Position	Qty.	Description	Single Price
	1	**SEG.40.09.2.50B**	Price on request

Note! Product picture may differ from actual product

Product No.: 96075897

Grundfos SEG pumps are submersible pumps with horizontal discharge port, specifically designed for pressurized pumping of wastewater with discharge from toilets.
The SEG pumps are equipped with a grinder system, grinding destructible solids into small pieces so that they can be led away through pipes of a relatively small diameter.

The surface of the pump is smooth to prevent dirt and impurities from sticking to the pump.
The pump is primarily made of cast iron. The clamp securing the motor to the pump housing is made of stainless steel to prevent corrosion and allow for ease of service of the pump.
The power cable of the pump also incorporates wires for the thermal sensors in the motor winding.
The cable connection is a plug solution. The totally sealed plug connection prevents moisture from entering the pump through the cable in case of cable breakage or adverse and/or careless handling of the pump cable.

The pump must be connected to a control box or a controller.

The pump has been tested by VDE.

Controls:

Moisture sensor:	without moisture sensors

Liquid:

Pumped liquid:	Any Newtonian liquid
Liquid temperature range:	0 .. 40 °C
Density:	998.2 kg/m³

Technical:

Resulting head of the pump:	8.04 m
Type of impeller:	GRINDER SYSTEM
Primary shaft seal:	SIC/SIC
Approvals on nameplate:	PA-I

Materials:

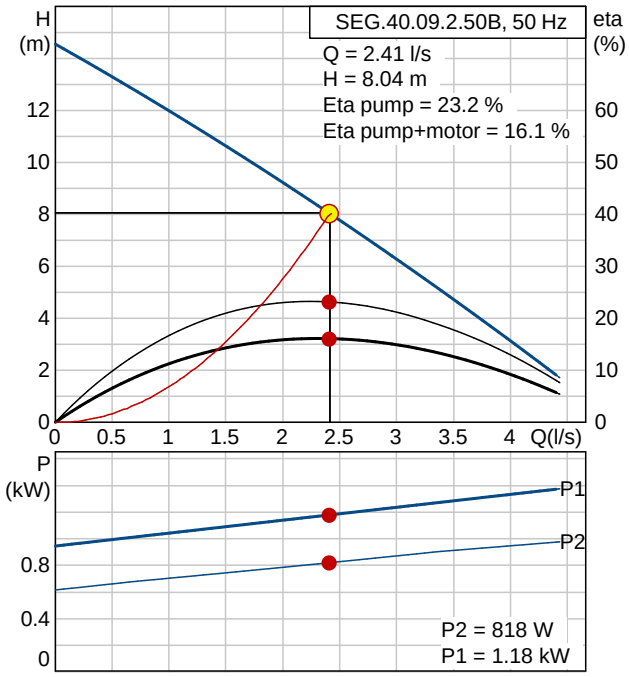
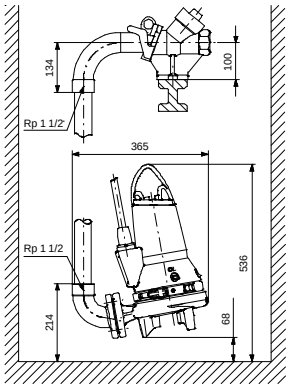
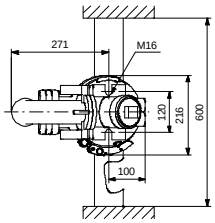
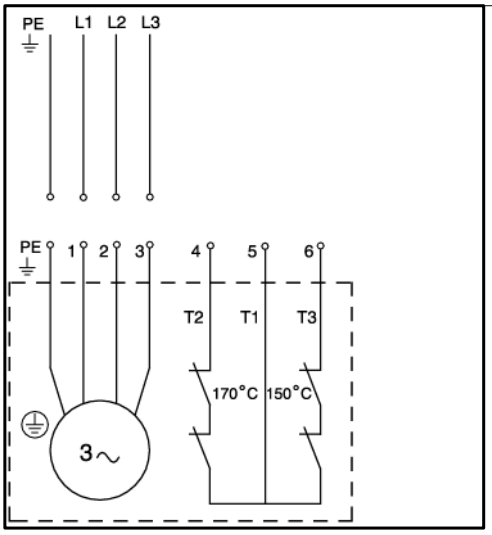
Pump housing:	Cast iron EN-JL1030
Impeller:	Cast iron EN-JL1030
Gasket:	SIC/SIC

Installation:

Maximum ambient temperature:	40 °C
Maximum operating pressure:	6 bar
Flange standard:	DIN
Pump outlet:	DN 40
Pressure stage:	PN 10
Maximum installation depth:	10 m

Electrical data:

Number of poles:	2
Power input - P1:	1.4 kW

Position	Qty.	Description		Single Price
		Rated power - P2:	0.9 kW	
		Mains frequency:	50 Hz	
		Rated voltage:	3 x 400-415 V	
		Voltage tolerance:	+6/-10 %	
		Start. method:	direct-on-line	
		Max starts per. hour:	30	
		Rated current:	2.7 A	
		Starting current:	21 A	
		Rated current at no load:	2.1 A	
		Cos phi - power factor:	0,72	
		Cos phi - p.f. at 3/4 load:	0,62	
		Cos phi - p.f. at 1/2 load:	0,5	
		Rated speed:	2860 rpm	
		Moment of inertia:	0.0036 kg m²	
		Motor efficiency at full load:	71 %	
		Motor efficiency at 3/4 load:	67 %	
		Motor efficiency at 1/2 load:	60 %	
		Enclosure class (IEC 34-5):	68	
		Insulation class (IEC 85):	F	
		Length of cable:	10 m	
		Cable type:	H07RN-F	
		Type of cable plug:	NO PLUG	
		Others:		
		Net weight:	38 kg	

Description	Value
	SEG.40.09.2.50B
Product No:	96075897
	5700394850698
Technical:	
Max flow:	4.4 l/s
Resulting head of the pump:	8.04 m
Head max:	14.4 m
Type of impeller:	GRINDER SYSTEM
Primary shaft seal:	SIC/SIC
Approvals on nameplate:	PA-I
Materials:	
Pump housing:	Cast iron
	EN-JL1030
Impeller:	Cast iron
	EN-JL1030
Gasket:	SIC/SIC
Installation:	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	6 bar
Flange standard:	DIN
Pump outlet:	DN 40
Pressure stage:	PN 10
Maximum installation depth:	10 m
Inst dry/wet:	S
Installation:	vertical
Liquid:	
Pumped liquid:	Any Newtonian liquid
Liquid temperature range:	0 .. 40 °C
Density:	998.2 kg/m³
Electrical data:	
Number of poles:	2
Power input - P1:	1.4 kW
Rated power - P2:	0.9 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 400-415 V
Voltage tolerance:	+6/-10 %
Start. method:	direct-on-line
Max starts per. hour:	30
Rated current:	2.7 A
Starting current:	21 A
Rated current at no load:	2.1 A
Cos phi - power factor:	0,72
Cos phi - p.f. at 3/4 load:	0,62
Cos phi - p.f. at 1/2 load:	0,5
Rated speed:	2860 rpm
Moment of inertia:	0.0036 kg m²
Motor efficiency at full load:	71 %
Motor efficiency at 3/4 load:	67 %
Motor efficiency at 1/2 load:	60 %
Enclosure class (IEC 34-5):	68
Insulation class (IEC 85):	F
Motor protec:	THERMAL SWITCH
Thermal protec:	external
Length of cable:	10 m
Cable type:	H07RN-F
Type of cable plug:	NO PLUG
Controls:	
Control box:	not included
Additional I/O:	External
Moisture sensor:	without moisture sensors
Others:	
Net weight:	38 kg