
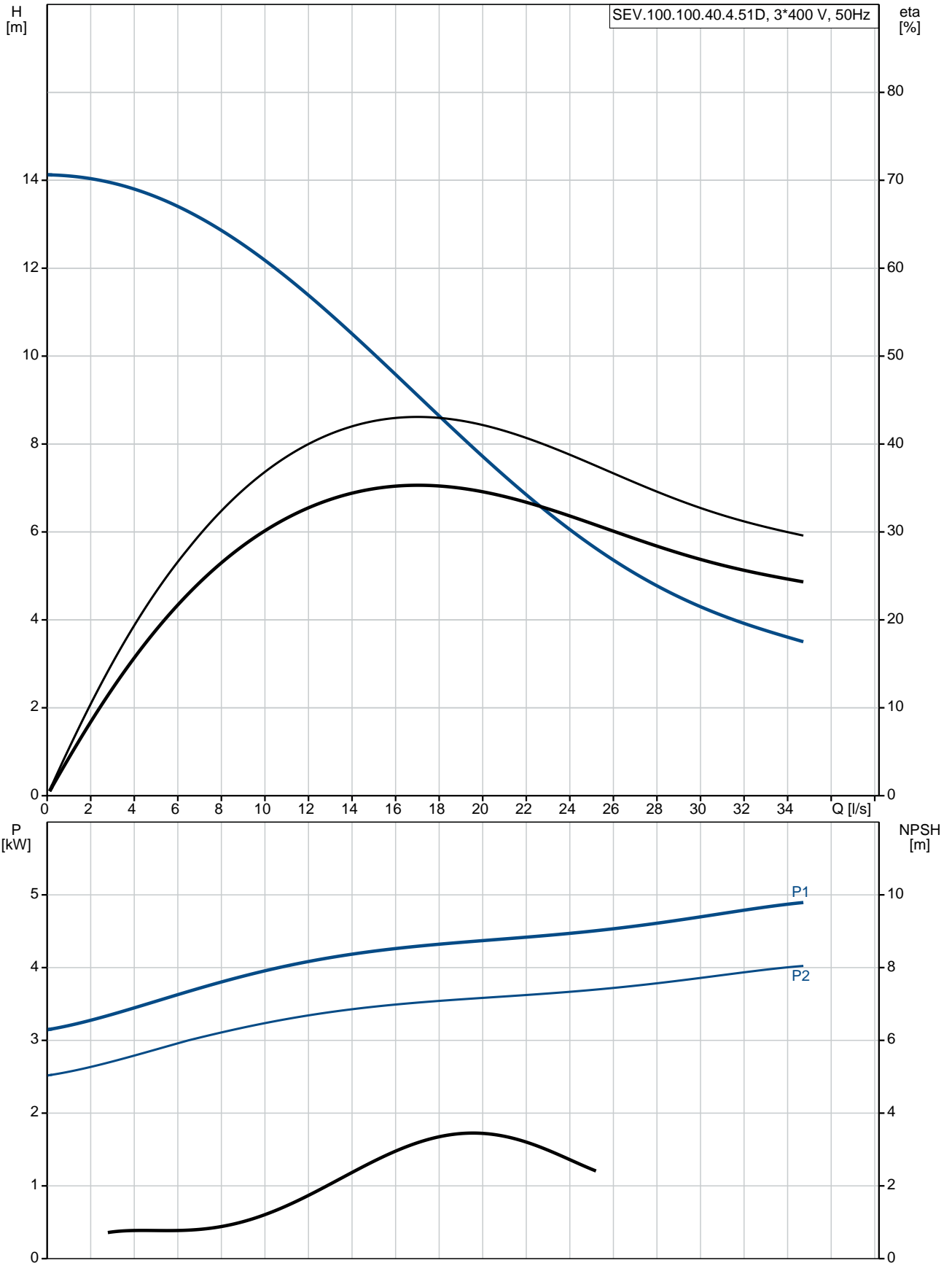


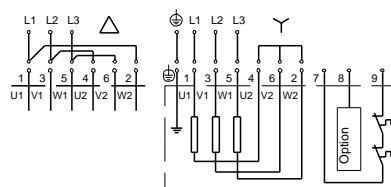
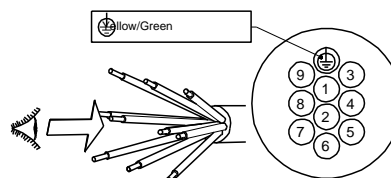
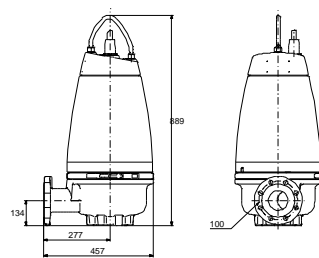
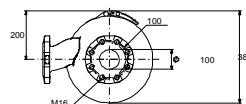
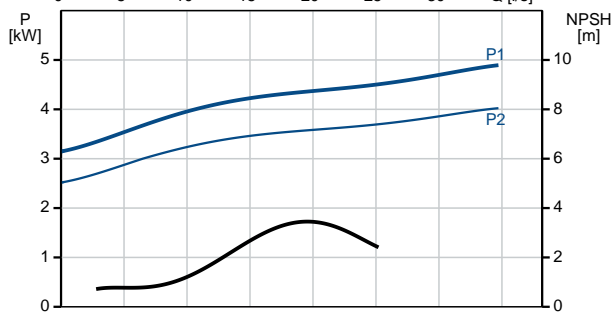
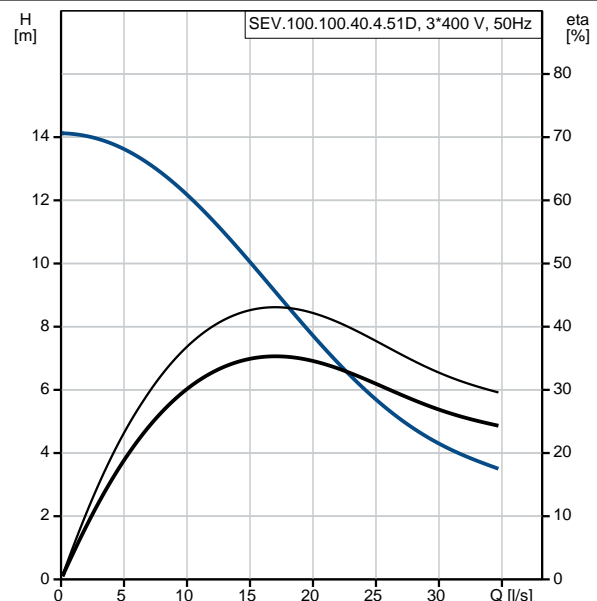
Qty.	Description																																																		
1	<p data-bbox="199 340 454 362"><b>SEV.100.100.40.4.51D</b></p> <div data-bbox="226 383 560 663">  </div> <p data-bbox="592 645 1077 667">Note! Product picture may differ from actual product</p> <p data-bbox="199 676 470 698">Product No.: <a href="#">96047925</a></p> <p data-bbox="199 734 1460 788">Non-self-priming, single-stage, centrifugal pump designed for handling wastewater, process water and unscreened raw sewage.</p> <p data-bbox="199 795 1460 896">The pump is designed for intermittent and continuous operation. The liquidless and maintenance free cooling system ensures that the pump can be used for submerged or dry installation. The efficient SuperVortex impeller provides passage of long fibres and solids up to 100 mm and is suitable for wastewater with a dry matter content of up to 5 %.</p> <p data-bbox="199 907 1460 963">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.</p> <p data-bbox="199 1025 311 1048"><b>Controls:</b></p> <table data-bbox="199 1052 853 1137"> <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> <tr> <td>Temp. sensor:</td> <td>N</td> </tr> </table> <p data-bbox="199 1171 287 1193"><b>Liquid:</b></p> <table data-bbox="199 1198 694 1261"> <tr> <td>Liquid temperature range:</td> <td>0 .. 40 °C</td> </tr> <tr> <td>Density:</td> <td>998.2 kg/m<sup>3</sup></td> </tr> </table> <p data-bbox="199 1294 327 1317"><b>Technical:</b></p> <table data-bbox="199 1321 805 1527"> <tr> <td>Type of impeller:</td> <td>SUPER VORTEX</td> </tr> <tr> <td>Maximum particle size:</td> <td>100 mm</td> </tr> <tr> <td>Primary shaft seal:</td> <td>SIC/SIC</td> </tr> <tr> <td>Secondary shaft seal:</td> <td>CARBON/CERAMICS</td> </tr> <tr> <td>Max. hydraulic efficiency:</td> <td>43 %</td> </tr> <tr> <td>Approvals on nameplate:</td> <td>EN12050-1</td> </tr> <tr> <td>Curve tolerance:</td> <td>ISO9906:2012 3B2</td> </tr> </table> <p data-bbox="199 1561 319 1583"><b>Materials:</b></p> <table data-bbox="199 1588 805 1650"> <tr> <td>Pump housing:</td> <td>EN 1561 EN-GJL-250</td> </tr> <tr> <td>Impeller:</td> <td>Cast iron</td> </tr> </table> <p data-bbox="199 1684 343 1706"><b>Installation:</b></p> <table data-bbox="199 1711 646 1886"> <tr> <td>Maximum ambient temperature:</td> <td>40 °C</td> </tr> <tr> <td>Maximum operating pressure:</td> <td>6 bar</td> </tr> <tr> <td>Flange standard:</td> <td>DIN</td> </tr> <tr> <td>Pump outlet:</td> <td>DN 100</td> </tr> <tr> <td>Pressure rating:</td> <td>PN 10</td> </tr> <tr> <td>Maximum installation depth:</td> <td>20 m</td> </tr> </table> <p data-bbox="199 1919 375 1942"><b>Electrical data:</b></p> <table data-bbox="199 1946 726 2089"> <tr> <td>Power input - P1:</td> <td>4.9 kW</td> </tr> <tr> <td>Rated power - P2:</td> <td>4 kW</td> </tr> <tr> <td>Mains frequency:</td> <td>50 Hz</td> </tr> <tr> <td>Rated voltage:</td> <td>3 x 380-415 V</td> </tr> <tr> <td>Voltage tolerance:</td> <td>+6/-10 %</td> </tr> </table>	Moisture sensor:	without moisture sensors	Water-in-oil sensor:	without water-in-oil sensor	Temp. sensor:	N	Liquid temperature range:	0 .. 40 °C	Density:	998.2 kg/m <sup>3</sup>	Type of impeller:	SUPER VORTEX	Maximum particle size:	100 mm	Primary shaft seal:	SIC/SIC	Secondary shaft seal:	CARBON/CERAMICS	Max. hydraulic efficiency:	43 %	Approvals on nameplate:	EN12050-1	Curve tolerance:	ISO9906:2012 3B2	Pump housing:	EN 1561 EN-GJL-250	Impeller:	Cast iron	Maximum ambient temperature:	40 °C	Maximum operating pressure:	6 bar	Flange standard:	DIN	Pump outlet:	DN 100	Pressure rating:	PN 10	Maximum installation depth:	20 m	Power input - P1:	4.9 kW	Rated power - P2:	4 kW	Mains frequency:	50 Hz	Rated voltage:	3 x 380-415 V	Voltage tolerance:	+6/-10 %
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Voltage tolerance:	+6/-10 %																																																		

Qty.	Description
	Max starts per. hour: 20
	Rated current: 10.0-10.2 A
	Rated current at 3/4 load: 8.2 A
	Rated current at 1/2 load: 7.1 A
	Starting current: 67 A
	Rated current at no load: 6.1 A
	Cos phi - power factor: 0.73
	Cos phi - p.f. at no load: 0.11
	Cos phi - p.f. at 3/4 load: 0.65
	Cos phi - p.f. at 1/2 load: 0.52
	Rated speed: 1460 rpm
	Locked-rotor torque: 72 Nm
	Breakdown torque: 100 Nm
	Moment of inertia: 0.0501 kg m <sup>2</sup>
	Motor efficiency at full load: 82.2 %
	Motor efficiency at 3/4 load: 81.7 %
	Motor efficiency at 1/2 load: 78.2 %
	Number of poles: 4
	Start. method: star/delta
	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
	<b>Others:</b>
	Net weight: 141 kg
	Country of origin: HU
	Custom tariff no.: 84137021

## 96047925 SEV.100.100.40.4.51D 50 Hz



Description	Value
<b>General information:</b>	
Product name:	SEV.100.100.40.4.51D
Product No:	96047925
EAN number:	5700395208665
	5700395208665
Price:	3.622,00 GBP
<b>Technical:</b>	
Max flow:	34.7 l/s
Head max:	14.1 m
Type of impeller:	SUPER VORTEX
Maximum particle size:	100 mm
Primary shaft seal:	SIC/SIC
Secondary shaft seal:	CARBON/CERAMICS
Max. hydraulic efficiency:	43 %
Approvals on nameplate:	EN12050-1
Curve tolerance:	ISO9906:2012 3B2
Cooling jacket:	with cooling jacket
<b>Materials:</b>	
Pump housing:	EN 1561 EN-GJL-250
Impeller:	Cast iron
<b>Installation:</b>	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	6 bar
Flange standard:	DIN
Pump outlet:	DN 100
Pressure rating:	PN 10
Maximum installation depth:	20 m
Inst dry/wet:	DRY/SUBMERGED
Installation:	horizontal or vertical
<b>Liquid:</b>	
Liquid temperature range:	0 .. 40 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Power input - P1:	4.9 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
Rated current:	10.0-10.2 A
Rated current at 3/4 load:	8.2 A
Rated current at 1/2 load:	7.1 A
Starting current:	67 A
Rated current at no load:	6.1 A
Cos phi - power factor:	0.73
Cos phi - p.f. at no load:	0.11
Cos phi - p.f. at 3/4 load:	0.65
Cos phi - p.f. at 1/2 load:	0.52
Rated speed:	1460 rpm
Locked-rotor torque:	72 Nm
Breakdown torque:	100 Nm
Moment of inertia:	0.0501 kg m <sup>2</sup>
Motor efficiency at full load:	82.2 %
Motor efficiency at 3/4 load:	81.7 %
Motor efficiency at 1/2 load:	78.2 %
Number of poles:	4
Start. method:	star/delta
Enclosure class (IEC 34-5):	IP68





Company name:

Created by:

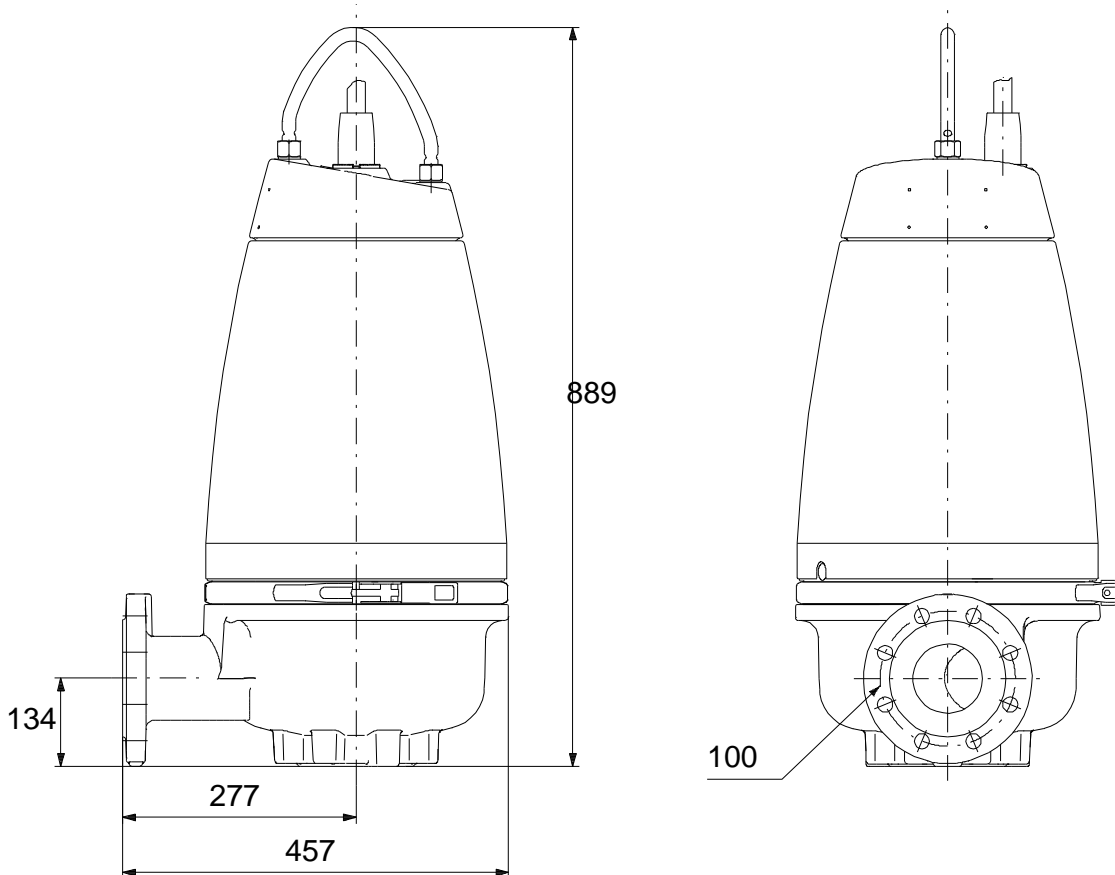
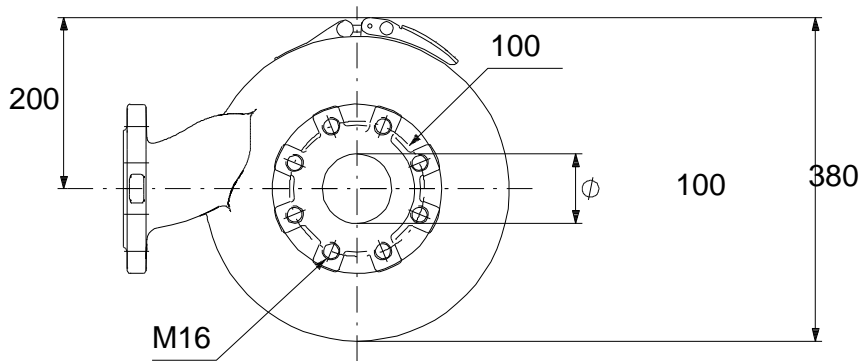
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Date:

28/01/2020

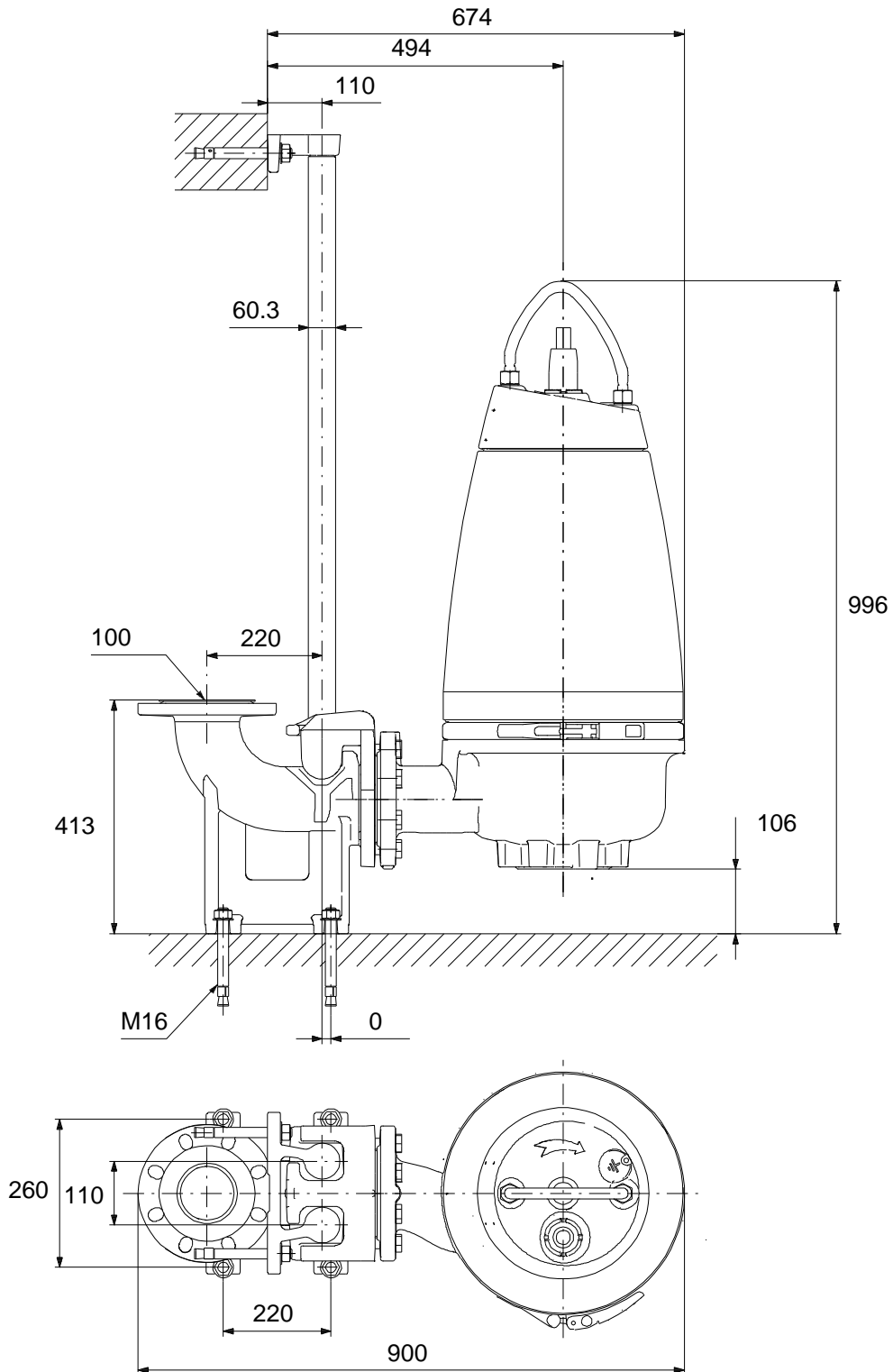
Description	Value
Insulation class (IEC 85):	F
Explosion proof:	no
Motor protec:	THERMAL SWITCH
Thermal protec:	internal
Length of cable:	10 m
Cable type:	LYNIFLEX
Type of cable plug:	NO PLUG
<b>Controls:</b>	
Control box:	not included
Moisture sensor:	without moisture sensors
Water-in-oil sensor:	without water-in-oil sensor
Temp. sensor:	N
<b>Others:</b>	
Net weight:	141 kg
Country of origin:	HU
Custom tariff no.:	84137021

## 96047925 SEV.100.100.40.4.51D 50 Hz

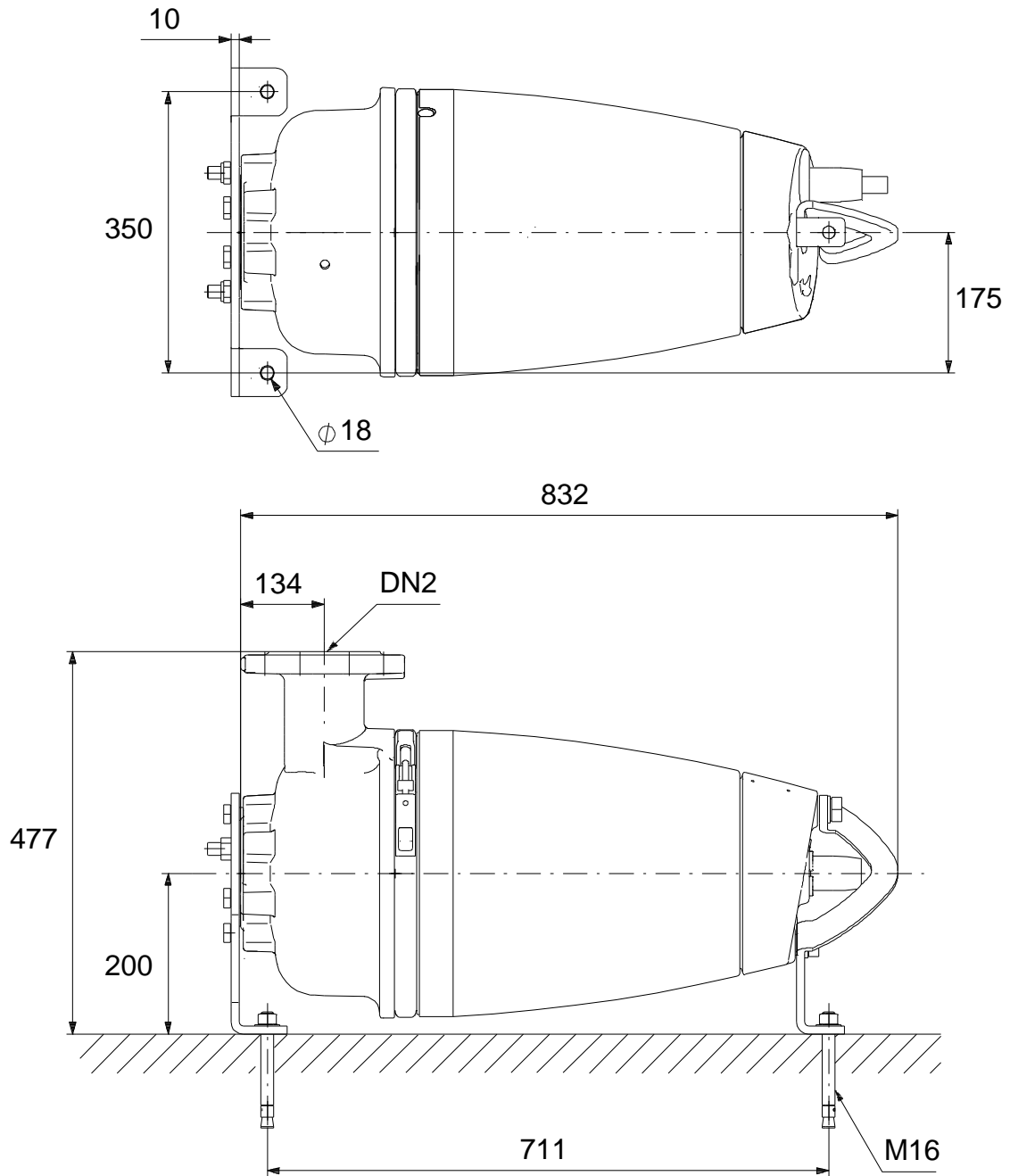


Note! All units are in [mm] unless others are stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

## 96047925 SEV.100.100.40.4.51D 50 Hz



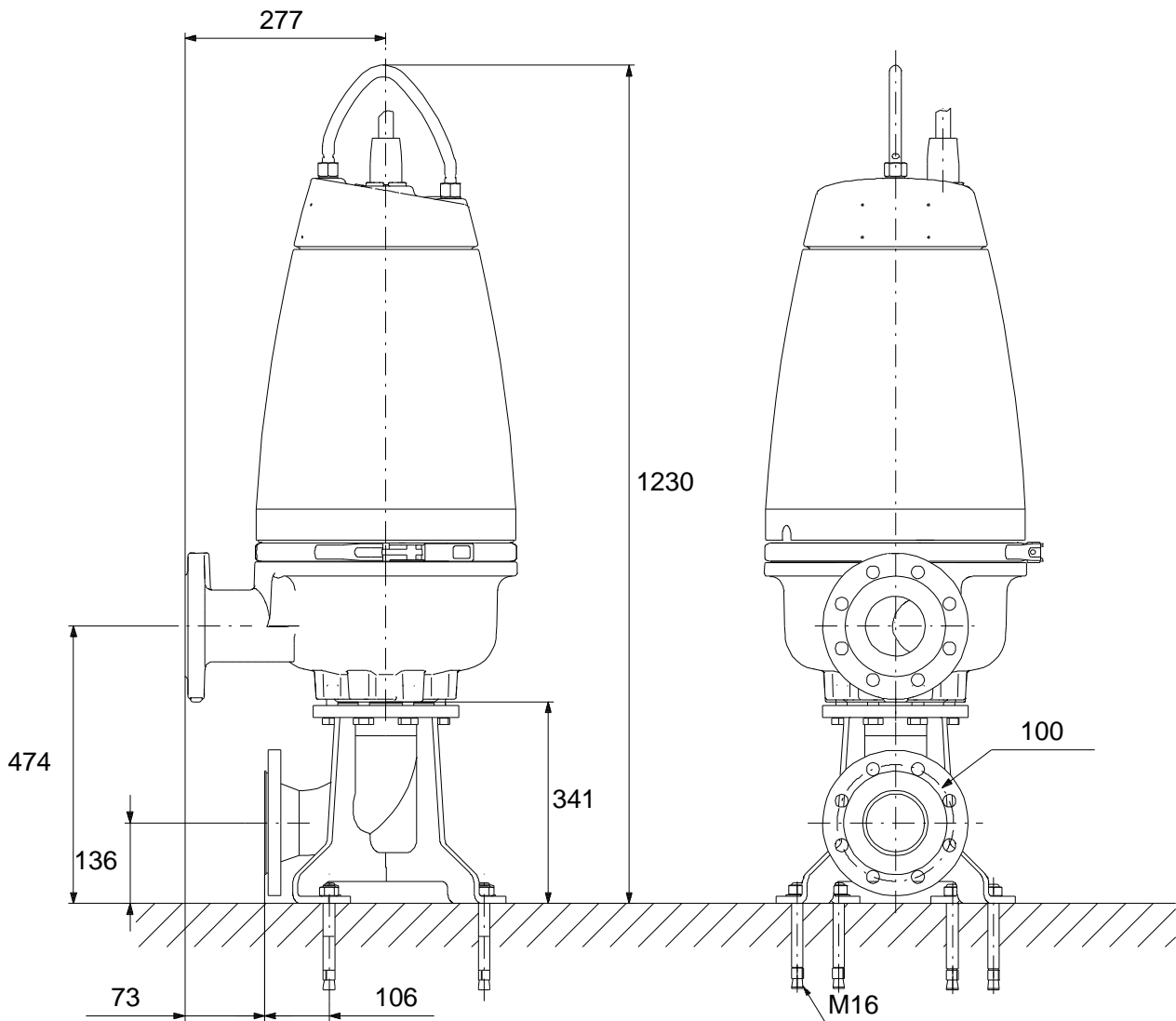
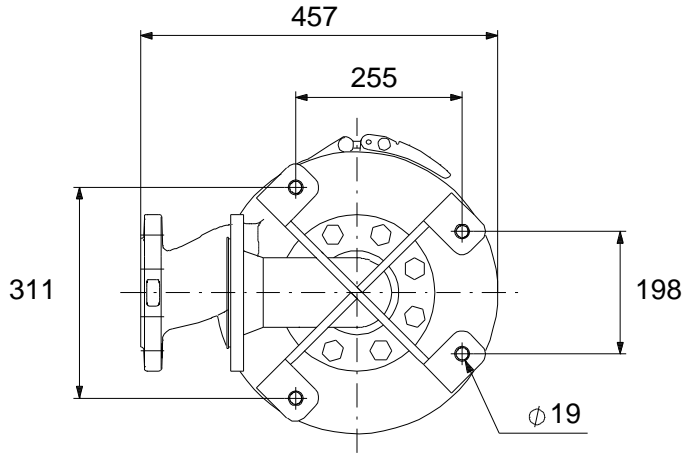
**96047925 SEV.100.100.40.4.51D 50 Hz**



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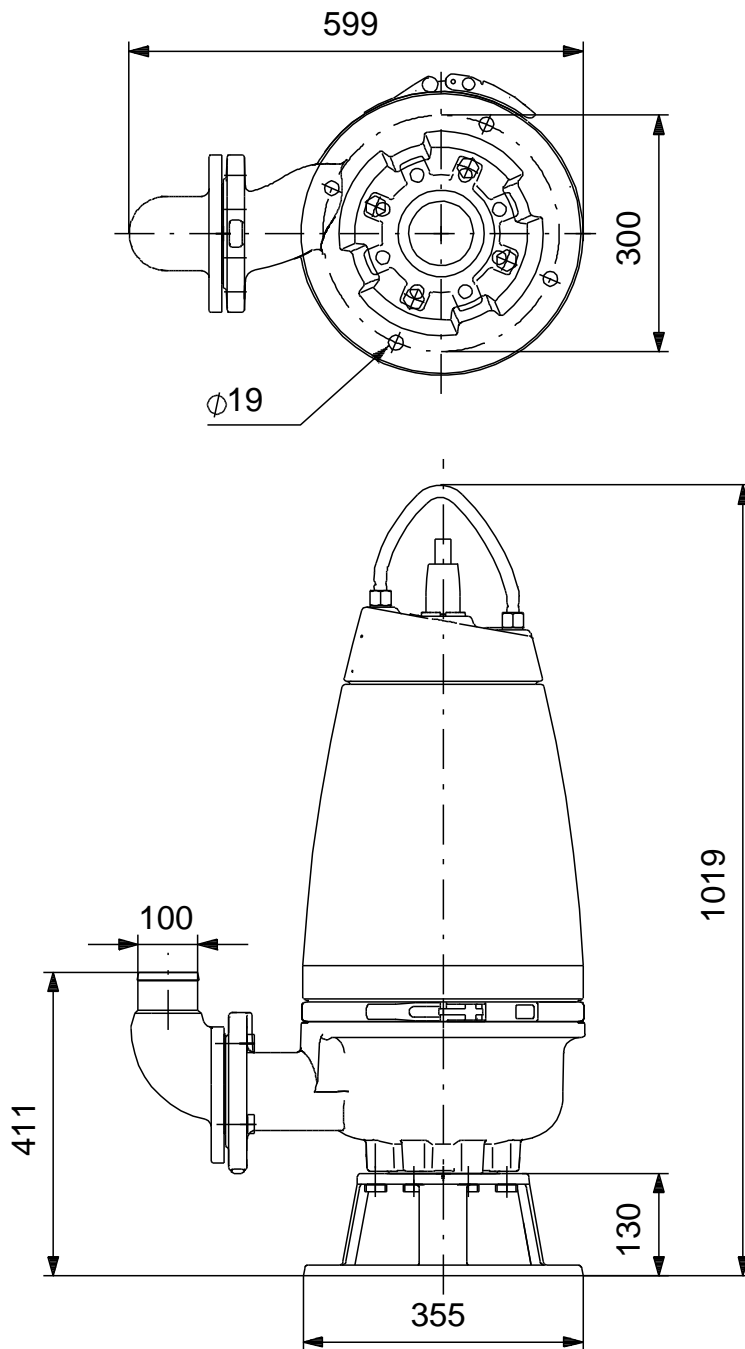


## 96047925 SEV.100.100.40.4.51D 50 Hz



Note! All units are in [mm] unless others are stated.  
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## 96047925 SEV.100.100.40.4.51D 50 Hz



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