



S 45+50 G31T+F



Product codes:

Reference: 11510.02

Product short description:

1½" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 2,2 kW electric motor close coupled
+F flange coupling according DIN. PN16

Product features:

| Main Features |
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| Pump series: S 45+50 |
| Pump Flow Rate: max 22 m³/h (360 l/min) |
| Pump head with 50 Hz grid frequency: max 30 m |
| Max. Solids Handling: 17 mm |
| Self-priming: ★★★★★ |
| Heavy-duty: ★★★☆☆ |
| Construction: Close Coupled |
| Pump |
| Type of Pump: Self-priming centrifugal pump |
| Suction port: DN40 |
| Discharge port: DN40 |
| Type of ports: DIN PN16 flange (compatible), ANSI 150lb flange |
| Type of self-priming: Wet-prime |
| Inspection cover for the impeller: Yes |
| Filling port: Yes |



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| 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 ₂ /FKM (Viton®) on Stainless Steel Sleeve |
| Drive |
| Type of drive unit: Three-Phase Electric Motor |
| Drive Manufacturer: Victor Pumps |
| Efficiency class: IE2, S6-75%, (IE3 on request) |
| Rated Power: 2, 2 kW |
| Maximal Rotation: 2900 rpm (50 Hz) |
| Rated voltage: 400 V ±10% @ 50 Hz, 230 V ±10% @ 50 Hz |
| Protection: 7 Amp (380-480 V), 10 Amp (220-277 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, 1 kg/dm ³ , for higher values you need an oversized motor |
| Viscosity: up to 5 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): 556 x 277 x 352 mm |
| Net Weight: 44 kg |

Product gallery:

