


Position	Qty.	Description
	1	<div><div>SLV.80.80.40.4.50D.C</div><div></div><div><div>Note! Product picture may differ from actual product</div><div>Product No.: 98626013</div><div><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 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>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></div><div><div>Controls:</div><div><div>Moisture sensor:</div><div>Water-in-oil sensor:</div><div>with moisture sensors</div><div>without water-in-oil sensor</div></div><div><div>Liquid:</div><div><div>Pumped liquid:</div><div>Maximum liquid temperature:</div><div>Density:</div><div>Any Newtonian liquid</div><div>40 °C</div><div>998.2 kg/m³</div></div></div><div><div>Technical:</div><div><div>Actual calculated flow:</div><div>Resulting head of the pump:</div><div>Type of impeller:</div><div>Maximum particle size:</div><div>Primary shaft seal:</div><div>Secondary shaft seal:</div><div>Approvals on nameplate:</div><div>Curve tolerance:</div><div>9.4 l/s</div><div>14.17 m</div><div>SUPER VORTEX</div><div>80 mm</div><div>SIC/SIC</div><div>CARBON/CERAMICS</div><div>CE, EN12050-1</div><div>ISO9906:2012 3B2</div></div></div><div><div>Materials:</div><div><div>Pump housing:</div><div>Impeller:</div><div>Motor:</div><div>Cast iron (EN-GJL-250)</div><div>EN-GJL-250</div><div>Cast iron (EN-GJL-250)</div><div>EN-GJL-250</div><div>EN-GJL-250</div></div></div><div><div>Installation:</div><div><div>Maximum ambient temperature:</div><div>Flange standard:</div><div>Pump inlet:</div><div>Pump outlet:</div><div>Pressure stage:</div><div>Maximum installation depth:</div><div>40 °C</div><div>DIN</div><div>80</div><div>80</div><div>PN 10</div><div>20 m</div></div></div><div><div>Electrical data:</div><div><div>Power input - P1:</div><div>4.8 kW</div></div></div></div></div></div>

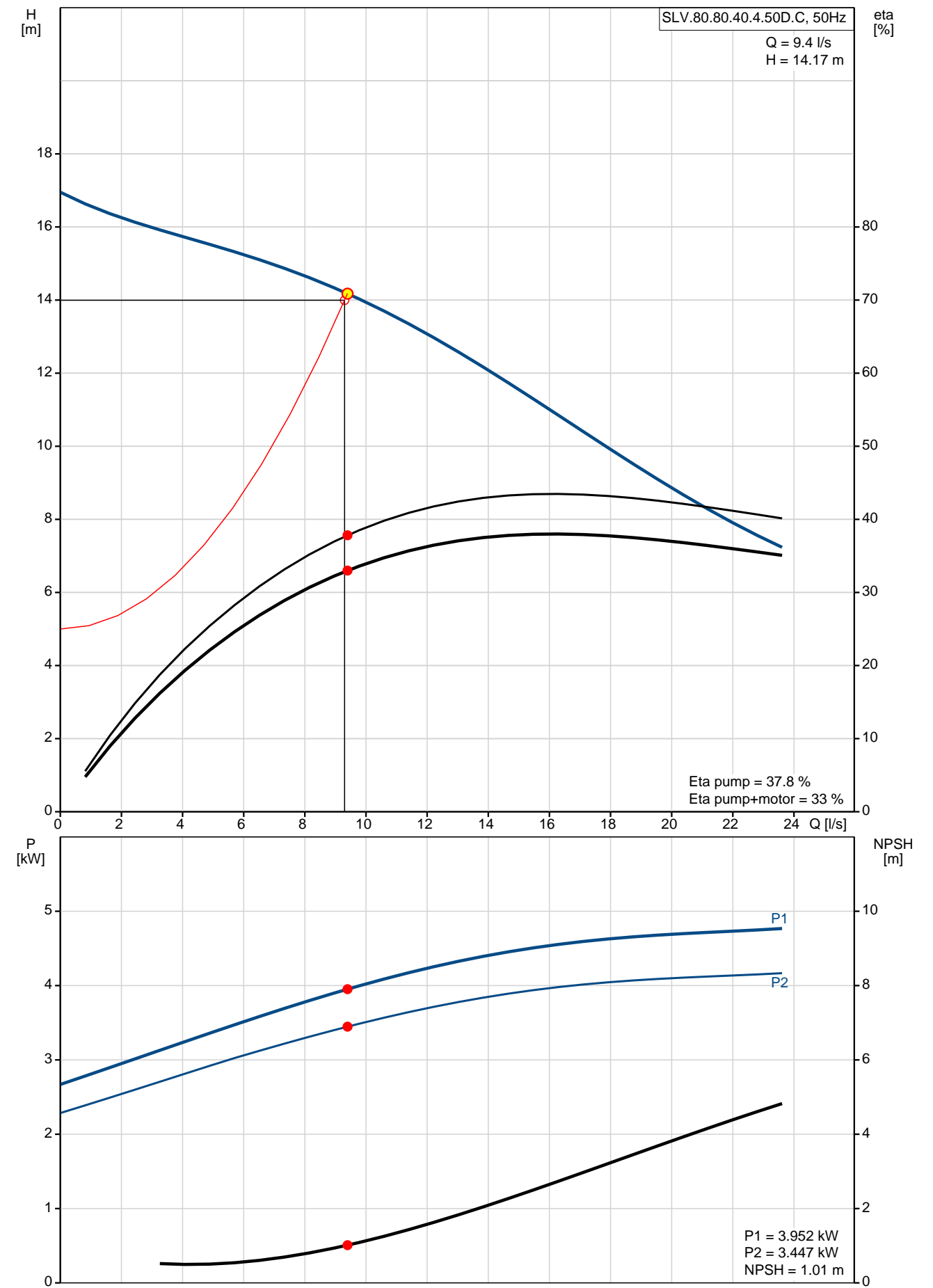
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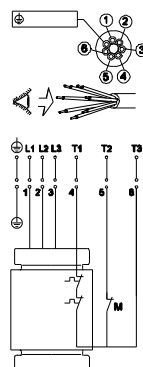
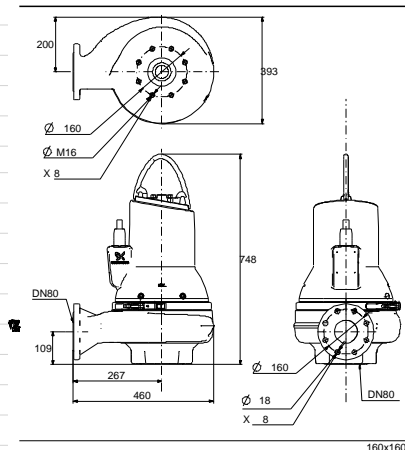
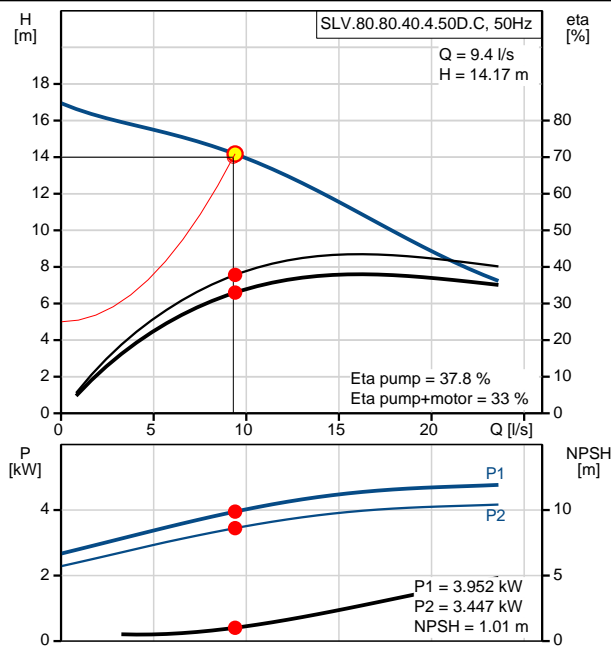
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Position	Qty.	Description
		<p>Rated power - P2: 4 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-415 V</p> <p>Voltage tolerance: +10/-10 %</p> <p>Max starts per. hour: 20</p> <p>Rated current: 10.7-10.1 A</p> <p>Starting current: 65 A</p> <p>Cos phi - power factor: 0.72</p> <p>Cos phi - p.f. at 3/4 load: 0.63</p> <p>Cos phi - p.f. at 1/2 load: 0.50</p> <p>Rated speed: 1464 rpm</p> <p>Motor efficiency at full load: 87.4 %</p> <p>Motor efficiency at 3/4 load: 87.1 %</p> <p>Motor efficiency at 1/2 load: 85.0 %</p> <p>Number of poles: 4</p> <p>Start. method: direct-on-line</p> <p>Enclosure class (IEC 34-5): IP68</p> <p>Insulation class (IEC 85): H</p> <p>Explosion proof: no</p> <p>Length of cable: 10 m</p> <p>Cable type: LYNIFLEX</p> <p>Others:</p> <p>Net weight: 132 kg</p>

98626013 SLV.80.80.40.4.50D.C 50 Hz

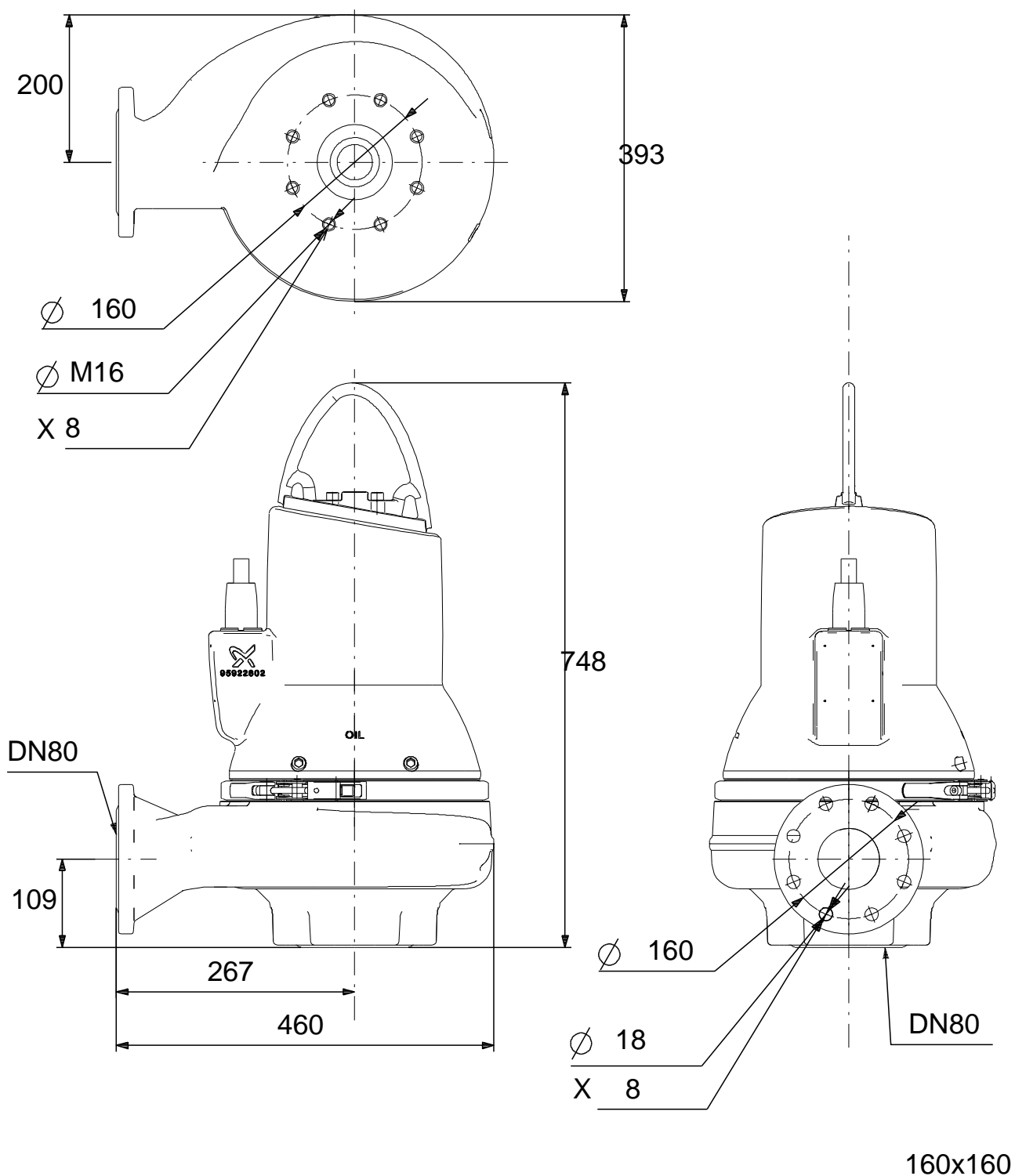


Description	Value
General information:	
Product name:	SLV.80.80.40.4.50D.C
Product No:	98626013
EAN number:	5711498464544
Price:	On request
Technical:	
Actual calculated flow:	9.4 l/s
Max flow:	23.6 l/s
Resulting head of the pump:	14.17 m
Head max:	18.5 m
Type of impeller:	SUPER VORTEX
Maximum particle size:	80 mm
Primary shaft seal:	SIC/SIC
Secondary shaft seal:	CARBON/CERAMICS
Approvals on nameplate:	CE, EN12050-1
Curve tolerance:	ISO9906:2012 3B2
Cooling jacket:	without cooling jacket
Materials:	
Pump housing:	Cast iron (EN-GJL-250)
	EN-GJL-250
Impeller:	Cast iron (EN-GJL-250)
	EN-GJL-250
Motor:	EN-GJL-250
Installation:	
Maximum ambient temperature:	40 °C
Flange standard:	DIN
Pump inlet:	80
Pump outlet:	80
Pressure stage:	PN 10
Maximum installation depth:	20 m
Inst dry/wet:	SUBMERGED
Installation:	VERTICAL
Liquid:	
Pumped liquid:	Any Newtonian liquid
Maximum liquid temperature:	40 °C
Density:	998.2 kg/m ³
Electrical data:	
Power input - P1:	4.8 kW
Rated power - P2:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Voltage tolerance:	+10/-10 %
Max starts per. hour:	20
Rated current:	10.7-10.1 A
Starting current:	65 A
Cos phi - power factor:	0.72
Cos phi - p.f. at 3/4 load:	0.63
Cos phi - p.f. at 1/2 load:	0.50
Rated speed:	1464 rpm
Motor efficiency at full load:	87.4 %
Motor efficiency at 3/4 load:	87.1 %
Motor efficiency at 1/2 load:	85.0 %
Number of poles:	4
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	H
Explosion proof:	no
Motor protec:	THERMAL SWITCH



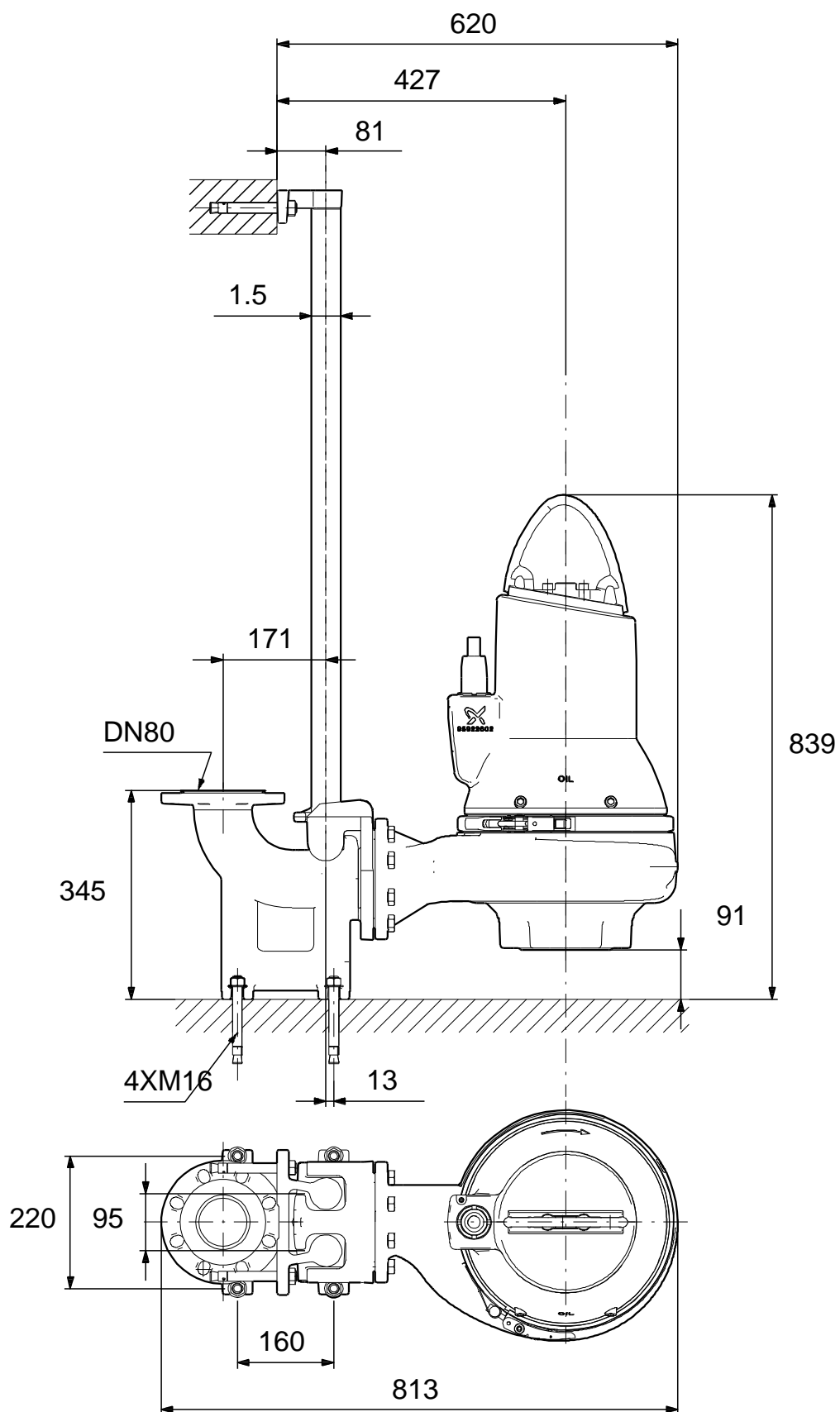
Description	Value
Length of cable:	10 m
Cable type:	LYNIFLEX
Controls:	
Additional I/O:	N
Moisture sensor:	with moisture sensors
Water-in-oil sensor:	without water-in-oil sensor
Others:	
Net weight:	132 kg

98626013 SLV.80.80.40.4.50D.C 50 Hz



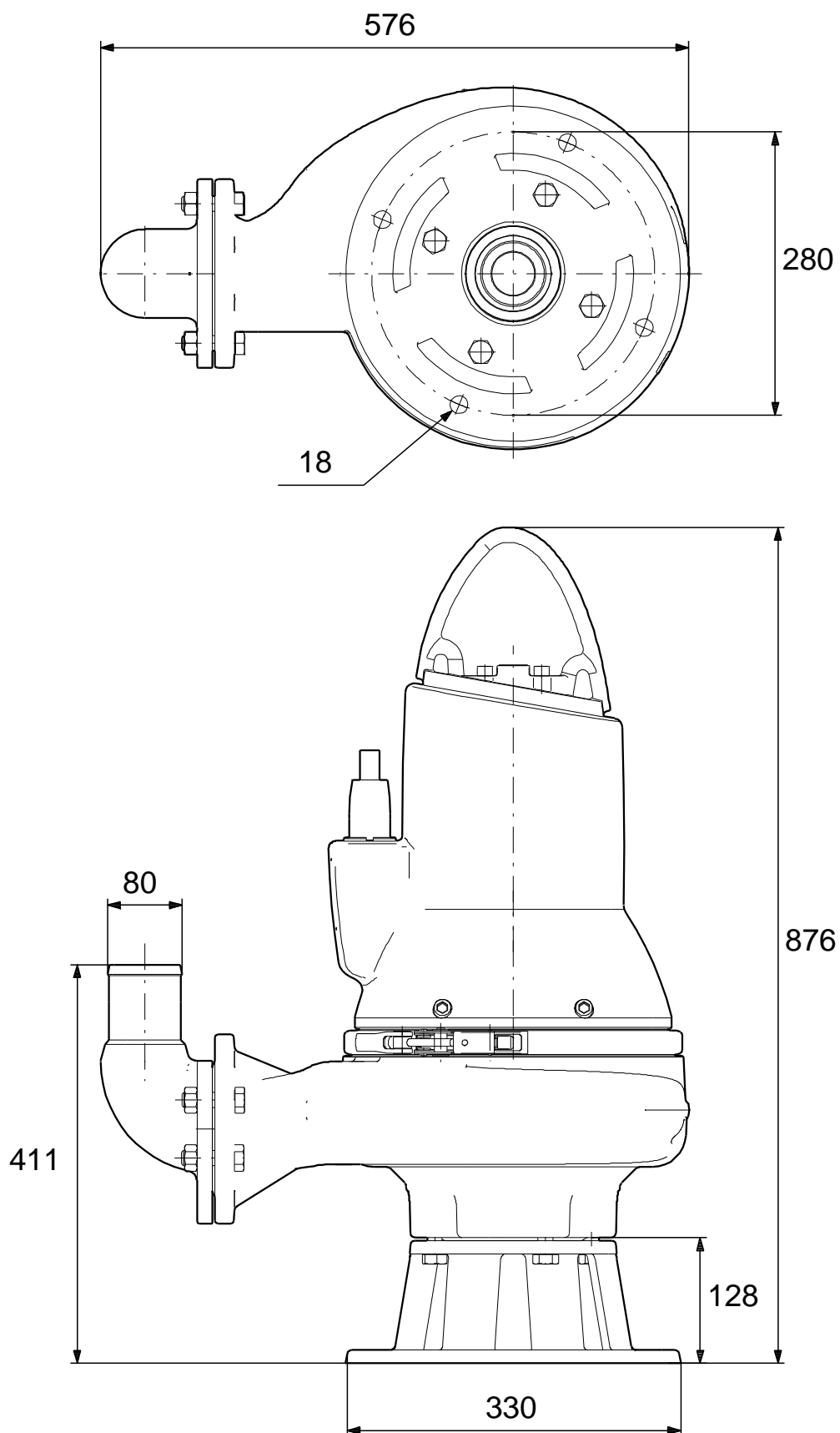
Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

98626013 SLV.80.80.40.4.50D.C 50 Hz



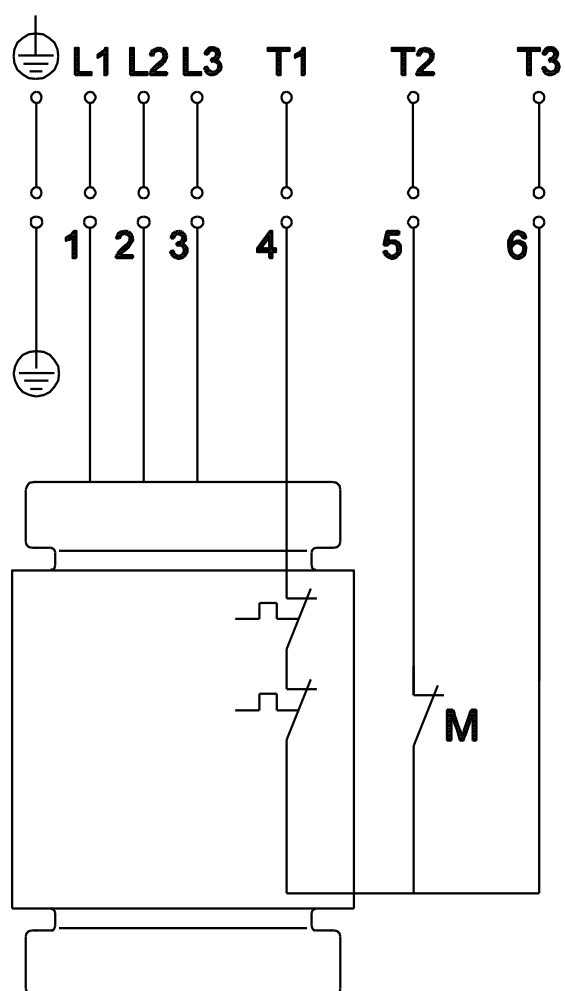
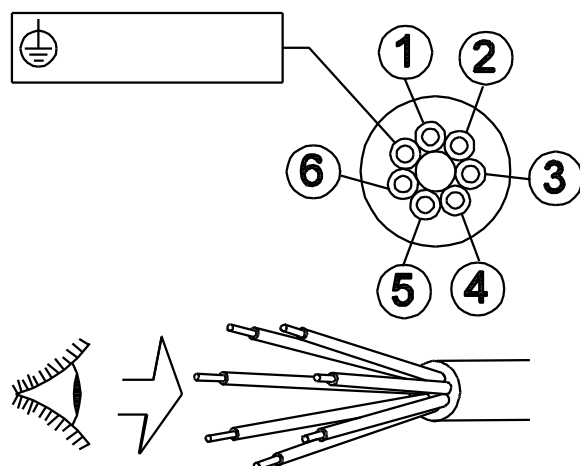
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98626013 SLV.80.80.40.4.50D.C 50 Hz



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98626013 SLV.80.80.40.4.50D.C 50 Hz



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