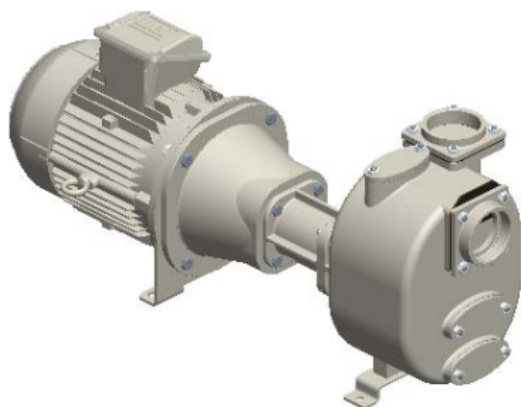




S 83 G31BBT



Product codes:

Reference: 4218.40

Product short description:

3" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 7,5 kW electric motor Bi-Block (B5 standard motor flange-mounted on the pump bearing bracket)

Product features:

Main Features
Pump series: S 83
Pump Flow Rate: max 85 m ³ /h (1400 l/min)
Pump head with 50 Hz grid frequency: max 35 m
Max. Solids Handling: 27 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
Plug for Vacuometer: Option

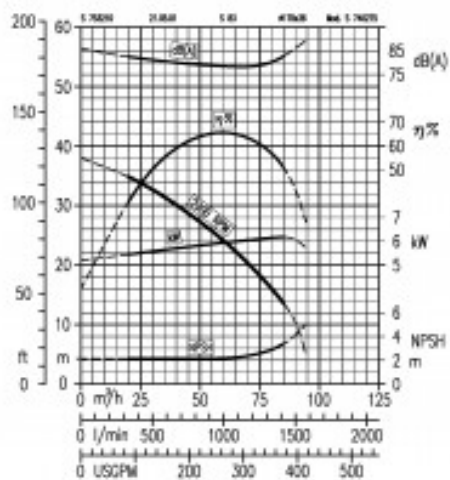


Plug for the Manometer: Option
Material of casing: Cast iron
Material of impeller: Cast iron
Material of wear plate: Steel
Material of shaft: Stainless steel AISI316
Material of non-return valve: NBR (Nitrile)
Shaft sealing: YCV Mechanical Seal with Grease Lubrication in SiC/SiO ₂ /FKM (Viton®) on Stainless Steel Sleeve
Drive
Type of drive unit: Three-Phase Electric Motor
Drive Manufacturer: WEG
Efficiency class: IE3
Rated Power: 7, 5 kW (10 HP)
Maximal Rotation: 2900 rpm (50 Hz)
Rated voltage: 400 V ±10% @ 50 Hz, 690 V ±10% @ 50 Hz
Protection: 16 Amp (380-480 V), 11 Amp (660-725 V)
Mounting: B5
Frame: IEC 132S
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. 90 °C
Ambient temperature: max. 40 °C
Density: up to 1, 2 kg/dm ³ , for higher values you need an oversized motor
Viscosity: up to 30 mm ² 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 8, 5 m
Additional Features
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

Product gallery:

S 83 - 50 Hz

Laufzeit: Impuls: Größe:	170 mm Ø	Feststoffleuchte: Solids up to: Solid fino a:	27 mm Ø	Umdrehung: Speed: Velocity:	2900 min ⁻¹
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