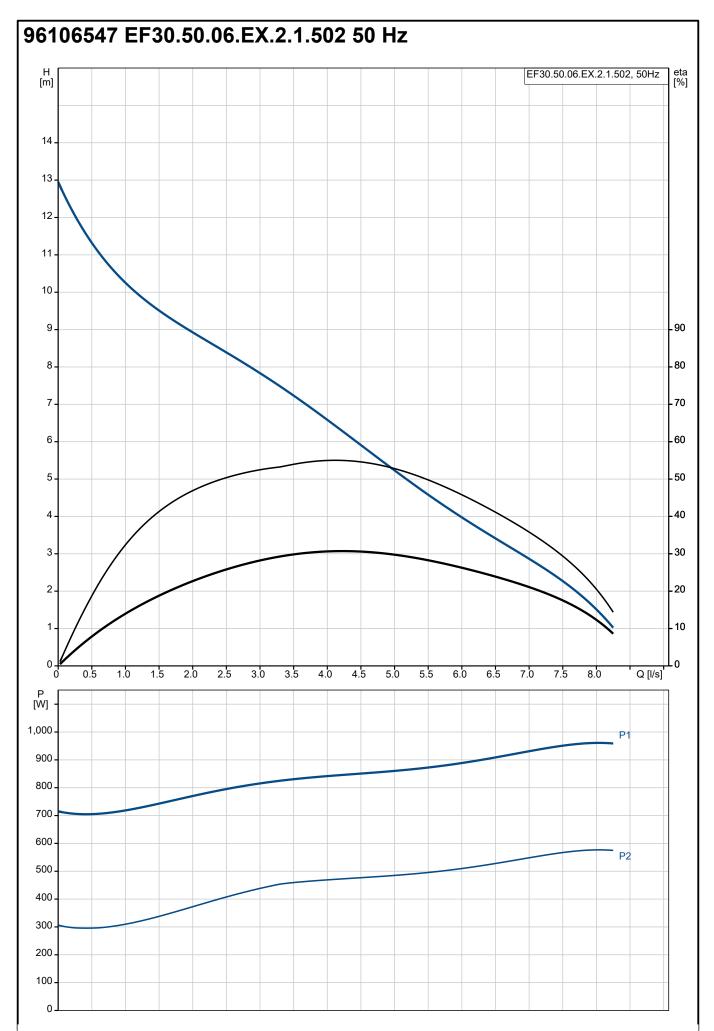
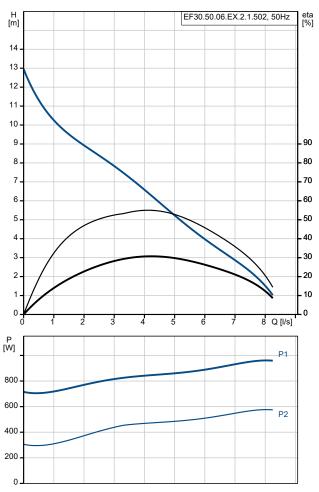
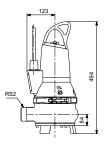
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	Note! Product picture may differ from actual product	
Product No.: 96106547		
GRUNDFOS EF pump is a po	rtable pump for both domestic and industrial applications.	
	semi-open impeller for 30 mm free passage and is suitable for pumping	
 drainage and surface water values 		
• wastewater with fibres, e.g. f		
wastewater without discharg		
	I buildings without discharge from toilets.	
The compact design makes th	e pump suitable for both temporary and permanent installation.	
The pump is a cast iron subm	ersible pump with integrated submersible explosion-proof 1-phase motor. Approvals:	LGA
The pump has an intermediate	e oil chamber pre-filled with non-toxic special oil.	
The pump is fitted with a cable	e plug for easy dismantling. This plug is hermetically sealed with polyurethane to	
prevent water nom penetrating	g through the cable into the motor.	
A clamp between nump housi	ng and motor ensures easy and safe dismantling and assembly. Inspection can be	
A clamp between pump housi done in the field without any s	ng and motor ensures easy and safe dismantling and assembly. Inspection can be pecial tools.	
A clamp between pump housi done in the field without any s	ng and motor ensures easy and safe dismantling and assembly. Inspection can be pecial tools.	
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Qty.	Description	
1	Installation:	
	t max amb:	40 °C
	Maximum operating pressure:	6 bar
	Pump outlet:	R 2
	Maximum installation depth:	10 m
	Auto-coupling:	Y
	Electrical data:	
	Power input - P1:	1 kW
	Rated power - P2:	0.6 kW
	Mains frequency:	50 Hz
	Rated voltage:	1 x 230 V
	Voltage tolerance:	+6/-10 %
	Max starts per. hour:	30
	Rated current:	4.8 A
	Rated current at 3/4 load:	4.1 A
	Rated current at 1/2 load:	3.4 A
	Starting current:	38 A
	Rated current at no load:	2.6 A
	Cos phi - power factor:	0.90
	Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load:	0.86 0.81
	Rated speed:	2920 rpm
	Locked-rotor torque:	6.5 Nm
	Breakdown torque:	7 Nm
	Moment of inertia:	0.0035 kg m ²
	Motor efficiency at full load:	61 %
	Motor efficiency at 3/4 load:	55 %
	Motor efficiency at 1/2 load:	42 %
	Capacitor size - run:	30 µF
	Number of poles:	2
	Start. method:	direct-on-line
	Enclosure class (IEC 34-5):	IP68
	Insulation class (IEC 85):	F
	Explosion proof:	yes
	Ex-protection standard:	EN50014/EN50018, class EEx d IIB T4
	Length of cable:	10 m
	Cable type:	H07RN-F
	Type of cable plug:	No plug
	Others:	
	Net weight:	42 kg
	Danish VVS No.:	391292512
	Country of origin:	HU
	Custom tariff no.:	84137021
<u> </u>	from Crundfos Product Centre [2022 -	46.0071 2/10

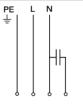


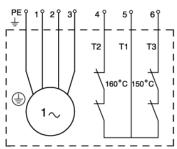
Description	Value
General information:	
Product name:	EF30.50.06.EX.2.1.502
Product No:	96106547
EAN number:	5700396854007
Technical:	
Max flow:	9 l/s
Head max:	13.6 m
Type of impeller:	SEMI OPEN
Maximum particle size:	30 mm
Primary shaft seal:	SIC/SIC
Max. hydraulic efficiency:	63 %
Approvals on nameplate:	LGA, ATEX
Curve tolerance:	ISO9906:2012 3B2
Materials:	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Impeller:	Cast iron
Impeller:	EN-GJS-500-7
Installation:	
t max amb:	40 °C
Maximum operating pressure:	6 bar
Pump outlet:	R 2
Maximum installation depth:	10 m
Inst dry/wet:	S
Installation:	vertical
Auto-coupling:	Y
Liquid:	1
Liquid temperature range:	0 40 °C
Density:	998.2 kg/m ³
Electrical data:	990.2 Kg/III
Power input - P1:	1 kW
Rated power - P2:	
•	
Mains frequency:	50 Hz 1 x 230 V
Rated voltage:	
Voltage tolerance:	+6/-10 %
Max starts per. hour:	30
Rated current:	4.8 A
Rated current at 3/4 load:	4.1 A
Rated current at 1/2 load:	3.4 A
Starting current:	38 A
Rated current at no load:	2.6 A
Cos phi - power factor:	0.90
Cos phi - p.f. at 3/4 load:	0.86
Cos phi - p.f. at 1/2 load:	0.81
Rated speed:	2920 rpm
Locked-rotor torque:	6.5 Nm
Breakdown torque:	7 Nm
Moment of inertia:	0.0035 kg m²
Motor efficiency at full load:	61 %
Motor efficiency at 3/4 load:	55 %
Motor efficiency at 1/2 load:	42 %
Capacitor size - run:	30 µF
Number of poles:	2
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Explosion proof:	yes
Ex-protection standard:	EN50014/EN50018, class EEx d IIB T4
Built-in motor protection:	THERMAL SWITCH
	internal
Thermal protec:	
•	10 m
Thermal protec: Length of cable: Cable type:	





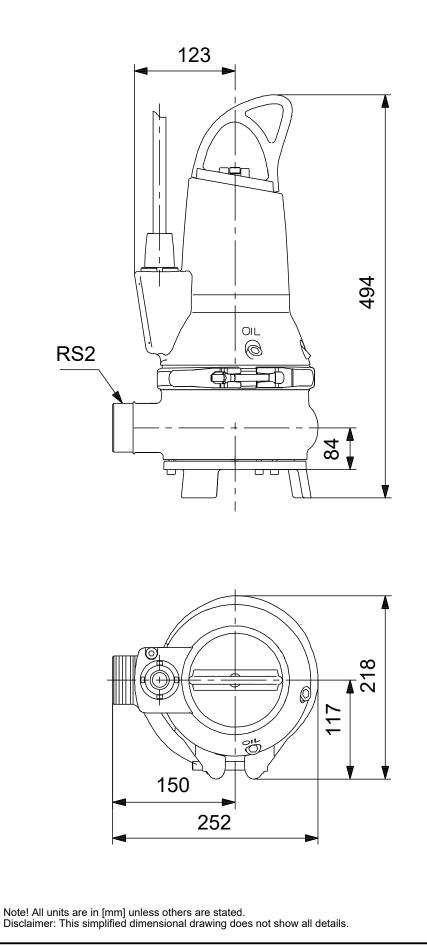


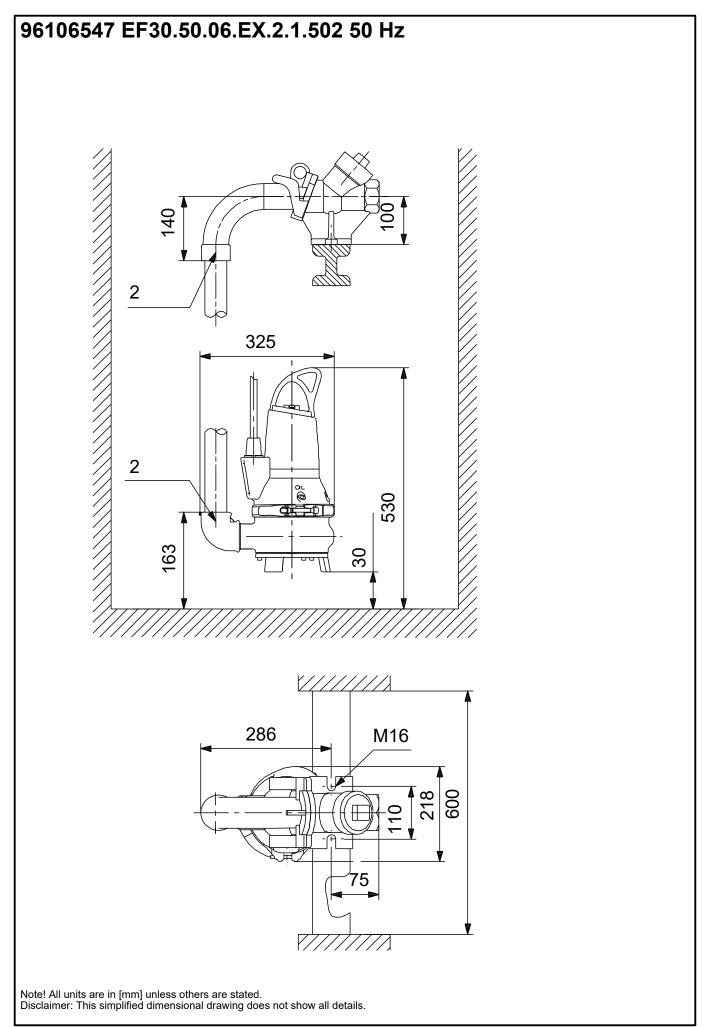




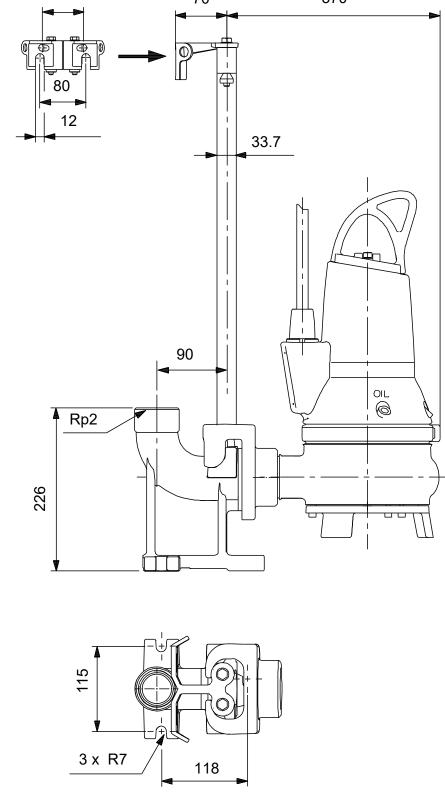
Description	Value
Controls:	
Control box:	not included
Additional I/O:	External
Moisture sensor:	without moisture sensors
Water-in-oil sensor:	without water-in-oil sensor
AUTOADAPT with/without (Yes/No):	NO
Others:	
Net weight:	42 kg
Danish VVS No.:	391292512
Country of origin:	HU
Custom tariff no.:	84137021

96106547 EF30.50.06.EX.2.1.502 50 Hz



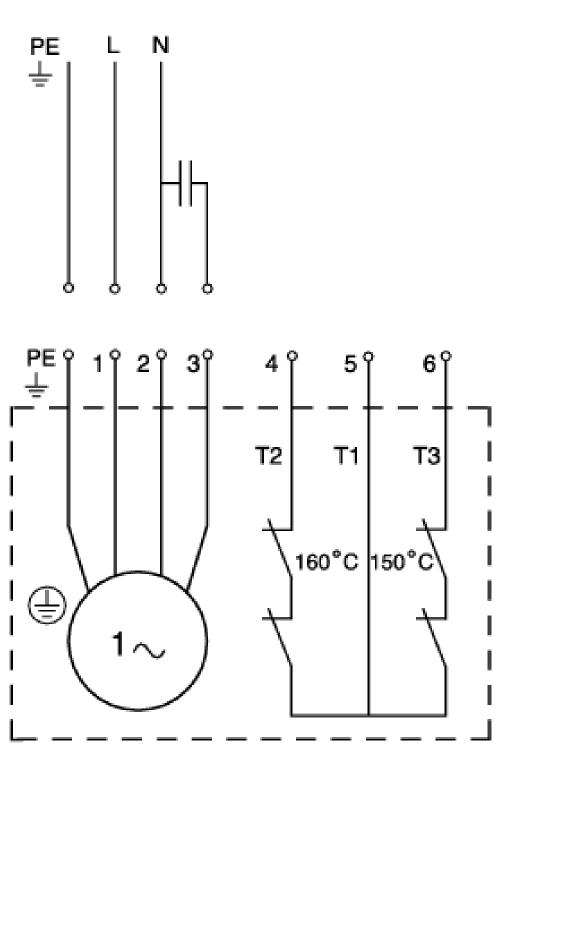


96106547 EF30.50.06.EX.2.1.502 50 Hz



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

96106547 EF30.50.06.EX.2.1.502 50 Hz



Note! All units are in [mm] unless others are stated.

Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		EF30.50.06.EX.2.1.502	1	96106547	Price or		
					reques		