

Date: 12/3/2018

Position | Count | Description

1 SLV.65.65.11.EX.2.50B



Product No.: 96106578

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 operations in submerged installation. The efficient SuperVortex impeller provides passage of long fibres and solids up to 2 9/16 in and is suitable for wastewater with a dry matter content of up to 5 %.

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.

The pump is explosion-proof.

Controls:

Moisture sensor: without moisture sensors Water-in-oil sensor: without water-in-oil sensor

Liquid:

Pumped liquid: any viscous fluid

Maximum liquid temperature: 104 °F Density: 62.29 lb/ft³

Technical:

Type of impeller:

Maximum particle size:

Primary shaft seal:

Super Vortex
2 9/16 in
SIC/SIC
Secondary shaft seal:

LIPSEAL

Approvals on nameplate: CE 0344-Ex-II26 Curve tolerance: ISO9906:2012 3B2

Materials:

Pump housing: EN-GJL-200

EN-GJL-200

Impeller: EN-GJS-500-7

EN-GJS-500-7

Motor: EN-GJL-200

Installation:

Maximum ambient temperature: 104 °F Flange standard: DIN Pump outlet: 65 Pressure stage: PN10 Maximum installation depth: 32.81 ft

Electrical data:

Power input - P1: 1.6 kW
Rated power - P2: 1.5 HP
Main frequency: 50 Hz
Rated voltage: 3 x 400-415 V
Voltage tolerance: +6/-10 %



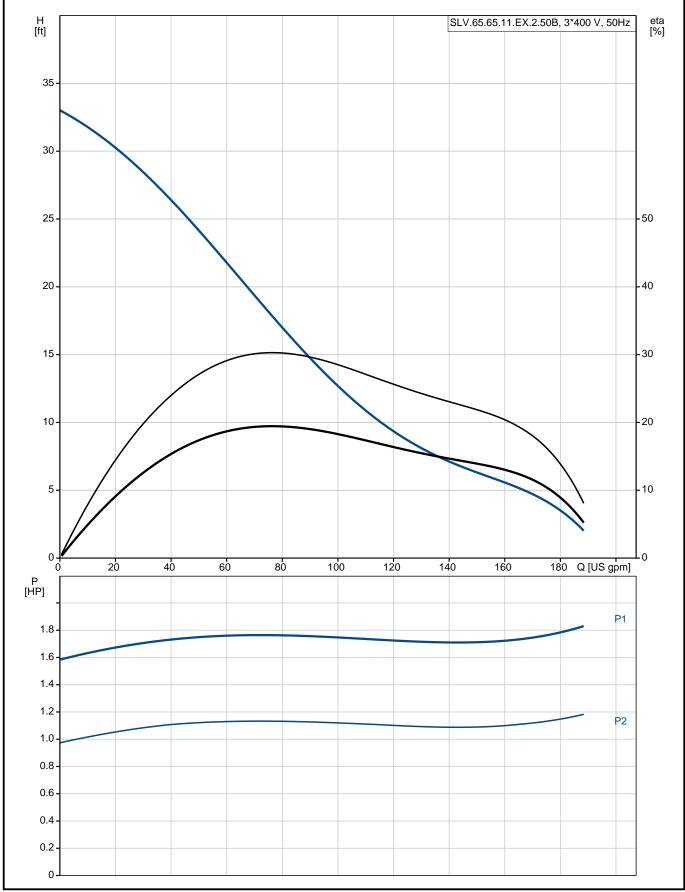
Date: 12/3/2018

Count Description Max starts per, hour: 30 Rated current: 3.1-3.1 A Rated current: 17 Rated current: 2.2 A Rated current: 2.1 A Rated current: 2.1 A Rated current: 2.1 A Rated current: 0.81 Cos phi - p.0 in 3/4 load: 0.74 Cos phi - p.1 in 3/4 load: 0.74 Cos phi - p.1 in 3/4 load: 0.63 Rated speed: Motor efficiency at 3/4 load: 64 % Motor efficiency at 3/4 load: 64 % Motor efficiency at 3/4 load: 57 % Greed-on-line Enclosure class (IEC 55): Insulation class (IEC 55): Insulation class (IEC 55): F Explosion proof: yes Length of cable: 33 ft Cable type: H07RN-F Others: Net weight: 106 lb Danish VVS No.: 391297633 Country of origin: HU Custom tariff no.: 84137021				Date:	12/3/2018
Rated current: Rated current at 3/4 load: Rated current at 1/2 load: Rated current at 1/2 load: Starting current: Rated current: Rated current at no load: 1.9 A Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: 0.63 Rated speed: Motor efficiency at full load: 67 % Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Others: Net weight: Danish VVS No.: Country of origin: HU	Position	Count	Description		
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Cable type: H07RN-F Others: Net weight: 106 lb Danish VVS No.: 391297533 Country of origin: HU			Explosion proof:	yes	
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Net weight: 106 lb Danish VVS No.: 391297533 Country of origin: HU			Others:		
Danish VVS No.: 391297533 Country of origin: HU				106 lb	
Country of origin: HU					



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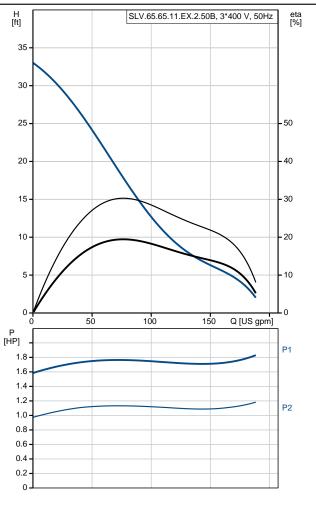
96106578 SLV.65.65.11.EX.2.50B 50 Hz





Date: 12/3/2018

Description	Value
General information:	
Product name:	SLV.65.65.11.EX.2.50B
Product No.:	96106578
EAN:	5700396855585
Technical:	
Max flow:	188 US gpm
Head max:	31.17 ft
Type of impeller:	Super Vortex
Maximum particle size:	2 9/16 in
Primary shaft seal:	SIC/SIC
Secondary shaft seal:	LIPSEAL
Approvals on nameplate:	CE 0344-Ex-II26
Curve tolerance:	ISO9906:2012 3B2
Cooling jacket:	
Materials:	without cooling jacket
	EN C II 200
Pump housing:	EN-GJL-200
	EN-GJL-200
Impeller:	EN-GJS-500-7
	EN-GJS-500-7
Motor:	EN-GJL-200
Installation:	
Maximum ambient temperature:	104 °F
Flange standard:	DIN
Pump outlet:	65
Pressure stage:	PN10
Maximum installation depth:	32.81 ft
Inst dry/wet:	SUBMERGED
Installation:	Vertical
Liquid:	
Pumped liquid:	any viscous fluid
Maximum liquid temperature:	104 °F
Density:	62.29 lb/ft ³
Electrical data:	
Power input - P1:	1.6 kW
Rated power - P2:	1.5 HP
Main frequency:	50 Hz
Rated voltage:	3 x 400-415 V
Voltage tolerance:	+6/-10 %
Max starts per. hour:	30
Rated current:	3.1-3.1 A
Rated current at 3/4 load:	2.7 A
Rated current at 1/2 load:	2.2 A
Starting current:	21 A
Rated current at no load:	1.9 A
Cos phi - power factor:	0.81
Cos phi - p.f. at 3/4 load:	0.74
Cos phi - p.f. at 1/2 load:	0.63
Rated speed:	2830 rpm
Motor efficiency at full load:	67 %
Motor efficiency at 3/4 load:	64 %
Motor efficiency at 1/2 load:	57 %
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Explosion proof:	yes
Motor protection:	THERMAL SWITCH
Length of cable:	33 ft
Cable type:	H07RN-F





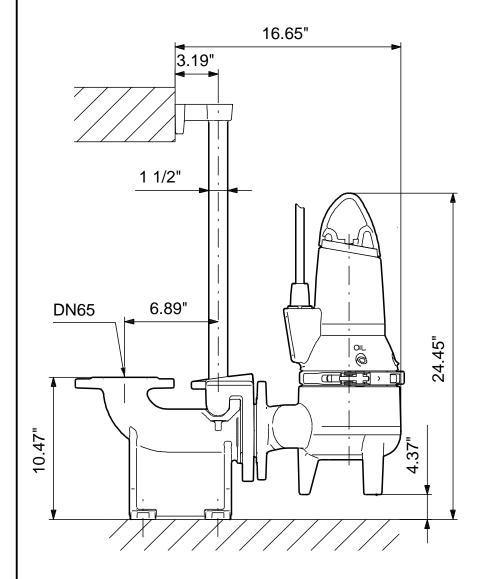
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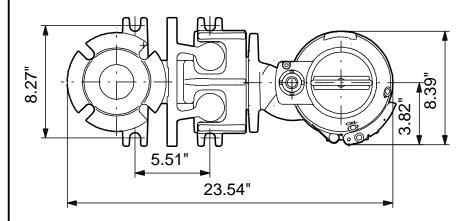
Description	Value
Controls:	
Control box:	not included
Moisture sensor:	without moisture sensors
Water-in-oil sensor:	without water-in-oil sensor
Others:	
Net weight:	106 lb
Danish VVS No.:	391297533
Country of origin:	HU
Custom tariff no.:	84137021



Date: 12/3/2018

96106578 SLV.65.65.11.EX.2.50B 50 Hz



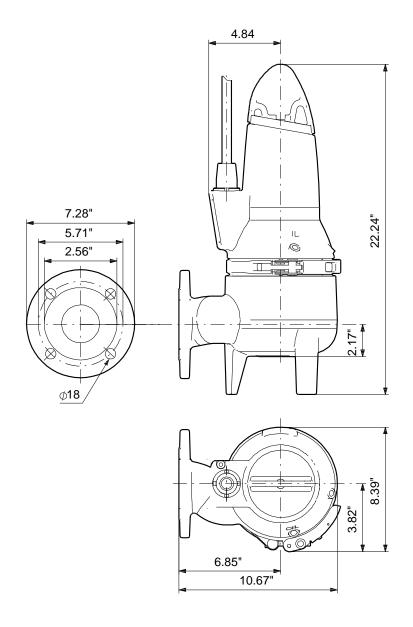


Note! All units are in [mm] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



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96106578 SLV.65.65.11.EX.2.50B 50 Hz



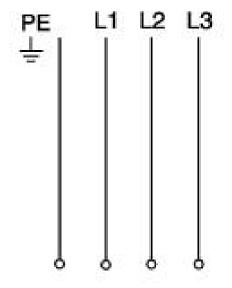
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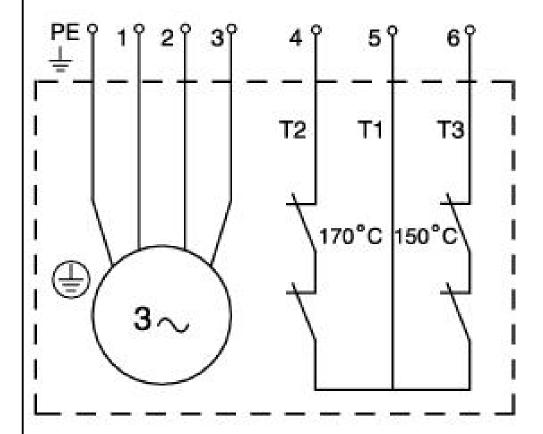


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12/3/2018

96106578 SLV.65.65.11.EX.2.50B 50 Hz





All units are [mm] unless otherwise presented.