



S 83 G31T+F+PS



Product codes:

Reference: 11458.03

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 close coupled

+F flange coupling according DIN. PN16

+PS automatic lubricator for mechanical seal

Product features:

| Main Features |
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| 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: Close Coupled |
| Pump |
| Type of Pump: Self-priming centrifugal pump |
| Pump manufacturer: Victor Pumps |
| Suction port: DN80 |
| Discharge port: DN80 |
| Type of ports: DIN PN16 flange (compatible), ANSI 150lb flange |
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| 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 ₂ /FKM (Viton®) on Stainless Steel Sleeve |
| Drive |
| Type of drive unit: Three-Phase Electric Motor |
| Drive Manufacturer: Victor Pumps |
| 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) |
| 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. 60 °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: One shaft solution without any coupling |
| Paint: RAL6011 Reseda green |
| External Dimensions (L x W x H): 702 x 344 x 434 mm |
| Net Weight: 97 Kg |

Product gallery:

