
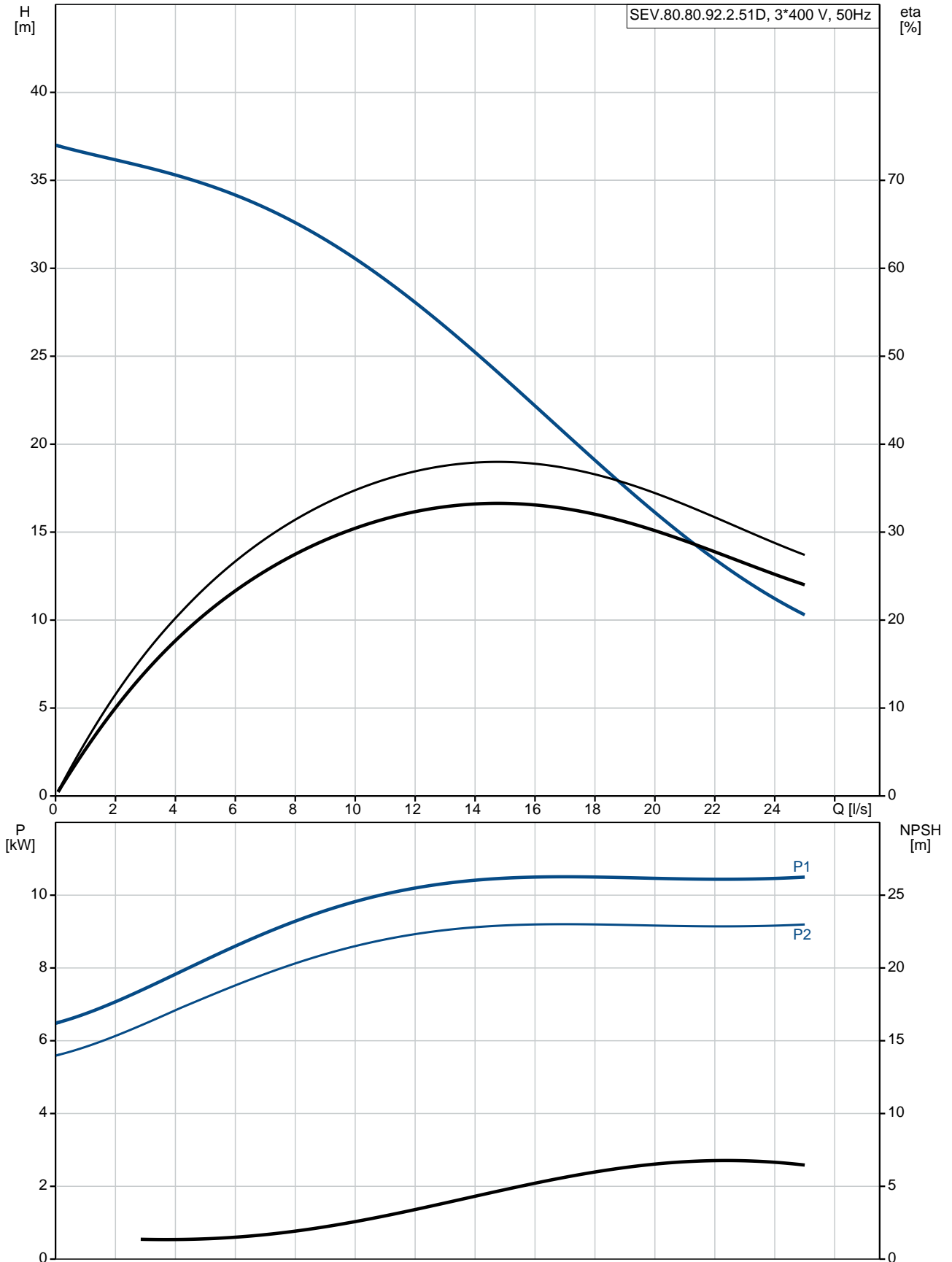


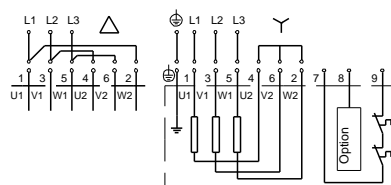
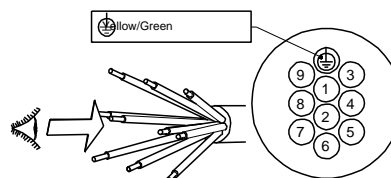
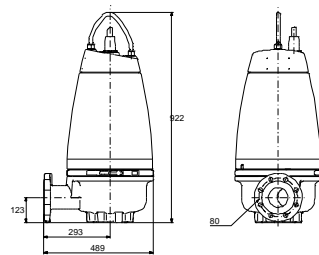
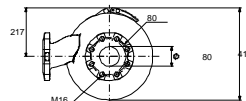
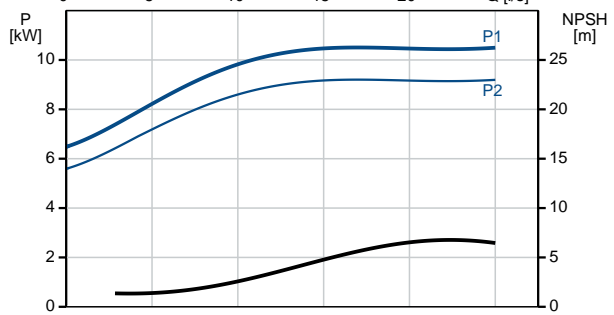
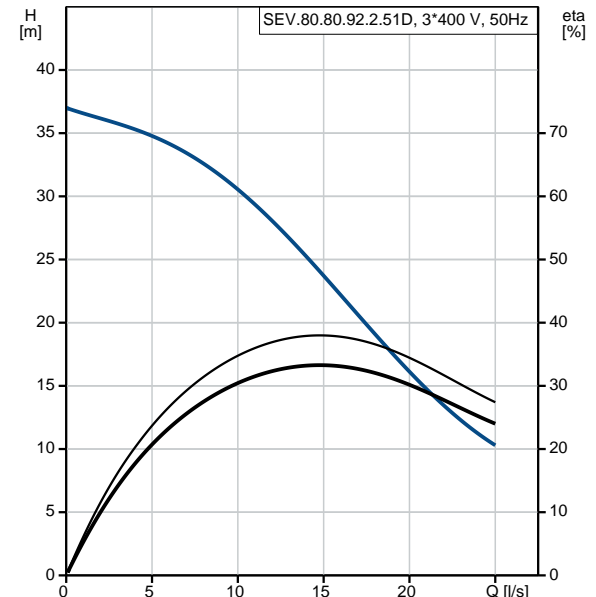
Qty.	Description																																																		
1	<p data-bbox="199 338 430 369">SEV.80.80.92.2.51D</p> <div data-bbox="226 383 560 663">  </div> <p data-bbox="592 640 1075 667">Note! Product picture may differ from actual product</p> <p data-bbox="199 674 467 701">Product No.: 96047207</p> <p data-bbox="199 730 1460 786">Non-self-priming, single-stage, centrifugal pump designed for handling wastewater, process water and unscreened raw sewage.</p> <p data-bbox="199 792 1460 893">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 80 mm and is suitable for wastewater with a dry matter content of up to 5 %.</p> <p data-bbox="199 904 1404 960">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 1021 316 1048">Controls:</p> <table data-bbox="199 1052 855 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 288 1198">Liquid:</p> <table data-bbox="199 1202 799 1288"> <tr> <td>Pumped liquid:</td> <td>Any Newtonian liquid</td> </tr> <tr> <td>Liquid temperature range:</td> <td>0 .. 40 °C</td> </tr> <tr> <td>Density:</td> <td>998.2 kg/m³</td> </tr> </table> <p data-bbox="199 1321 327 1348">Technical:</p> <table data-bbox="199 1352 810 1556"> <tr> <td>Type of impeller:</td> <td>SUPER VORTEX</td> </tr> <tr> <td>Maximum particle size:</td> <td>80 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>39 %</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 1588 320 1615">Materials:</p> <table data-bbox="199 1619 810 1675"> <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 1709 343 1736">Installation:</p> <table data-bbox="199 1740 638 1912"> <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 80</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 1944 379 1971">Electrical data:</p> <table data-bbox="199 1975 722 2092"> <tr> <td>Power input - P1:</td> <td>10.5 kW</td> </tr> <tr> <td>Rated power - P2:</td> <td>9.2 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> </table>	Moisture sensor:	without moisture sensors	Water-in-oil sensor:	without water-in-oil sensor	Temp. sensor:	N	Pumped liquid:	Any Newtonian liquid	Liquid temperature range:	0 .. 40 °C	Density:	998.2 kg/m ³	Type of impeller:	SUPER VORTEX	Maximum particle size:	80 mm	Primary shaft seal:	SIC/SIC	Secondary shaft seal:	CARBON/CERAMICS	Max. hydraulic efficiency:	39 %	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 80	Pressure rating:	PN 10	Maximum installation depth:	20 m	Power input - P1:	10.5 kW	Rated power - P2:	9.2 kW	Mains frequency:	50 Hz	Rated voltage:	3 x 380-415 V
Moisture sensor:	without moisture sensors																																																		
Water-in-oil sensor:	without water-in-oil sensor																																																		
Temp. sensor:	N																																																		
Pumped liquid:	Any Newtonian liquid																																																		
Liquid temperature range:	0 .. 40 °C																																																		
Density:	998.2 kg/m ³																																																		
Type of impeller:	SUPER VORTEX																																																		
Maximum particle size:	80 mm																																																		
Primary shaft seal:	SIC/SIC																																																		
Secondary shaft seal:	CARBON/CERAMICS																																																		
Max. hydraulic efficiency:	39 %																																																		
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 80																																																		
Pressure rating:	PN 10																																																		
Maximum installation depth:	20 m																																																		
Power input - P1:	10.5 kW																																																		
Rated power - P2:	9.2 kW																																																		
Mains frequency:	50 Hz																																																		
Rated voltage:	3 x 380-415 V																																																		

Qty.	Description
	Voltage tolerance: +6/-10 %
	Max starts per. hour: 20
	Rated current: 18.8-17.5 A
	Rated current at 3/4 load: 13.4 A
	Rated current at 1/2 load: 10 A
	Starting current: 162 A
	Rated current at no load: 5.6 A
	Cos phi - power factor: 0.89
	Cos phi - p.f. at no load: 0.16
	Cos phi - p.f. at 3/4 load: 0.85
	Cos phi - p.f. at 1/2 load: 0.78
	Rated speed: 2935 rpm
	Locked-rotor torque: 69 Nm
	Breakdown torque: 99 Nm
	Moment of inertia: 0.0334 kg m ²
	Motor efficiency at full load: 87.6 %
	Motor efficiency at 3/4 load: 87.4 %
	Motor efficiency at 1/2 load: 85.4 %
	Number of poles: 2
	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
	Others:
	Net weight: 190 kg
	Country of origin: HU
	Custom tariff no.: 84137021

96047207 SEV.80.80.92.2.51D 50 Hz



Description	Value
General information:	
Product name:	SEV.80.80.92.2.51D
Product No:	96047207
EAN number:	5700395233247
	5700395233247
Price:	5.290,00 GBP
Technical:	
Max flow:	25 l/s
Head max:	37 m
Type of impeller:	SUPER VORTEX
Maximum particle size:	80 mm
Primary shaft seal:	SIC/SIC
Secondary shaft seal:	CARBON/CERAMICS
Max. hydraulic efficiency:	39 %
Approvals on nameplate:	EN12050-1
Curve tolerance:	ISO9906:2012 3B2
Cooling jacket:	with cooling jacket
Materials:	
Pump housing:	EN 1561 EN-GJL-250
Impeller:	Cast iron
Installation:	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	6 bar
Flange standard:	DIN
Pump outlet:	DN 80
Pressure rating:	PN 10
Maximum installation depth:	20 m
Inst dry/wet:	DRY/SUBMERGED
Installation:	horizontal or vertical
Liquid:	
Pumped liquid:	Any Newtonian liquid
Liquid temperature range:	0 .. 40 °C
Density:	998.2 kg/m ³
Electrical data:	
Power input - P1:	10.5 kW
Rated power - P2:	9.2 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Voltage tolerance:	+6/-10 %
Max starts per. hour:	20
Rated current:	18.8-17.5 A
Rated current at 3/4 load:	13.4 A
Rated current at 1/2 load:	10 A
Starting current:	162 A
Rated current at no load:	5.6 A
Cos phi - power factor:	0.89
Cos phi - p.f. at no load:	0.16
Cos phi - p.f. at 3/4 load:	0.85
Cos phi - p.f. at 1/2 load:	0.78
Rated speed:	2935 rpm
Locked-rotor torque:	69 Nm
Breakdown torque:	99 Nm
Moment of inertia:	0.0334 kg m ²
Motor efficiency at full load:	87.6 %
Motor efficiency at 3/4 load:	87.4 %
Motor efficiency at 1/2 load:	85.4 %
Number of poles:	2
Start. method:	star/delta





Company name:

Created by:

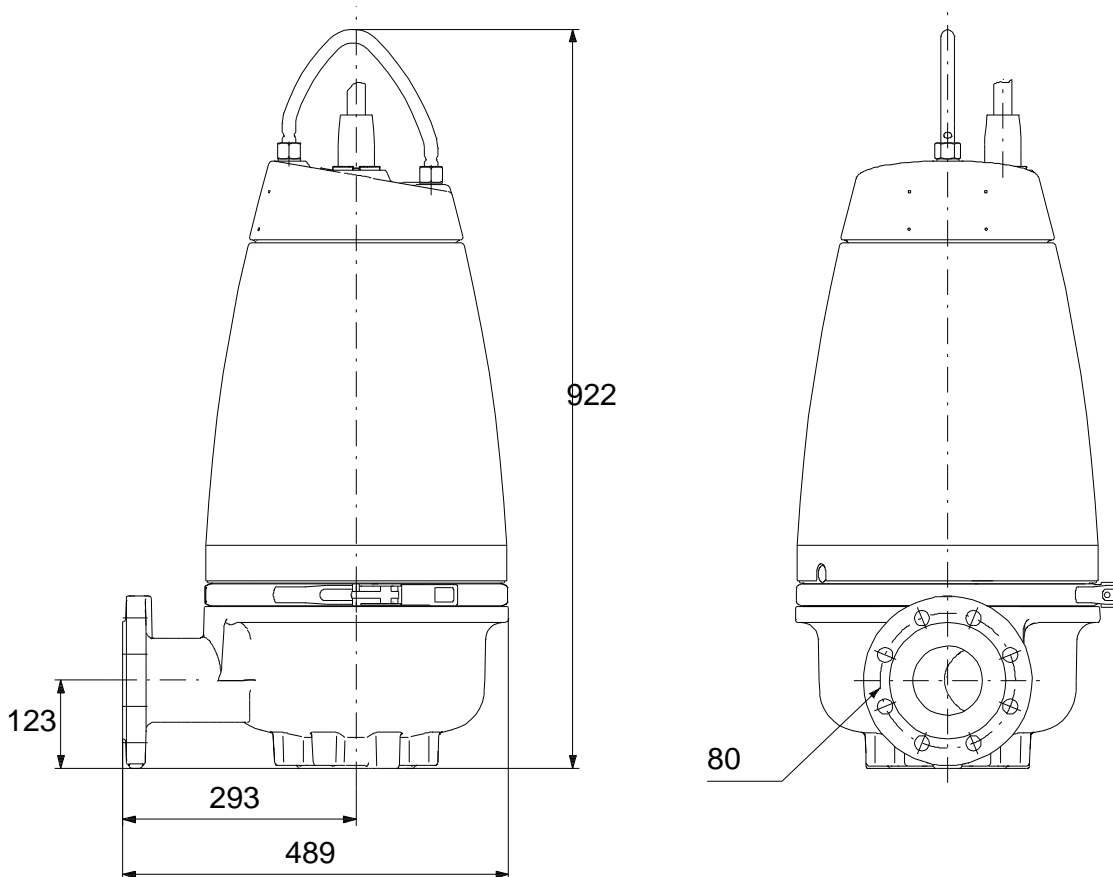
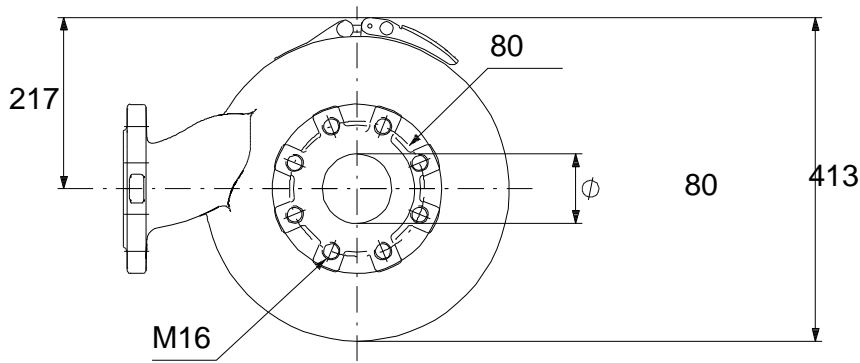
Phone:

Date:

28/01/2020

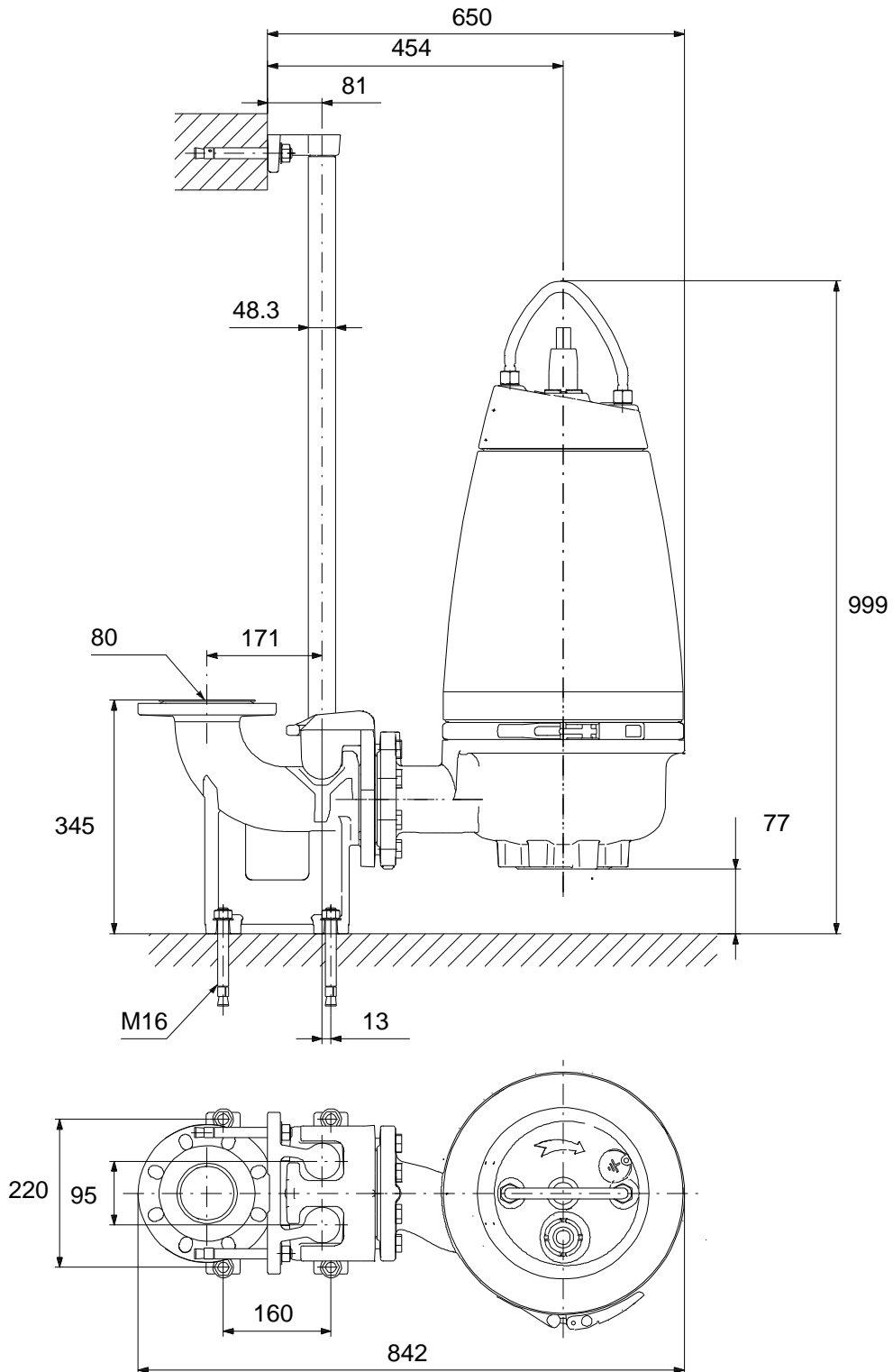
Description	Value
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Explosion proof:	no
Motor protec:	THERMAL SWITCH
Thermal protec:	internal
Length of cable:	10 m
Cable type:	LYNIFLEX
Type of cable plug:	NO PLUG
Controls:	
Control box:	not included
Moisture sensor:	without moisture sensors
Water-in-oil sensor:	without water-in-oil sensor
Temp. sensor:	N
Others:	
Net weight:	190 kg
Country of origin:	HU
Custom tariff no.:	84137021

96047207 SEV.80.80.92.2.51D 50 Hz



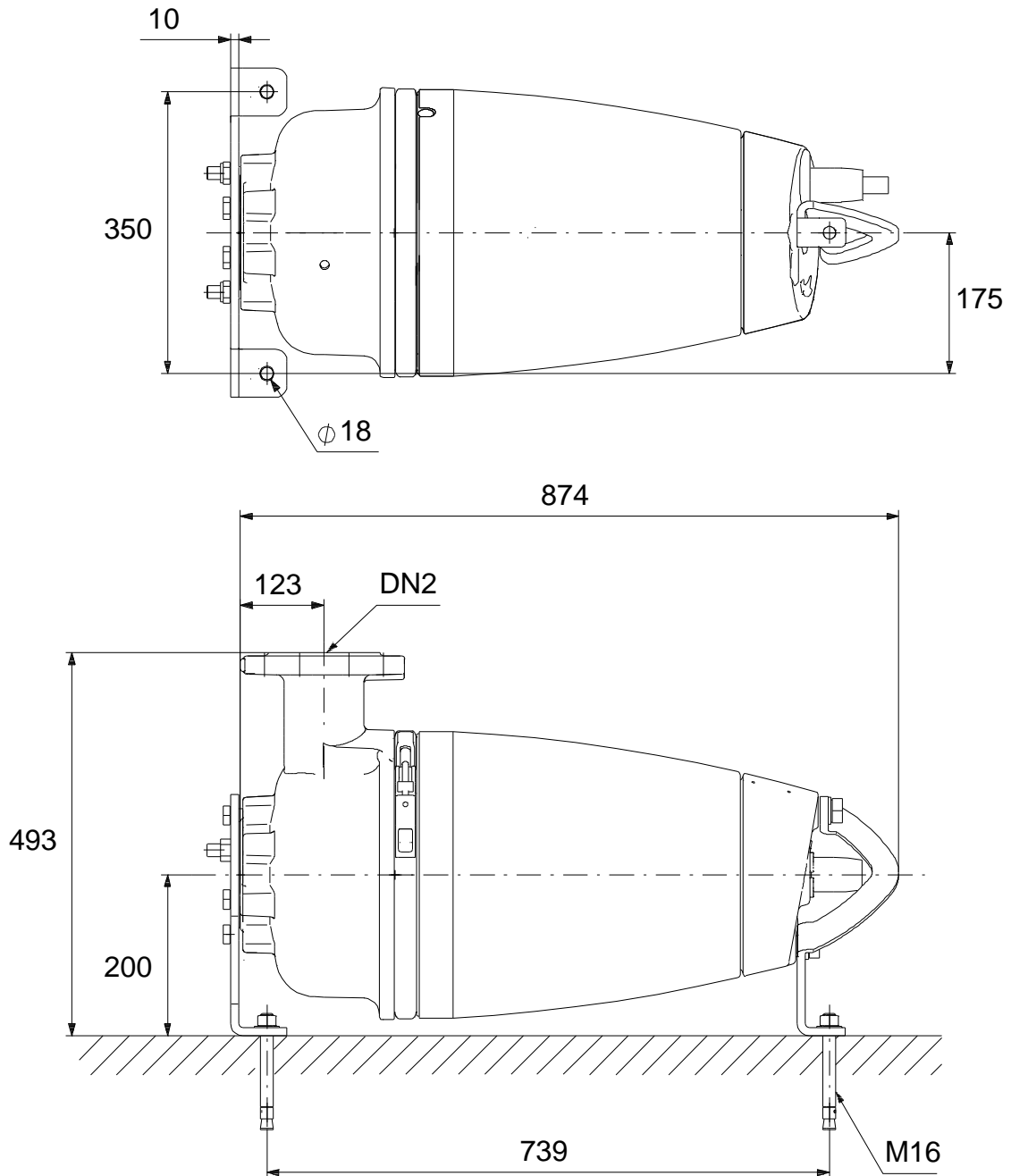
Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

96047207 SEV.80.80.92.2.51D 50 Hz



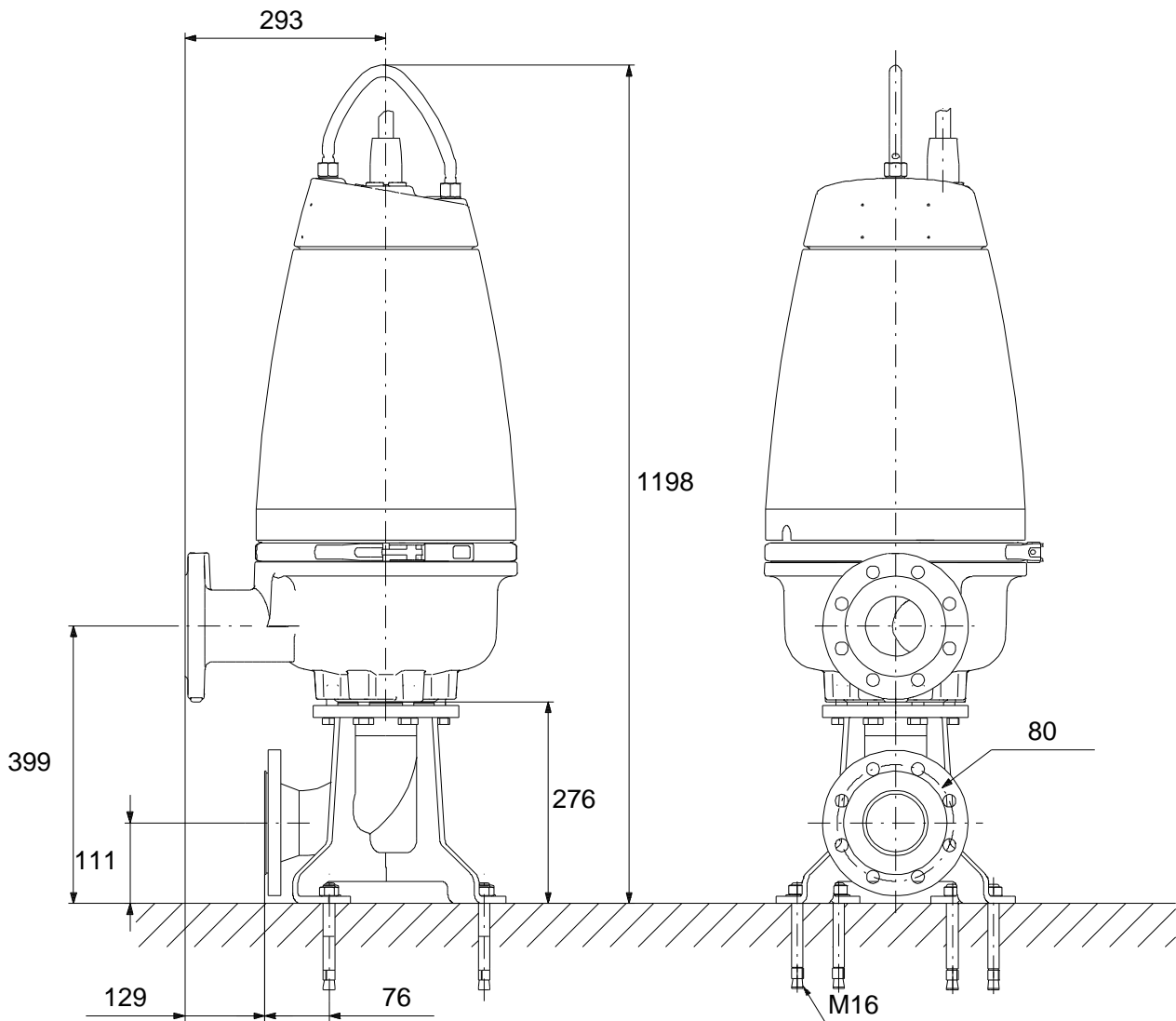
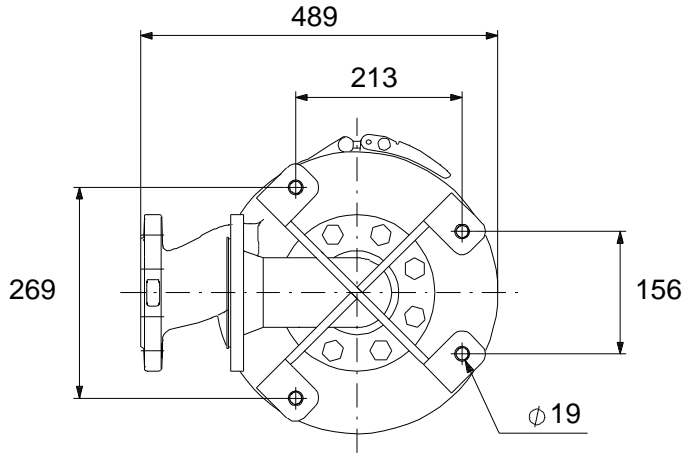
Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

96047207 SEV.80.80.92.2.51D 50 Hz



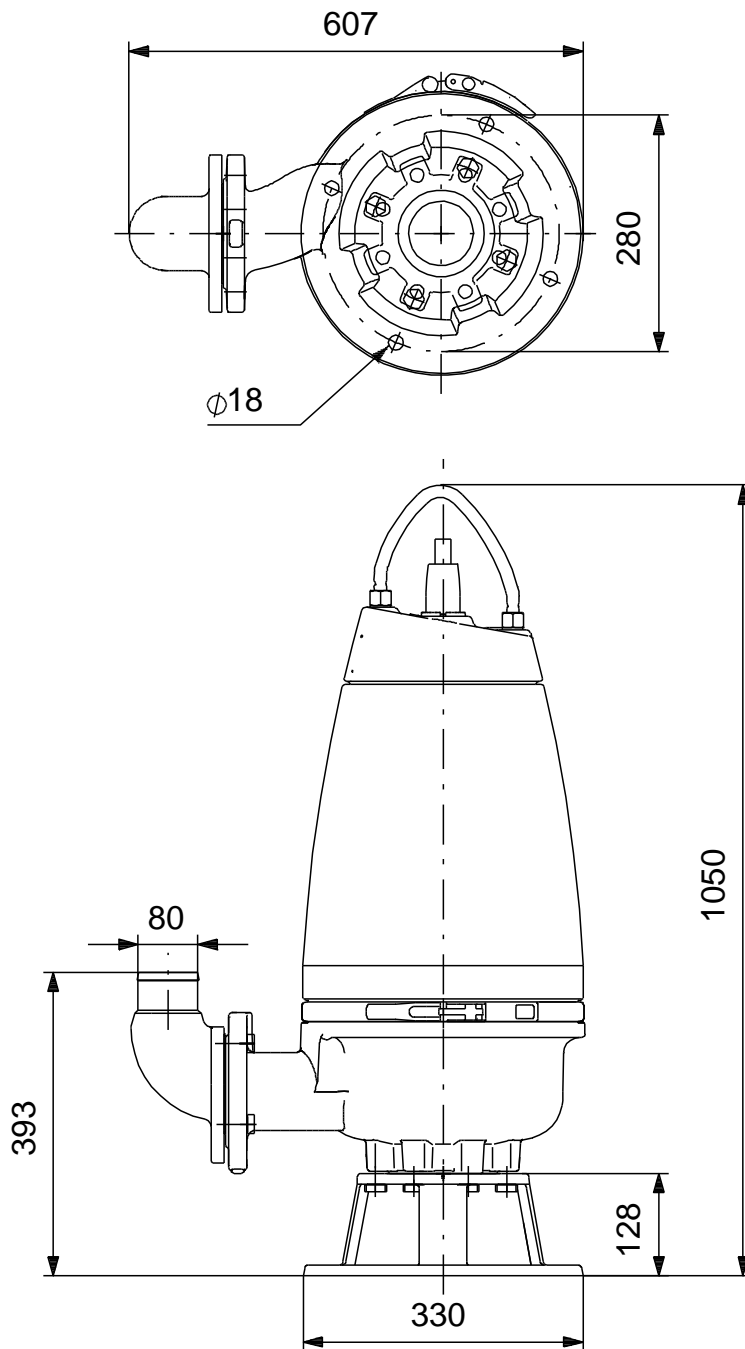
Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

96047207 SEV.80.80.92.2.51D 50 Hz



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

96047207 SEV.80.80.92.2.51D 50 Hz



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