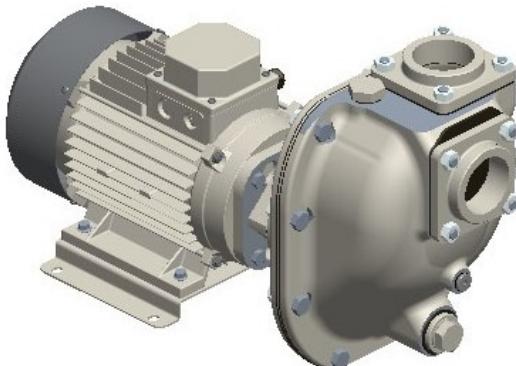


S 51+50 K312T



Product codes:

Reference: 2503

Product short description:

2" Self-priming centrifugal pump in stainless steel with mechanical seal, grease-lubricated, non return valve and 2,2 kW electric motor close coupled

Product features:

Main Features
Pump series: S 51+50
Pump Flow Rate: max 40 m ³ /h (655 l/min)
Pump head with 50 Hz grid frequency: max 16 m
Max. Solids Handling: 25 mm
Self-priming: ★★★☆☆
Heavy-duty: ★★★★☆
Construction: Close Coupled
Pump
Type of Pump: Self-priming centrifugal pump
Suction port: 2"
Discharge port: 2"
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 Vacumeter: Option

Plug for the Manometer: Option

Material of casing: Stainless steel

Material of impeller: Stainless steel

Material of wear plate: Stainless steel

Material of shaft: Stainless steel AISI316

Material of non-return valve: FKM (Viton)

Shaft sealing: YCV Mechanical Seal with Grease Lubrication in SiC/SiO₂/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/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

Setup position: Horizontal

Coupling: One shaft solution without any coupling

Paint: RAL6011 Reseda green

External Dimensions (L x W x H): see dimensions

Net Weight: see dimensions

Product gallery:

