


Position	Count	Description																																																						
	1	<p><b>SL1.50.65.15.EX.2.50B</b></p>  <p>Product No.: <a href="#">96104120</a></p> <p>Non-self-priming, single-stage, centrifugal pump designed for handling wastewater, process water and unscreened raw sewage.</p> <p>The pump is designed for intermittent and continuous operations in submerged installation. The revolutionary S-tube® impeller provides free spherical passage of solids up to 1 15/16 in and is suitable for wastewater with a dry matter content of up to 3 %.</p> <p>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. The pump is explosion-proof.</p> <p><b>Controls:</b></p> <table> <tr> <td>Moisture sensor:</td> <td>without moisture sensors</td> </tr> <tr> <td>Water-in-oil sensor:</td> <td>without water-in-oil sensor</td> </tr> </table> <p><b>Liquid:</b></p> <table> <tr> <td>Pumped liquid:</td> <td>any viscous fluid</td> </tr> <tr> <td>Maximum liquid temperature:</td> <td>104 °F</td> </tr> <tr> <td>Density:</td> <td>62.29 lb/ft<sup>3</sup></td> </tr> </table> <p><b>Technical:</b></p> <table> <tr> <td>Type of impeller:</td> <td>Single Channel</td> </tr> <tr> <td>Maximum particle size:</td> <td>1 15/16 in</td> </tr> <tr> <td>Primary shaft seal:</td> <td>SIC/SIC</td> </tr> <tr> <td>Secondary shaft seal:</td> <td>LIPSEAL</td> </tr> <tr> <td>Approvals on nameplate:</td> <td>CE 0344-Ex-II26</td> </tr> <tr> <td>Curve tolerance:</td> <td>ISO 9906:2012 Grade 3B</td> </tr> </table> <p><b>Materials:</b></p> <table> <tr> <td>Pump housing:</td> <td>EN-GJL-250</td> </tr> <tr> <td></td> <td>EN-GJL-250</td> </tr> <tr> <td>Impeller:</td> <td>EN-GJS500-7</td> </tr> <tr> <td></td> <td>EN-GJS500-7</td> </tr> <tr> <td>Motor:</td> <td>DIN W.-Nr. GG20</td> </tr> </table> <p><b>Installation:</b></p> <table> <tr> <td>Maximum ambient temperature:</td> <td>104 °F</td> </tr> <tr> <td>Pump inlet:</td> <td>65</td> </tr> <tr> <td>Pump outlet:</td> <td>65</td> </tr> <tr> <td>Maximum installation depth:</td> <td>32.81 ft</td> </tr> </table> <p><b>Electrical data:</b></p> <table> <tr> <td>Power input - P1:</td> <td>2.2 kW</td> </tr> <tr> <td>Rated power - P2:</td> <td>2 HP</td> </tr> <tr> <td>Main frequency:</td> <td>50 Hz</td> </tr> <tr> <td>Rated voltage:</td> <td>3 x 400-415 V</td> </tr> <tr> <td>Voltage tolerance:</td> <td>+6/-10 %</td> </tr> <tr> <td>Max starts per. hour:</td> <td>30</td> </tr> <tr> <td>Rated current:</td> <td>3.8 A</td> </tr> </table>	Moisture sensor:	without moisture sensors	Water-in-oil sensor:	without water-in-oil sensor	Pumped liquid:	any viscous fluid	Maximum liquid temperature:	104 °F	Density:	62.29 lb/ft <sup>3</sup>	Type of impeller:	Single Channel	Maximum particle size:	1 15/16 in	Primary shaft seal:	SIC/SIC	Secondary shaft seal:	LIPSEAL	Approvals on nameplate:	CE 0344-Ex-II26	Curve tolerance:	ISO 9906:2012 Grade 3B	Pump housing:	EN-GJL-250		EN-GJL-250	Impeller:	EN-GJS500-7		EN-GJS500-7	Motor:	DIN W.-Nr. GG20	Maximum ambient temperature:	104 °F	Pump inlet:	65	Pump outlet:	65	Maximum installation depth:	32.81 ft	Power input - P1:	2.2 kW	Rated power - P2:	2 HP	Main frequency:	50 Hz	Rated voltage:	3 x 400-415 V	Voltage tolerance:	+6/-10 %	Max starts per. hour:	30	Rated current:	3.8 A
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Company name:

Created by:

Phone:

Date:

11/13/2018

Position	Count	Description
		Rated current at 3/4 load: 3 A
		Rated current at 1/2 load: 2.4 A
		Starting current: 21 A
		Rated current at no load: 1.9 A
		Cos phi - power factor: 0.88
		Cos phi - p.f. at 3/4 load: 0.81
		Cos phi - p.f. at 1/2 load: 0.71
		Rated speed: 2720 rpm
		Motor efficiency at full load: 67 %
		Motor efficiency at 3/4 load: 68 %
		Motor efficiency at 1/2 load: 63 %
		Start. method: direct-on-line
		Enclosure class (IEC 34-5): IP68
		Insulation class (IEC 85): F
		Explosion proof: yes
		Length of cable: 33 ft
		Cable type: H07RN-F
		<b>Others:</b>
		Net weight: 106 lb
		Country of origin: HU
		Custom tariff no.: 84137021



Company name:

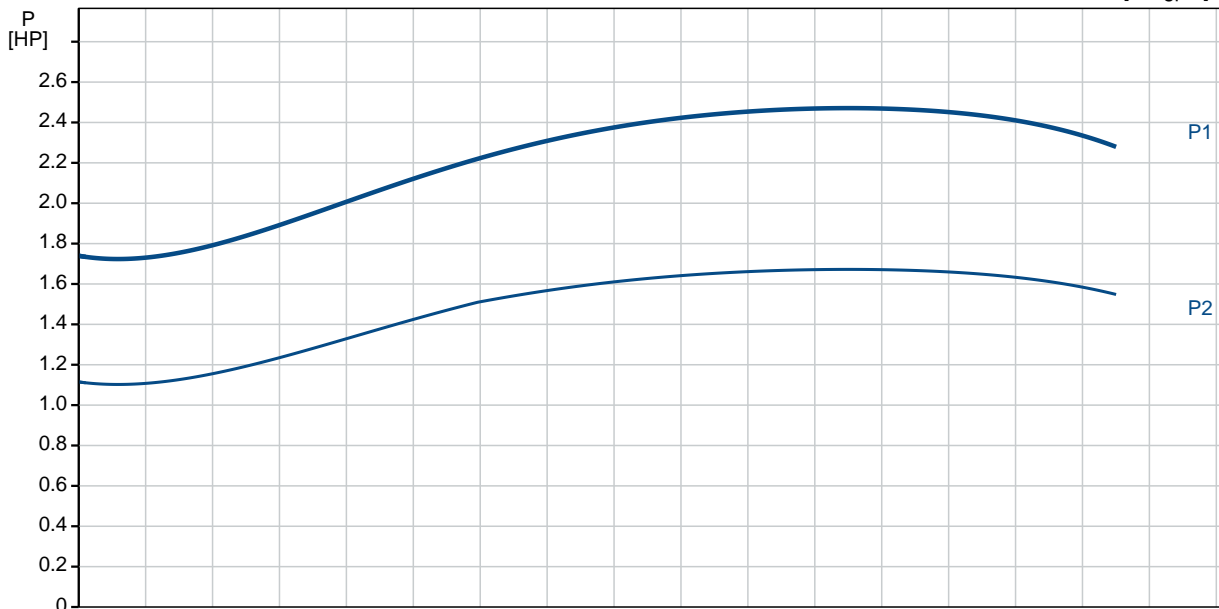
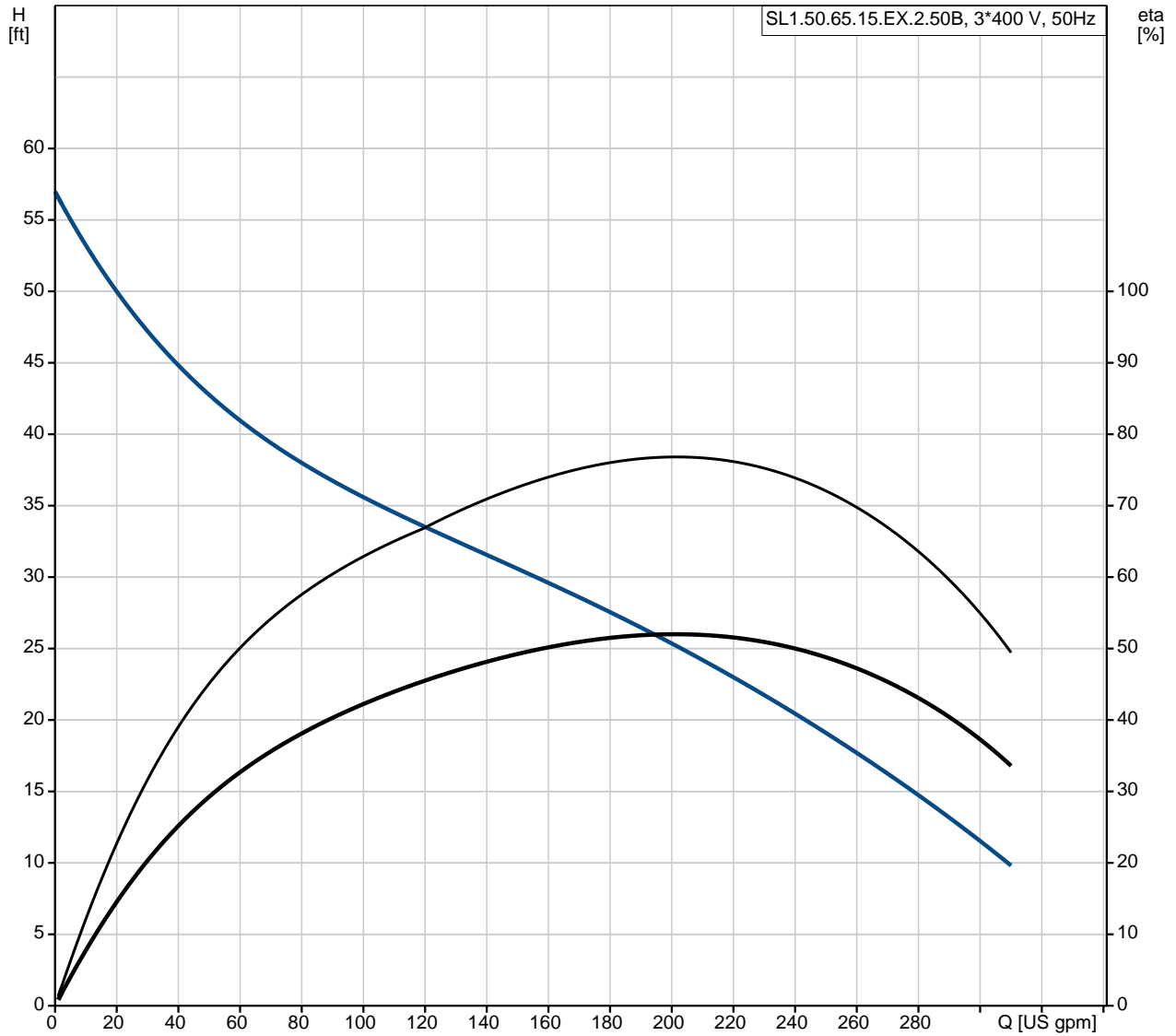
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### 96104120 SL1.50.65.15.EX.2.50B 50 Hz





Company name:

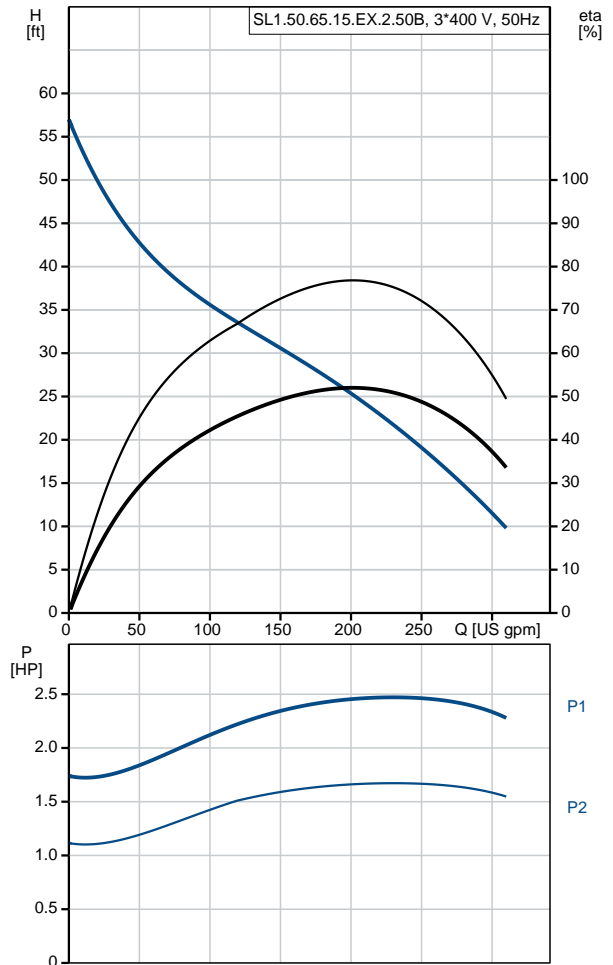
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Phone:

Date:

11/13/2018

Description	Value
<b>General information:</b>	
Product name:	SL1.50.65.15.EX.2.50B
Product No.:	96104120
EAN:	5700396433479
<b>Technical:</b>	
Max flow:	309 US gpm
Head max:	55.78 ft
Type of impeller:	Single Channel
Maximum particle size:	1 15/16 in
Primary shaft seal:	SIC/SIC
Secondary shaft seal:	LIPSEAL
Approvals on nameplate:	CE 0344-Ex-II26
Curve tolerance:	ISO 9906:2012 Grade 3B
Cooling jacket:	without cooling jacket
<b>Materials:</b>	
Pump housing:	EN-GJL-250
	EN-GJL-250
Impeller:	EN-GJS500-7
	EN-GJS500-7
Motor:	DIN W.-Nr. GG20
<b>Installation:</b>	
Maximum ambient temperature:	104 °F
Pump inlet:	65
Pump outlet:	65
Maximum installation depth:	32.81 ft
Inst dry/wet:	SUBMERGED
Installation:	vertical
<b>Liquid:</b>	
Pumped liquid:	any viscous fluid
Maximum liquid temperature:	104 °F
Density:	62.29 lb/ft <sup>3</sup>
<b>Electrical data:</b>	
Power input - P1:	2.2 kW
Rated power - P2:	2 HP
Main frequency:	50 Hz
Rated voltage:	3 x 400-415 V
Voltage tolerance:	+6/-10 %
Max starts per. hour:	30
Rated current:	3.8 A
Rated current at 3/4 load:	3 A
Rated current at 1/2 load:	2.4 A
Starting current:	21 A
Rated current at no load:	1.9 A
Cos phi - power factor:	0.88
Cos phi - p.f. at 3/4 load:	0.81
Cos phi - p.f. at 1/2 load:	0.71
Rated speed:	2720 rpm
Motor efficiency at full load:	67 %
Motor efficiency at 3/4 load:	68 %
Motor efficiency at 1/2 load:	63 %
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
<b>Controls:</b>	





Company name:

Created by:

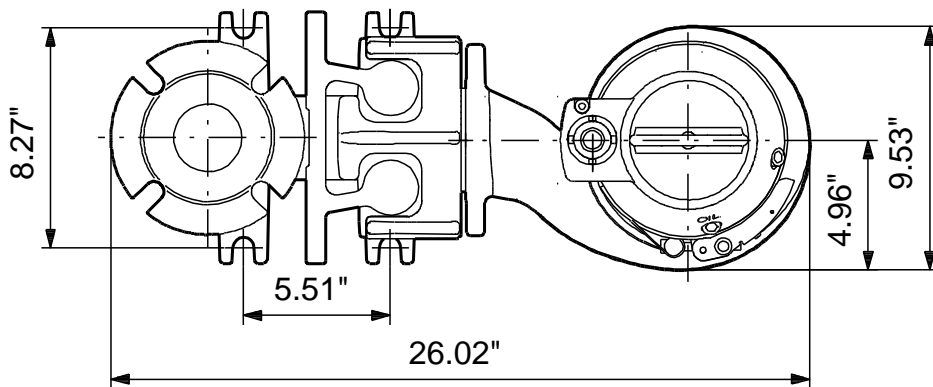
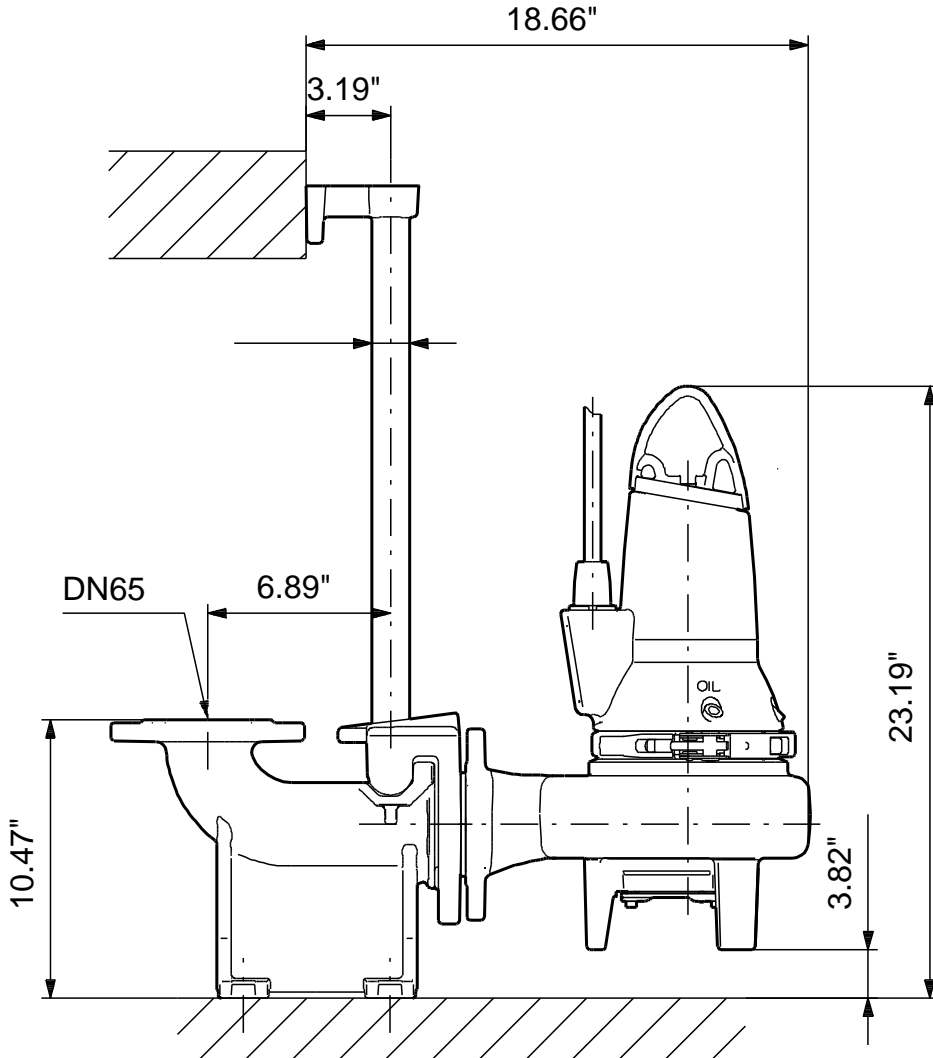
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Date:

11/13/2018

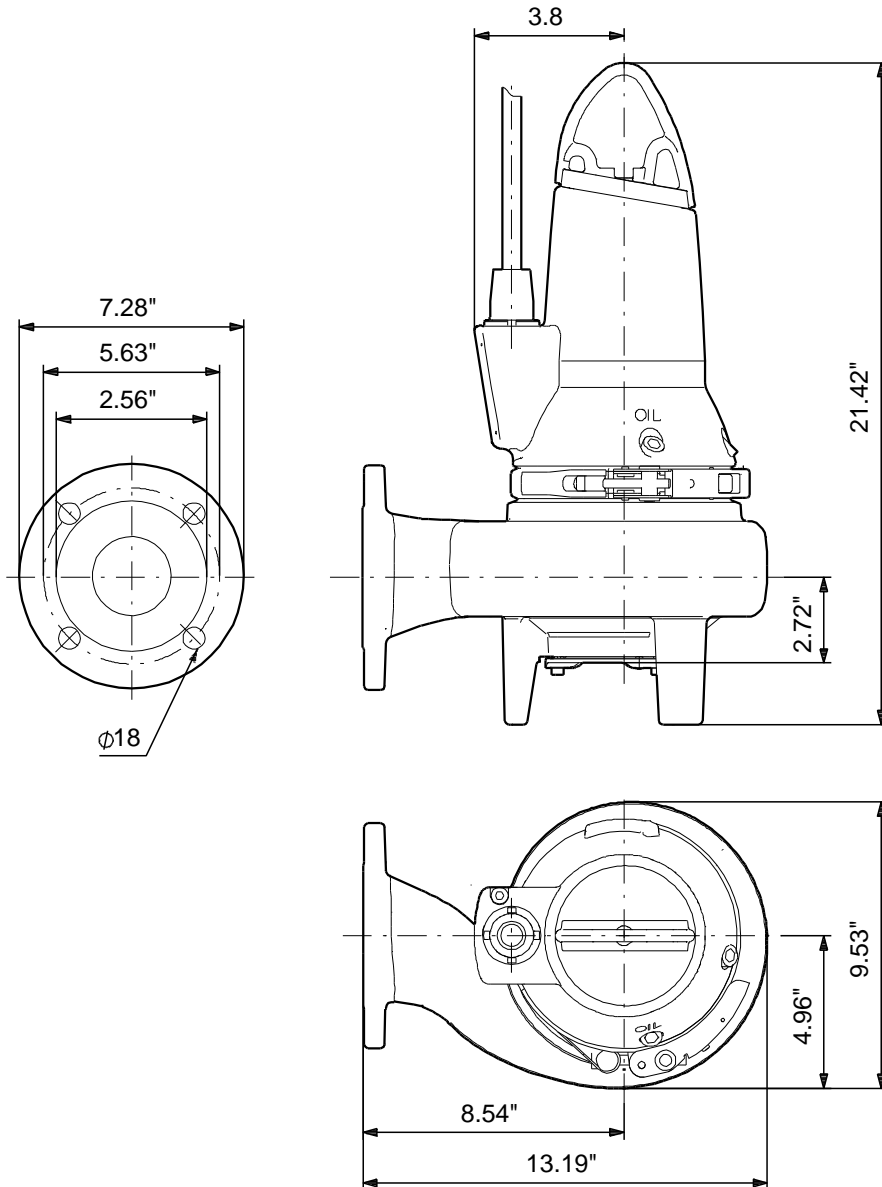
Description	Value
Control box:	not included
Moisture sensor:	without moisture sensors
Water-in-oil sensor:	without water-in-oil sensor
<b>Others:</b>	
Net weight:	106 lb
Country of origin:	HU
Custom tariff no.:	84137021

**96104120 SL1.50.65.15.EX.2.50B 50 Hz**



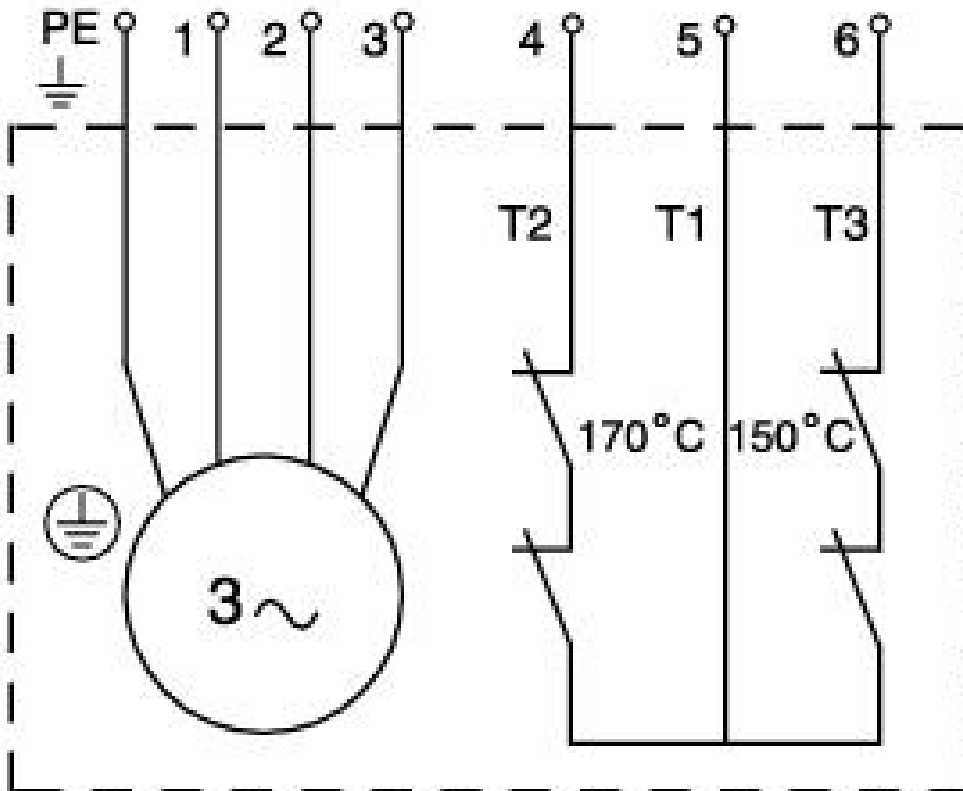
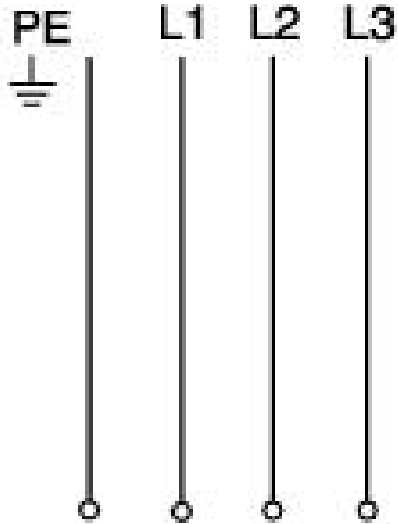
Note! All units are in [mm] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

## 96104120 SL1.50.65.15.EX.2.50B 50 Hz



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

## 96104120 SL1.50.65.15.EX.2.50B 50 Hz



All units are [mm] unless otherwise presented.