
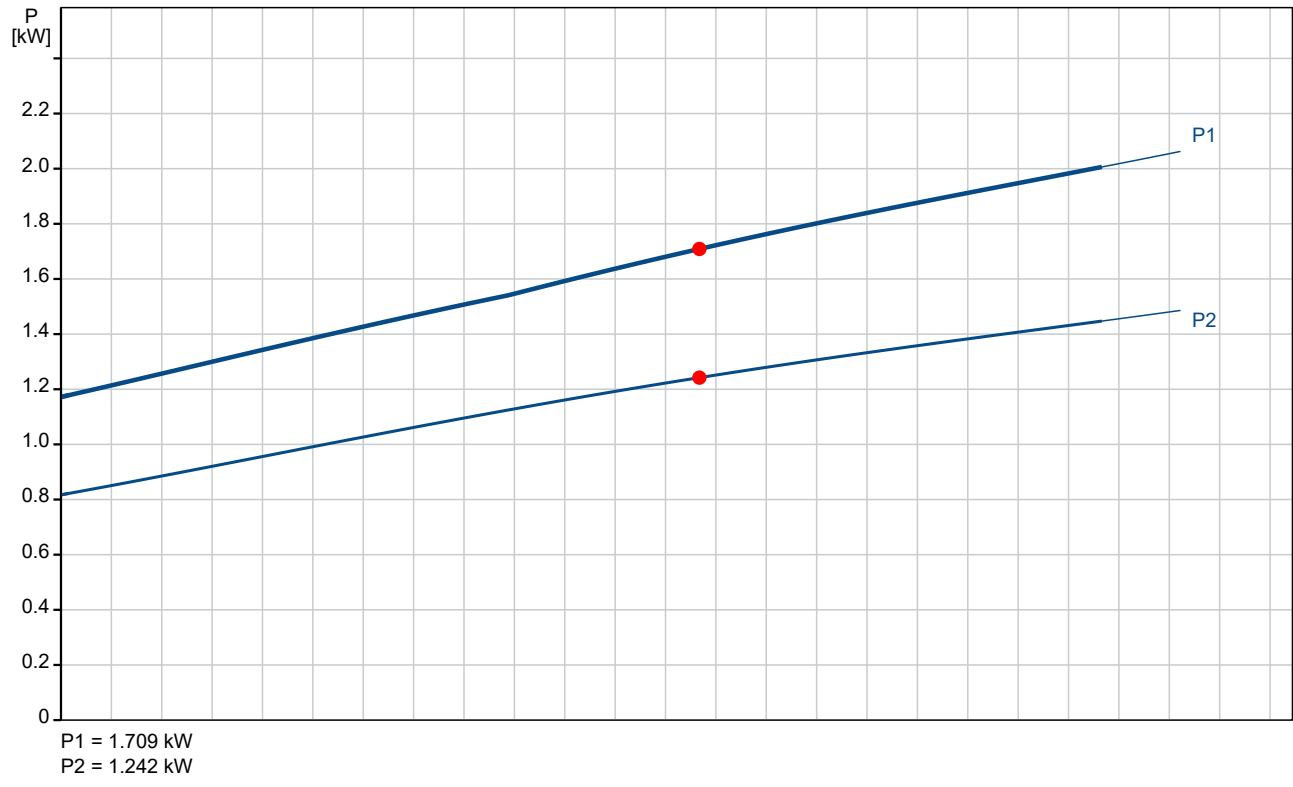
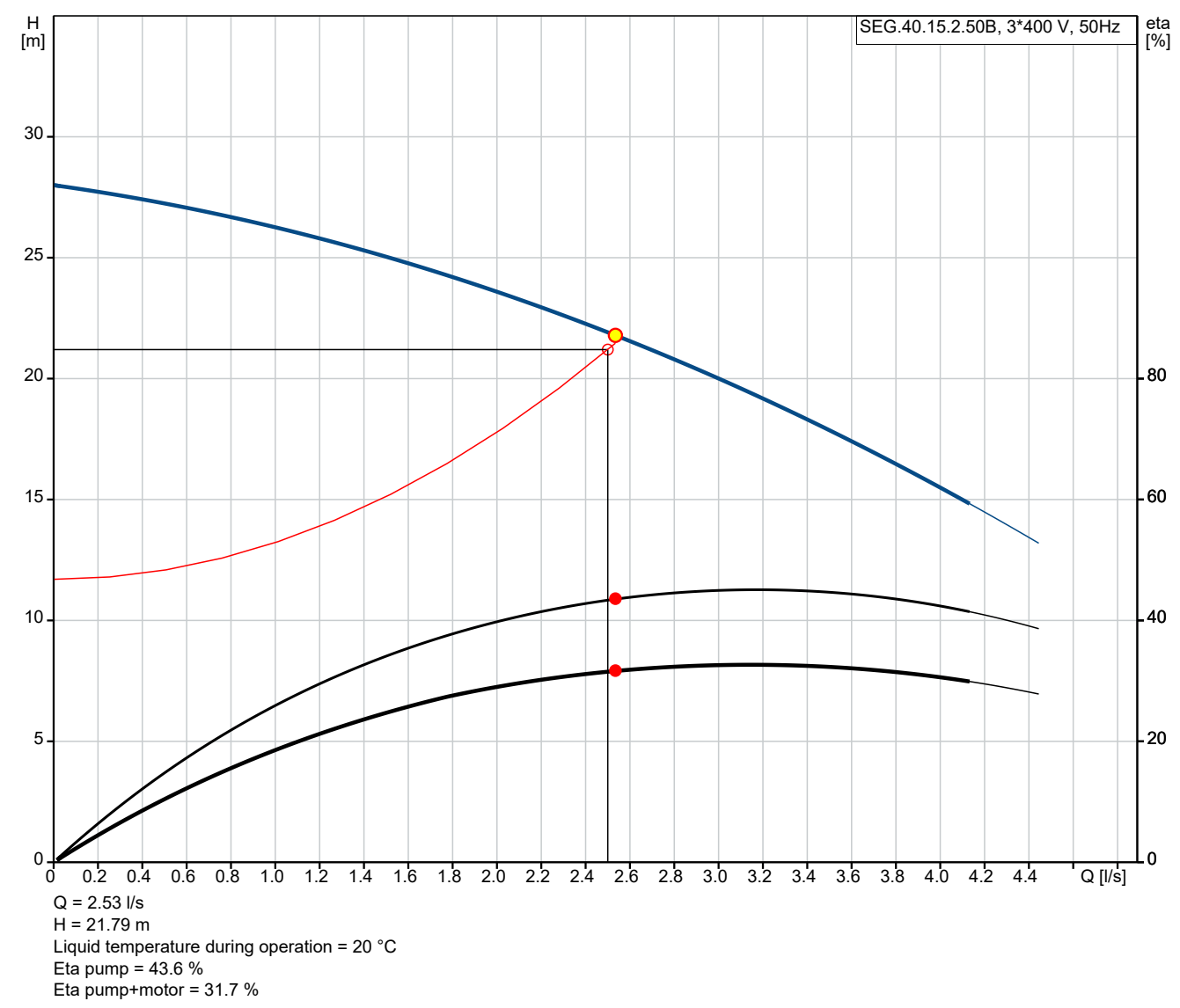


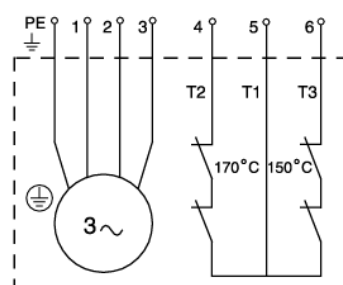
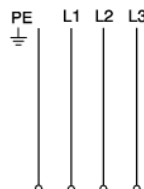
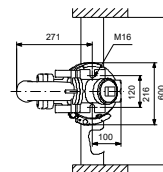
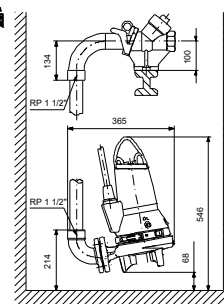
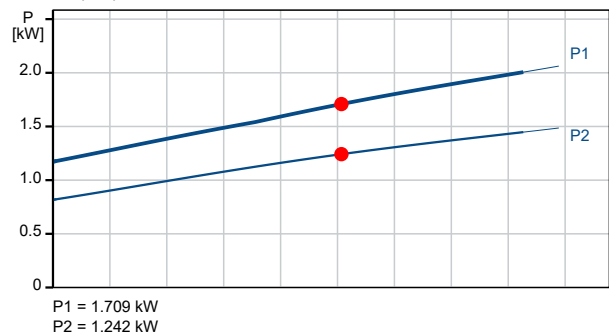
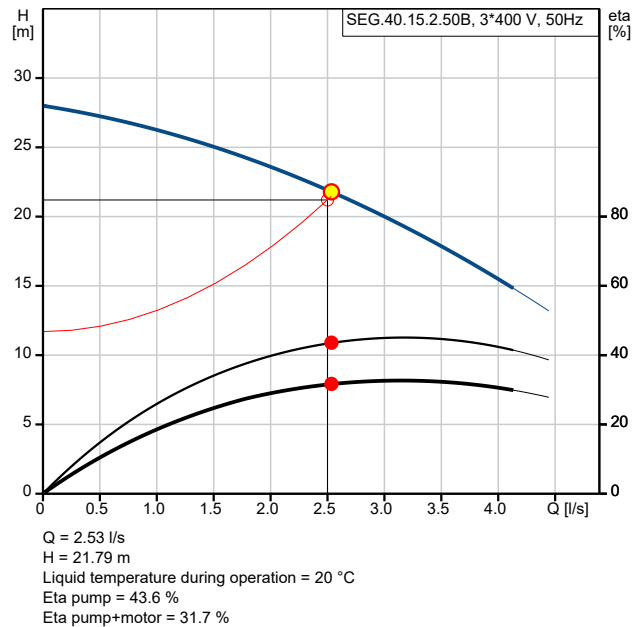
Qty.	Description																																								
1	<p>SEG.40.15.2.50B</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: 96075909</p> <p>Grundfos SEG grinder pumps are non-self-priming, single-stage, centrifugal pumps with horizontal discharge port, specifically designed for pumping wastewater containing discharge from toilets. The pump is equipped with a grinder system that grinds destructible solids into small pieces to lead them through pipes with a relatively small diameter.</p> <p>SEG grinder pumps are ideal for use in sparsely populated areas, where gravity sewage systems are not available. Examples include villages, farm areas and areas with large terrain-level differences, where a pressurised system has advantages.</p> <p>The pump is available for two types of installation:</p> <ul style="list-style-type: none"> • submerged installation on auto-coupling systems • submerged installation, free-standing. <p>The pump is made of wear-resistant materials, such as cast iron and stainless steel. These materials ensure reliable operation.</p> <p>The surface of the pump is smooth to prevent dirt and impurities from sticking.</p> <p>The corrosion-resistant stainless steel clamp is securing the motor to the pump housing and allow the easy service of the pump.</p> <p>SmartTrim system allows easy adjustment of the impeller clearance to ensure maximum efficiency during the pump lifespan.</p> <p>The range is designed to reduce energy consumption and keep downtime costs to a minimum, while maintaining peak performance throughout the lifespan of the system.</p> <p>Controls:</p> <table> <tr> <td>Moisture sensor:</td><td>without moisture sensors</td></tr> <tr> <td>AUTOADAPT:</td><td>NO</td></tr> </table> <p>Liquid:</p> <table> <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>Selected liquid temperature:</td><td>20 °C</td></tr> <tr> <td>Density:</td><td>998.2 kg/m³</td></tr> </table> <p>Technical:</p> <table> <tr> <td>Actual calculated flow:</td><td>2.53 l/s</td></tr> <tr> <td>Resulting head of the pump:</td><td>21.79 m</td></tr> <tr> <td>Type of impeller:</td><td>Grinder system</td></tr> <tr> <td>Primary shaft seal:</td><td>SIC/SIC</td></tr> <tr> <td>Approvals:</td><td>PA-I</td></tr> <tr> <td>Curve tolerance:</td><td>ISO9906:2012 3B2</td></tr> </table> <p>Materials:</p> <table> <tr> <td>Pump housing:</td><td>Cast iron EN1561 EN-GJL-200</td></tr> <tr> <td>Impeller:</td><td>Cast iron EN1561 EN-GJL-200</td></tr> </table> <p>Installation:</p> <table> <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>Pipework connection:</td><td>DN 40/50</td></tr> <tr> <td>Pump outlet:</td><td>DN 40</td></tr> <tr> <td>Pressure rating:</td><td>PN 10</td></tr> </table>	Moisture sensor:	without moisture sensors	AUTOADAPT:	NO	Pumped liquid:	Any Newtonian liquid	Liquid temperature range:	0 .. 40 °C	Selected liquid temperature:	20 °C	Density:	998.2 kg/m³	Actual calculated flow:	2.53 l/s	Resulting head of the pump:	21.79 m	Type of impeller:	Grinder system	Primary shaft seal:	SIC/SIC	Approvals:	PA-I	Curve tolerance:	ISO9906:2012 3B2	Pump housing:	Cast iron EN1561 EN-GJL-200	Impeller:	Cast iron EN1561 EN-GJL-200	Maximum ambient temperature:	40 °C	Maximum operating pressure:	6 bar	Flange standard:	DIN	Pipework connection:	DN 40/50	Pump outlet:	DN 40	Pressure rating:	PN 10
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Qty.	Description
1	<p>Maximum installation depth: 10 m</p> <p>Auto-coupling: 96076063</p> <p>Electrical data:</p> <p>Power input - P1: 2.1 kW</p> <p>Rated power - P2: 1.5 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 400-415 V</p> <p>Voltage tolerance: +6/-10 %</p> <p>Max starts per hour: 30</p> <p>Rated current: 4 A</p> <p>Starting current: 21 A</p> <p>Rated current at no load: 2.2 A</p> <p>Cos phi - power factor: 0.87</p> <p>Cos phi - p.f. at 3/4 load: 0.79</p> <p>Cos phi - p.f. at 1/2 load: 0.66</p> <p>Rated speed: 2700 rpm</p> <p>Moment of inertia: 0.004 kg m²</p> <p>Motor efficiency at full load: 72 %</p> <p>Motor efficiency at 3/4 load: 73 %</p> <p>Motor efficiency at 1/2 load: 69 %</p> <p>Number of poles: 2</p> <p>Start. method: direct-on-line</p> <p>Enclosure class (IEC 34-5): IP68</p> <p>Insulation class (IEC 85): F</p> <p>Explosion proof: no</p> <p>Length of cable: 10 m</p> <p>Cable type: 07RN8-F</p> <p>Type of cable plug: No plug</p> <p>Others:</p> <p>Net weight: 42.8 kg</p> <p>Danish VVS No.: 391342151</p> <p>Swedish RSK No.: 5885830</p> <p>Finnish LVI No.: 4836102</p> <p>Norwegian NRF no.: 9045802</p>

96075909 SEG.40.15.2.50B 50 Hz

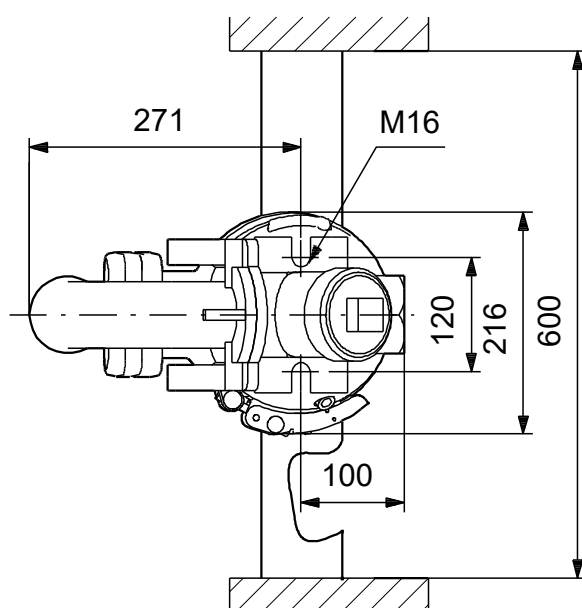
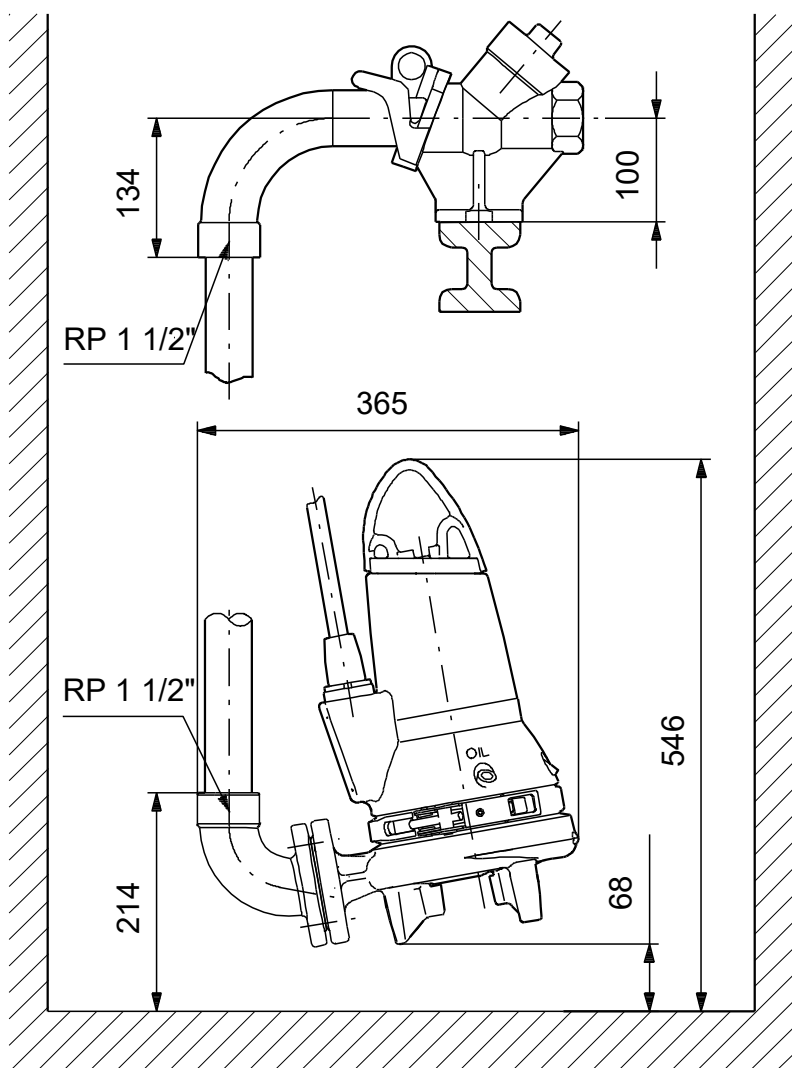


Description	Value
General information:	
Product name:	SEG.40.15.2.50B
Product No:	96075909
EAN number:	5700394850834
Technical:	
Actual calculated flow:	2.53 l/s
Max flow:	4.17 l/s
Resulting head of the pump:	21.79 m
Head max:	25.8 m
Type of impeller:	Grinder system
Primary shaft seal:	SIC/SIC
Approvals:	PA-I
Curve tolerance:	ISO9906:2012 3B2
Materials:	
Pump housing:	Cast iron
Pump housing:	EN1561 EN-GJL-200
Impeller:	Cast iron
Impeller:	EN1561 EN-GJL-200
Installation:	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	6 bar
Flange standard:	DIN
Pipework connection:	DN 40/50
Pump outlet:	DN 40
Pressure rating:	PN 10
Maximum installation depth:	10 m
Inst dry/wet:	SUBMERGED
Auto-coupling:	96076063
Liquid:	
Pumped liquid:	Any Newtonian liquid
Liquid temperature range:	0 .. 40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Power input - P1:	2.1 kW
Rated power - P2:	1.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 400-415 V
Voltage tolerance:	+6/-10 %
Max starts per hour:	30
Rated current:	4 A
Starting current:	21 A
Rated current at no load:	2.2 A
Cos phi - power factor:	0.87
Cos phi - p.f. at 3/4 load:	0.79
Cos phi - p.f. at 1/2 load:	0.66
Rated speed:	2700 rpm
Moment of inertia:	0.004 kg m²
Motor efficiency at full load:	72 %
Motor efficiency at 3/4 load:	73 %
Motor efficiency at 1/2 load:	69 %
Number of poles:	2
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Explosion proof:	no
Built-in motor protection:	THERMAL SWITCH
Thermal protec:	external
Length of cable:	10 m
Cable type:	07RN8-F
Type of cable plug:	No plug
Controls:	
Control box:	not included
Additional I/O:	External



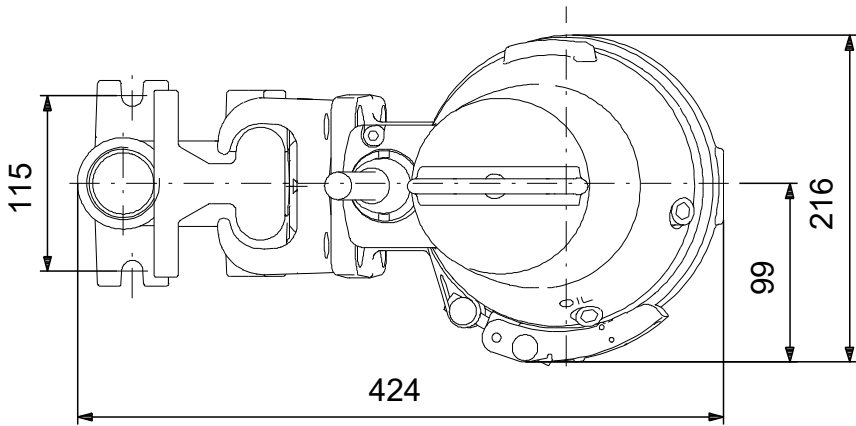
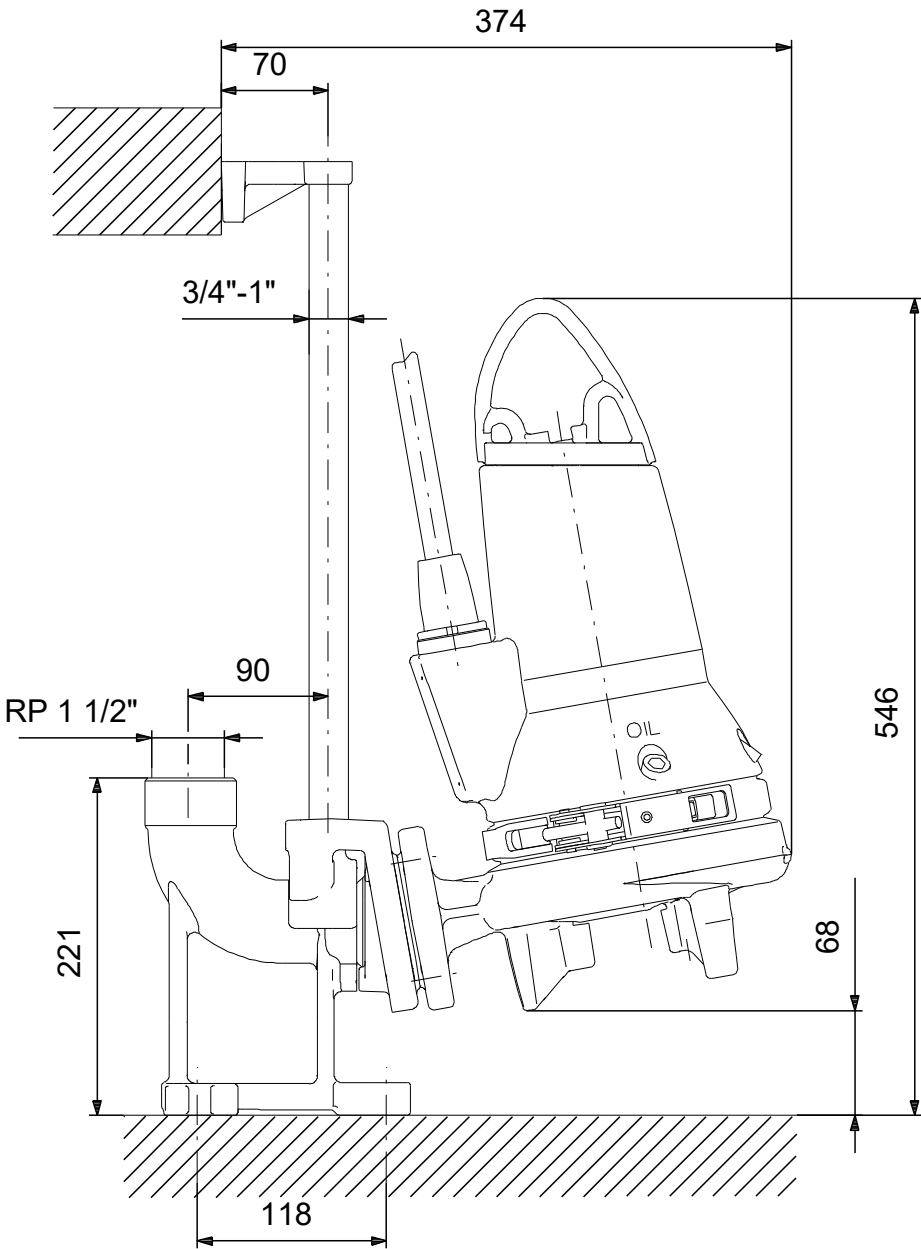
Description	Value
Moisture sensor:	without moisture sensors
AUTOADAPT:	NO
Others:	
Net weight:	42.8 kg
Danish VVS No.:	391342151
Swedish RSK No.:	5885830
Finnish LVI No.:	4836102
Norwegian NRF no.:	9045802

96075909 SEG.40.15.2.50B 50 Hz



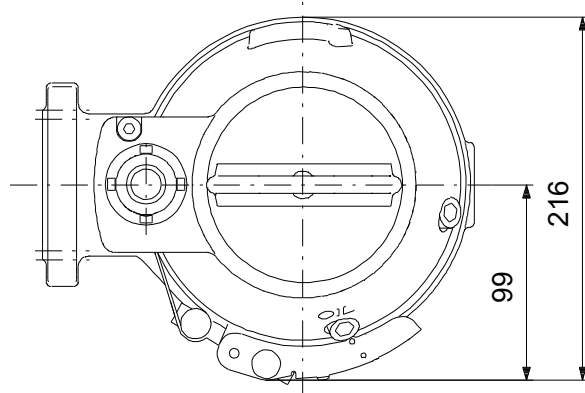
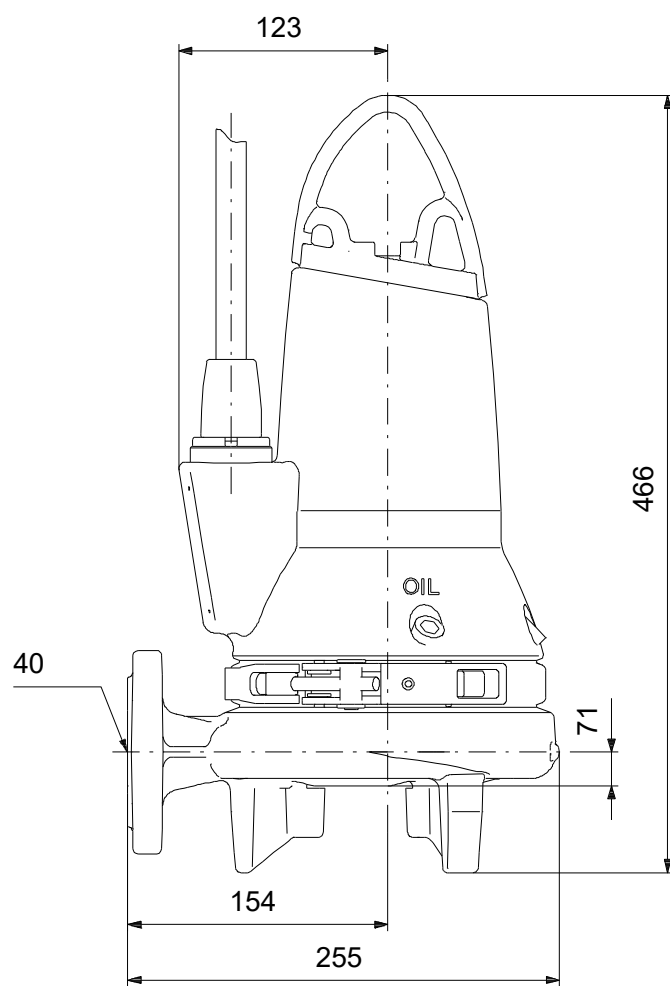
Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

96075909 SEG.40.15.2.50B 50 Hz



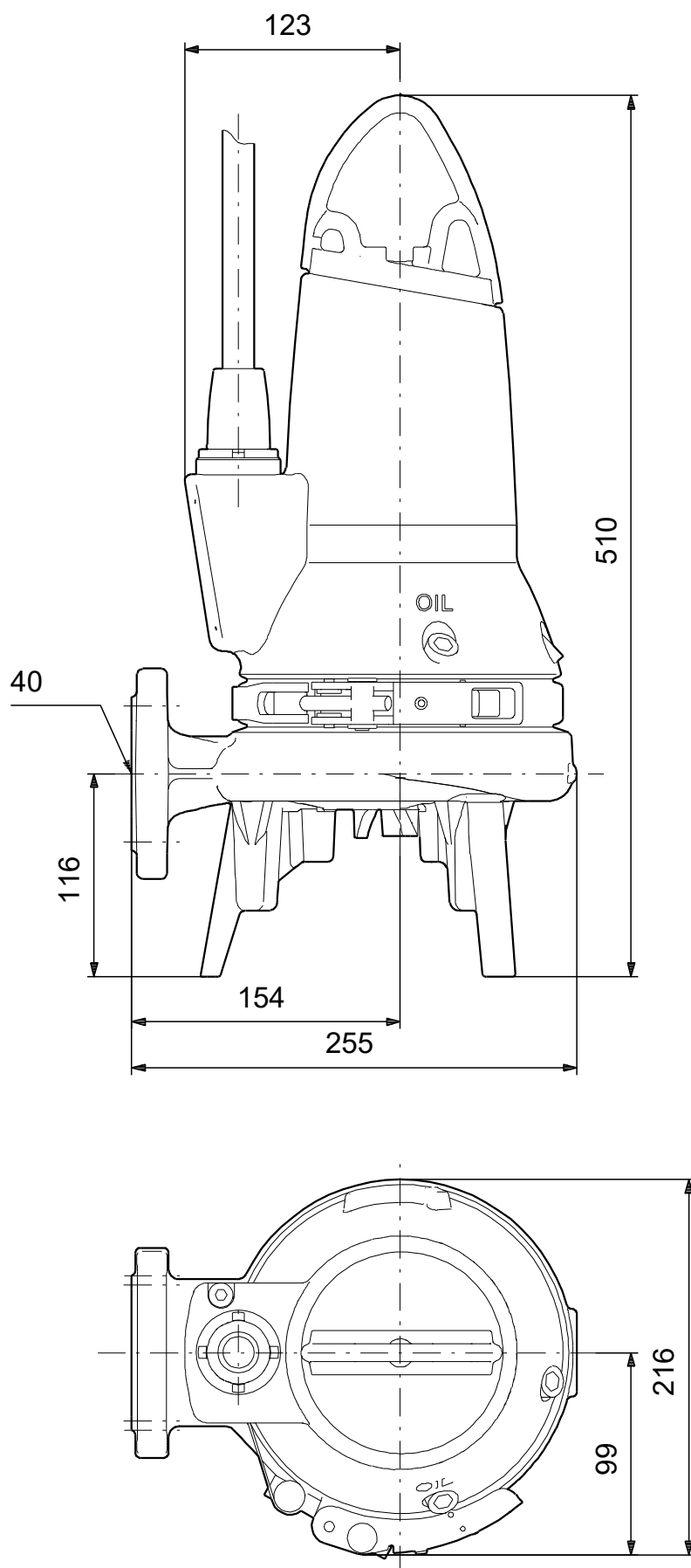
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