S 65 G31T44-6+F

Product codes:

Reference: 31000194

Product short description:

#90220

Product features:

Main Features	
Pump series: S 65	
Pump Flow Rate: max 40 m³/h (655 l/min)	
Pump head with 50 Hz grid frequency: max 13 m	
Pump head with 60 Hz grid frequency: max 25 m	
Max. Solids Handling: 25 mm	
Self-priming: ★★☆☆☆	
Heavy-duty: ★★★★★	
Construction: Close Coupled	
Pump	
Type of Pump: Self-priming centrifugal pump	
Pump manufacturer: Victor Pumps	
Suction port: DN50	
Discharge port: DN50	
Type of ports: DIN PN16 flange (compatible), ANSI 150lb flange	
Type of self-priming: Wet-prime	

Filling port: Yes	
Drain Port: Yes	
Plug for Vacumeter: Yes	
Plug for the Manometer: Yes	
Material of casing: Cast iron	
Material of impeller: Ductile Cast-iron	
Material of wear plate: Steel	
Material of shaft: Stainless steel AISI420	
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: IE1, S6-75%	
Rated Power: 4 kW	
Maximal Rotation: 1450 rpm (50 Hz), 1750 rpm (60 Hz)	
Rated voltage: 400 V ±10% @ 50 Hz, 460 V ±10% @ 60 Hz	
Protection: 12 Amp (380-480 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 5 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 6 m	

Additional Features

Setup position: Horizontal	
Coupling: One shaft solution without any coupling	
External Dimensions (L x W x H): see dimensions	
Net Weight: see dimensions	

Product gallery:

S 65 - 50 Hz

S 65 ..T44+F