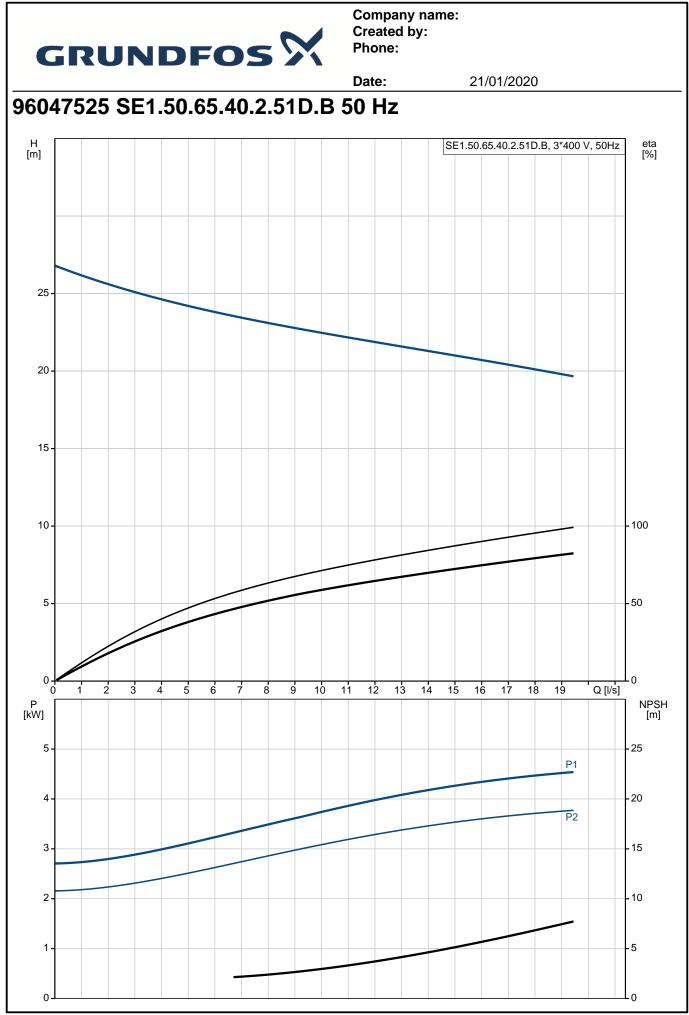


Date: 21/01/2020 Qty. Description SE1.50.65.40.2.51D.B 1 Note! Product picture may differ from actual product Product No.: 96047525 Non-self-priming, single-stage, centrifugal pump designed for handling wastewater, process water and unscreened raw sewage. The pump is designed for intermittent and continous operation. The liquidless and maintenance free cooling system ensures that the pump can be used for submerged or dry installation. The revolutionary S-tube® impeller provides free spherical passage of solids up to 50 mm and is suitable for wastewater with a dry matter content of up to 3 %. A unique stainless-steel clamp assembling system enables quick and easy disassembly of the pump from the motor unit for service and inspection. No special tools are required. Pipework connection is via a DIN flange. **Controls:** Moisture sensor: without moisture sensors Water-in-oil sensor: without water-in-oil sensor Temp. sensor: Ν Liquid: 0..40 °C Liquid temperature range: Density: 998.2 kg/m³ **Technical:** Type of impeller: S-TUBE Maximum particle size: 50 mm Primary shaft seal: SIC/SIC Secondary shaft seal: CARBON/CERAMICS Max. hydraulic efficiency: 59 % Approvals on nameplate: EN12050-2 Curve tolerance: ISO9906:2012 3B2 Materials: Pump housing: EN 1561 EN-GJL-250 Impeller: Cast iron Installation: Maximum operating pressure: 6 bar Flange standard: DIN Pump outlet: DN 65 Pressure rating: **PN 10** Maximum installation depth: 20 m Electrical data: Power input - P1: 4.8 kW Rated power - P2: 4 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +6/-10 % Max starts per. hour: 20



Description Rated current: 8.7-8.5 Å Rated current at 3/4 load: 6.7 Å Rated current at 1/2 load: 5.4 Å Starting current: 71 Å Rated current at no load: 3.9 Å Cos phi - power factor: 0.84 Cos phi - p.f. at no load: 0.15 Cos phi - p.f. at 1/2 load: 0.78 Cos phi - p.f. at 1/2 load: 0.68 Rated speed: 2925 rpm Locked-rotor torque: 40 Nm Breakdown torque: 54 Nm Morent of inertia: 0.019 kg m² Motor efficiency at 3/4 load: 82.4 % Motor efficiency at 1/2 load: 79.2 % Number of poles: 2 Start. method: star/delta Enclosure class (IEC 3-5): IF68 Insulation class (IEC 4-5): IP68 Insulation class (IEC 3-5): IP			Date:	21/01/2020	
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Start. method:star/deltaEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FExplosion proof:noLength of cable:10 mCable type:LYNIFLEXType of cable plug:NO PLUGOthers:Net weight:123 kgCountry of origin:HU					
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Length of cable: 10 m Cable type: LYNIFLEX Type of cable plug: NO PLUG Others:		F			
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		Date:	21/01/2020	
Description	Value	H [m]	SE1.50.65.40.2.51D.B, 3*400 V, 50Hz	
General information:				
Product name:	SE1.50.65.40.2.51D.B			
Product No:	96047525			
EAN number:	5700395045567	$ \sim$		
	5700395045567	25 -		
Price:	3.171,00 GBP			
Technical:	5.171,00 GBF			
	04.41/	20 -		
Max flow:	24.4 l/s			
Head max:	26.8 m			
Type of impeller:	S-TUBE	15 -		
Maximum particle size:	50 mm			
Primary shaft seal:	SIC/SIC	10 -	- 100	
Secondary shaft seal:	CARBON/CERAMICS	10 -	100	
Max. hydraulic efficiency:	59 %			
Approvals on nameplate:	EN12050-2	5 -	50	
Curve tolerance:	ISO9906:2012 3B2			
Cooling jacket:	with cooling jacket			
Materials:			0	
Pump housing:	EN 1561 EN-GJL-250	0 2	4 6 8 10 12 14 16 18 Q [l/s]	
	Cast iron	P [kW]	N N	
Impeller:	Cast IION	5-	- 25	
Installation:			P1 20	
Maximum operating pressure:	6 bar	4 -	-20	
Flange standard:	DIN		P2	
Pump outlet:	DN 65	3-	-15	
Pressure rating:	PN 10	2	10	
Maximum installation depth:	20 m	2		
Inst dry/wet:	DRY/SUBMERGED	1 -	5	
Installation:	horizontal or vertical			
Liquid:		0	0	
Liquid temperature range:	0 40 °C			
Density:	998.2 kg/m ³			
Electrical data:	555.2 Kg/m	200	DN 65	
	4.9.1/1/		879	
Power input - P1:	4.8 kW	MIR	1050	
Rated power - P2:	4 kW			
Mains frequency:	50 Hz			
Rated voltage:	3 x 380-415 V	<i>_</i> _		
Voltage tolerance:	+6/-10 %	/	831	
Max starts per. hour:	20		i \ i \	
Rated current:	8.7-8.5 A	n		
Rated current at 3/4 load:	6.7 A	69		
Rated current at 1/2 load:	5.4 A	• 227	407 24 <u>DN 65</u>	
Starting current:	71 A	 +	+	
Rated current at no load:	3.9 A			
Cos phi - power factor:	0.84			
Cos phi - p.f. at no load:	0.15			
		Bllow/Gr	een	
Cos phi - p.f. at 3/4 load:	0.78			
Cos phi - p.f. at 1/2 load:	0.68	a a a a a a a a a a a a a a a a a a a		
Rated speed:	2925 rpm			
Locked-rotor torque:	40 Nm			
Breakdown torque:	54 Nm	100		
Moment of inertia:	0.019 kg m²		• —	
Motor efficiency at full load:	83.3 %			
Motor efficiency at 3/4 load:	82.4 %	14.10.10 .	ال 12 لك 🖌	
Motor efficiency at 1/2 load:	79.2 %			
Number of poles:	2			
Start. method:	star/delta	1 3 5 4 6 2 U1 V1 W1 U2 V2 W2	¹ ¹ ³ ⁵ ¹ ⁴ ⁶ ² ⁷ ⁸ ⁹ ¹	
Enclosure class (IEC 34-5):	IP68			
Insulation class (IEC 85):	F			

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		Date:	21/01/2020
Description	Value		
Explosion proof:	no	-	
Motor protec:	THERMAL SWITCH		
Thermal protec:	internal		
Length of cable:	10 m		
Cable type:	LYNIFLEX		
Type of cable plug:	NO PLUG		
Controls:			
Control box:	not included		
Moisture sensor:	without moisture sensors		
Water-in-oil sensor:	without water-in-oil sensor		
Temp. sensor:	Ν		
Others:			
Net weight:	123 kg		
Country of origin:	HU		
Custom tariff no.:	84137021		

