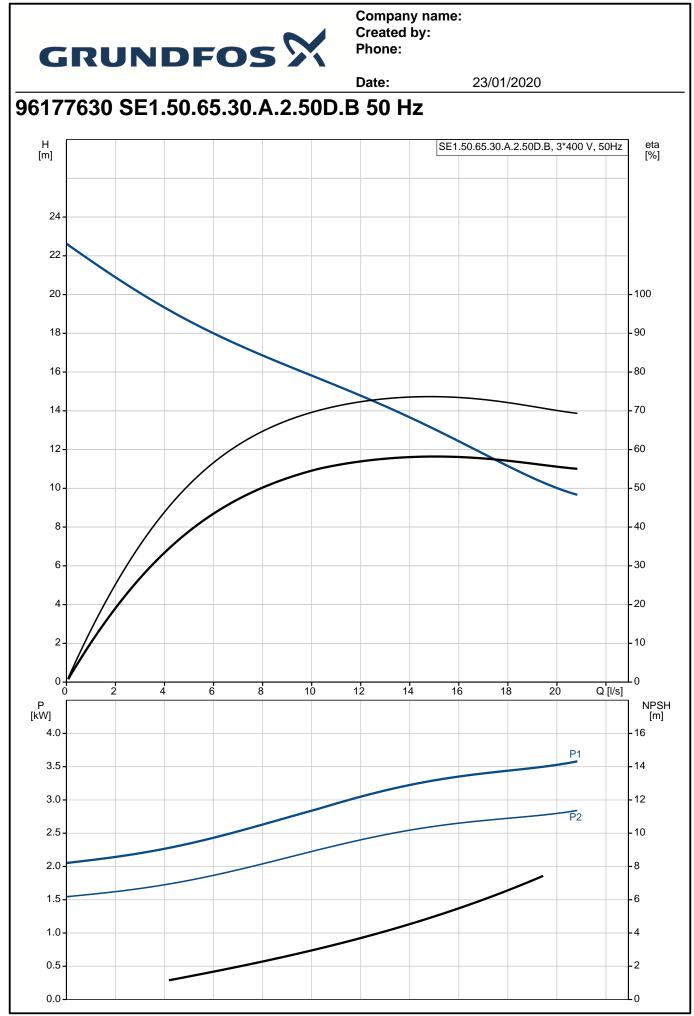


Date: 23/01/2020 Qty. Description SE1.50.65.30.A.2.50D.B 1 Note! Product picture may differ from actual product Product No.: 96177630 Non-self-priming, single-stage, centrifugal pump designed for handling wastewater, process water and unscreened raw sewage. The pump is designed for intermittent and continous 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: with moisture sensors Water-in-oil sensor: with water-in-oil sensor Temp. sensor: γ 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: 71 % 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: 3.8 kW Rated power - P2: 3 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +6/-10 % Max starts per. hour: 20



Description Rated current: 6.8-6.5 Å Rated current at 3/4 load: 5 Å Rated current at 1/2 load: 3.9 Å Starting current: 51 Å Rated current at no load: 2.5 Å Cos phi - power factor: 0.87 Cos phi - p.f. at 1/2 load: 0.22 Cos phi - p.f. at 1/2 load: 0.74 Rated speed: 2910 rpm Locked-rotor torque: 23 Nm Breakdown torque: 33 Nm Moment of inertia: 0.0121 kg m² Motor efficiency at 1/2 load: 75.1 % Number of poles: 2 Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Explosion proof: no Length of cable: 10 m Cable type: LYNIFLEX Type of cable plug: NO PLUG Others: Y14 SI Net weight: 91 kg Country of origin: HU Custom tariff no.: 84137021 <th>Rated current:6.8-6.5 ARated current at 3/4 load:5 ARated current at 1/2 load:3.9 AStarting current:51 ARated current at no load:2.5 ACos phi - power factor:0.87Cos phi - p.f. at no load:0.22Cos phi - p.f. at 3/4 load:0.83Cos phi - p.f. at 1/2 load:0.74Rated speed:2910 rpmLocked-rotor torque:23 NmBreakdown torque:33 NmMoment of inertia:0.0121 kg m²Motor efficiency at 1/2 load:78.5 %Motor efficiency at 1/2 load:75.1 %Number of poles:2Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FExplosion proof:noLength of cable:10 mCable type:LYNIFLEXType of cable plug:NO PLUGOthers:91 kgNet weight:91 kgCountry of origin:HU</th> <th>Rated current: 6.8-6.5 A Rated current at 3/4 load: 5 A Rated current at 1/2 load: 3.9 A Starting current: 51 A Rated current at no load: 2.5 A Cos phi - 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Others: Net weight: 91 kg Country of origin: HU	Others: Net weight: 91 kg Country of origin: HU	Others: Net weight: 91 kg Country of origin: HU	Others: Net weight: 91 kg Country of origin: HU	Rated current: Rated current at 3/4 load: Rated current at 1/2 load: Starting current at 1/2 load: Starting current at no load: Cos phi - power factor: Cos phi - p.f. at no load: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Locked-rotor torque: Breakdown torque: Moment of inertia: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type:	5 A 3.9 A 51 A 2.5 A 0.87 0.22 0.83 0.74 2910 rpm 23 Nm 33 Nm 0.0121 kg m ² 79.6 % 78.5 % 75.1 % 2 direct-on-line IP68 F no 10 m LYNIFLEX			
				Cable type: Type of cable plug: Others: Net weight: Country of origin:	NO PLUG 91 kg HU			



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		Date:	23/01/2020
Description	Value	H [m]	SE1.50.65.30.A.2.50D.B, 3*400 V, 50Hz
General information:		_	
Product name:	SE1.50.65.30.A.2.50D.B	24 -	
Product No:	96177630	22	
AN number:	5700830367957		
	5700830367957	20 -	
Price:	3.421,00 GBP	18 -	
Technical:	0.421,00 001	—	
flax flow:	19.4 l/s	16 -	
lead max:	21.6 m	14 -	
	-	12 -	
ype of impeller:	S-TUBE		
Aaximum particle size:	50 mm	10 -	
Primary shaft seal:	SIC/SIC	8-	
Secondary shaft seal:	CARBON/CERAMICS		
Max. hydraulic efficiency:	71 %	6-	
Approvals on nameplate:	EN12050-2	4- //	
Curve tolerance:	ISO9906:2012 3B2		
Cooling jacket:	with cooling jacket	2	
Materials:			
Pump housing:	EN 1561 EN-GJL-250	0	5 10 15 Q [l/s
mpeller:	Cast iron	[kW]	
installation:		3.5 -	P1
Maximum operating pressure:	6 bar		
Flange standard:	DIN	3.0 -	P2
-		2.5 -	F2
Pump outlet:	DN 65	2.0	
Pressure rating:	PN 10	1.5	
Maximum installation depth:	20 m	1.0	
nst dry/wet:	DRY/SUBMERGED	0.5 -	
nstallation:	horizontal or vertical		
_iquid:		*0.0 _	
iquid temperature range:	0 40 °C		
Density:	998.2 kg/m³		200 · · · · · · · · · · · · · · · · · ·
Electrical data:		171	
Power input - P1:	3.8 kW		
Rated power - P2:	3 kW	<u>M16</u>	
Mains frequency:	50 Hz		
Rated voltage:	3 x 380-415 V		
/oltage tolerance:	+6/-10 %	/=	
Max starts per. hour:	20		753
Rated current:	6.8-6.5 A		
Rated current at 3/4 load:	5 A	69	
Rated current at 1/2 load:			
	3.9 A		366
Starting current:	51 A		
Rated current at no load:	2.5 A		
Cos phi - power factor:	0.87		
Cos phi - p.f. at no load:	0.22	(Billow/G	ireen
Cos phi - p.f. at 3/4 load:	0.83	Support Statements	
Cos phi - p.f. at 1/2 load:	0.74	A and	
Rated speed:	2910 rpm		- ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
ocked-rotor torque:	23 Nm	NV -	(5) (4)
Breakdown torque:	33 Nm		\sim
Moment of inertia:	0.0121 kg m ²	⊕ L1 L2	L3
Aotor efficiency at full load:	79.6 %	- ° °	Ŷ
Motor efficiency at 3/4 load:	78.5 %		
Motor efficiency at 1/2 load:	75.1 %		-* *
Number of poles:	2		
Start. method:	direct-on-line	÷ –	
Enclosure class (IEC 34-5):	IP68	$ (3 \sim$	
nsulation class (IEC 85):	F		

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		Date:	23/01/2020
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:	control box included		
Moisture sensor:	with moisture sensors		
Water-in-oil sensor:	with water-in-oil sensor		
Temp. sensor:	Y		
Others:			
Net weight:	91 kg		
Country of origin:	HU		
Custom tariff no .:	84137021		

