

DWK.E.10.200.900.5.1D

Grundfos Pump 96922678



Thank you for your interest in our products

Please contact us for more information, or visit our website

<https://www.lenntech.com/grundfos/DWK000/96922678/DWK-E-10-200-900-5-1D.html>

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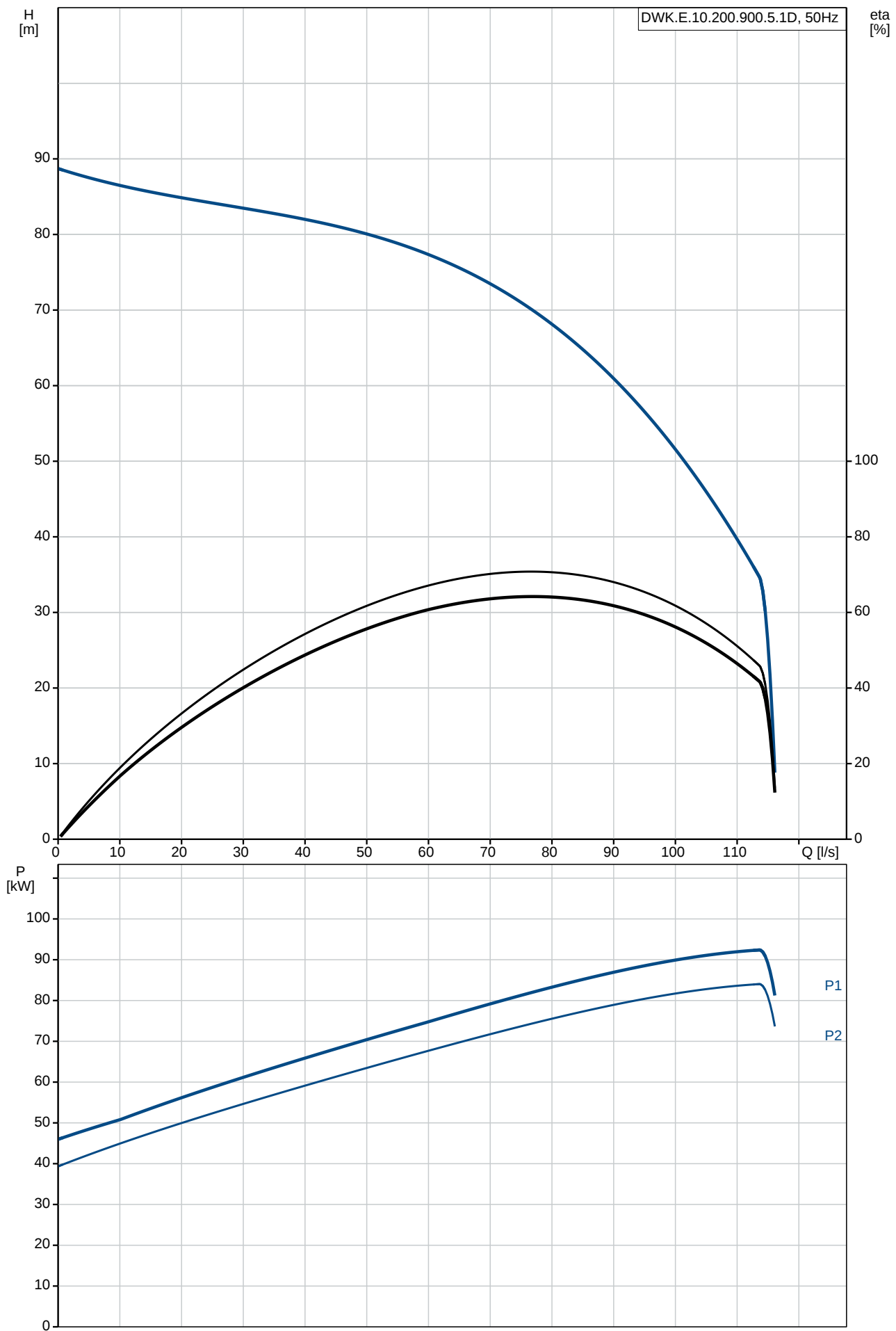
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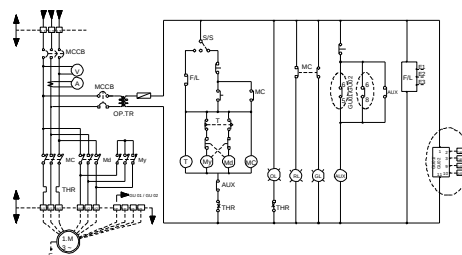
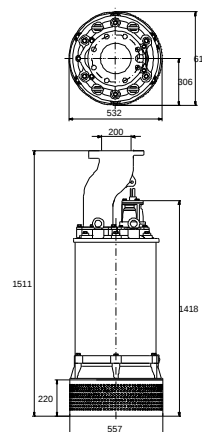
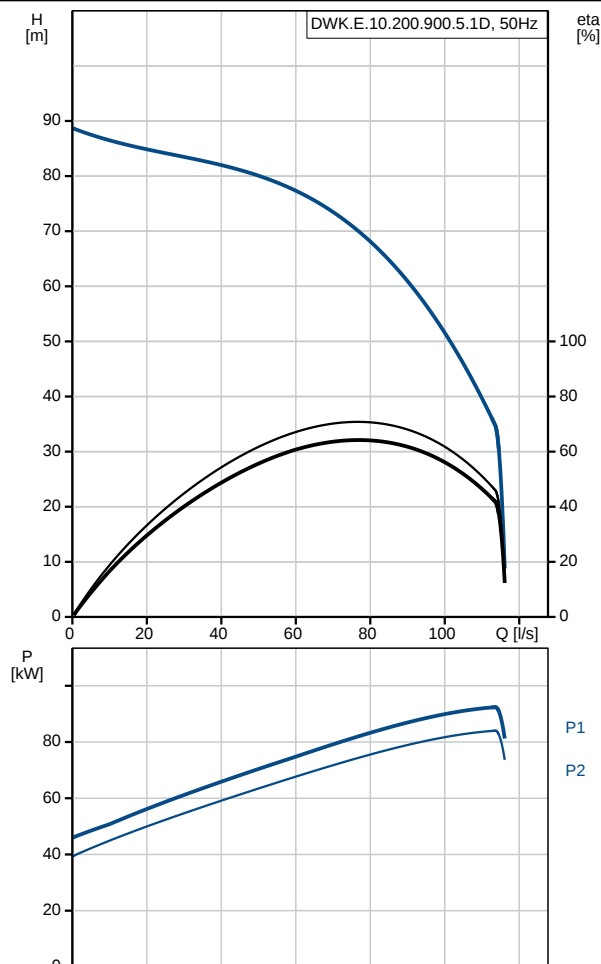
Position	Qty.	Description																				
	1	 Note! Product picture may differ from actual product Product No.: 96922678 Submersible Contractor Pump Grundfos DWK pump is a submersible pump for dewatering and drainage applications. The pump is suitable for pumping ·large quantities of underground and surface water ·drainage water at high head ·water with dirt from drainage pits The pump design makes it suitable for both temporary and permanent installation. The pump is cast iron, with vertical discharge port and integrated submersible 3-phase enclosed motor in insulation class F (155°C). The pump has a riser pipe, a cooling jacket for continuous cooling of the motor by the pumped liquid and an enclosed impeller to ensure high efficiency. The pump is equipped with a double mechanical seal and an additional lip seal that protects the shaft and the mechanical seal against abrasives. The pump is fitted with suction strainer and 10 m cable. The pump is equipped with a temperature Bi-metal sensor for motor protection in case of overheating and electrode seal sensor to detect water penetration in to the motor housing. The cable sealing consists of a rubber bushing, epoxy and rubber cover that eliminates the risk of water penetration into the motor. Controls: <table><tr><td>Seal sensor:</td><td>Y</td></tr></table> Liquid: <table><tr><td>Liquid temperature range:</td><td>0 .. 40 °C</td></tr><tr><td>Density:</td><td>998.2 kg/m³</td></tr></table> Technical: <table><tr><td>Actual impeller diameter:</td><td>275 mm</td></tr><tr><td>Type of impeller:</td><td>E</td></tr><tr><td>Maximum particle size:</td><td>10 mm</td></tr><tr><td>Primary shaft seal:</td><td>SIC-SIC</td></tr><tr><td>Secondary shaft seal:</td><td>CERAMIC-CARBON</td></tr><tr><td>Max. hydraulic efficiency:</td><td>70 %</td></tr><tr><td>Curve tolerance:</td><td>ISO9906:2012 3B</td></tr></table>	Seal sensor:	Y	Liquid temperature range:	0 .. 40 °C	Density:	998.2 kg/m³	Actual impeller diameter:	275 mm	Type of impeller:	E	Maximum particle size:	10 mm	Primary shaft seal:	SIC-SIC	Secondary shaft seal:	CERAMIC-CARBON	Max. hydraulic efficiency:	70 %	Curve tolerance:	ISO9906:2012 3B
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Position	Qty.	Description
		Materials: Pump housing: Cast iron EN1561 EN-GJL-200 Impeller: Ductile cast iron EN1563 EN-GJS-450-10 Motor: Cast iron EN1561 EN-GJL-200 Installation: Maximum ambient temperature: 40 °C Pump outlet: DN 200 Maximum installation depth: 25 m Electrical data: Rated power - P2: 90 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +5/-5 % Max starts per. hour: 18 Rated current: 172 A Rated current at 3/4 load: 135 A Rated current at 1/2 load: 101 A Cos phi - power factor: 0,87 Cos phi - p.f. at 3/4 load: 0,838 Cos phi - p.f. at 1/2 load: 0,76 Rated speed: 2850 rpm Motor efficiency at full load: 91.1 % Motor efficiency at 3/4 load: 90.5 % Motor efficiency at 1/2 load: 88.5 % 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: TP90/TP90 Others: Net weight: 1030 kg

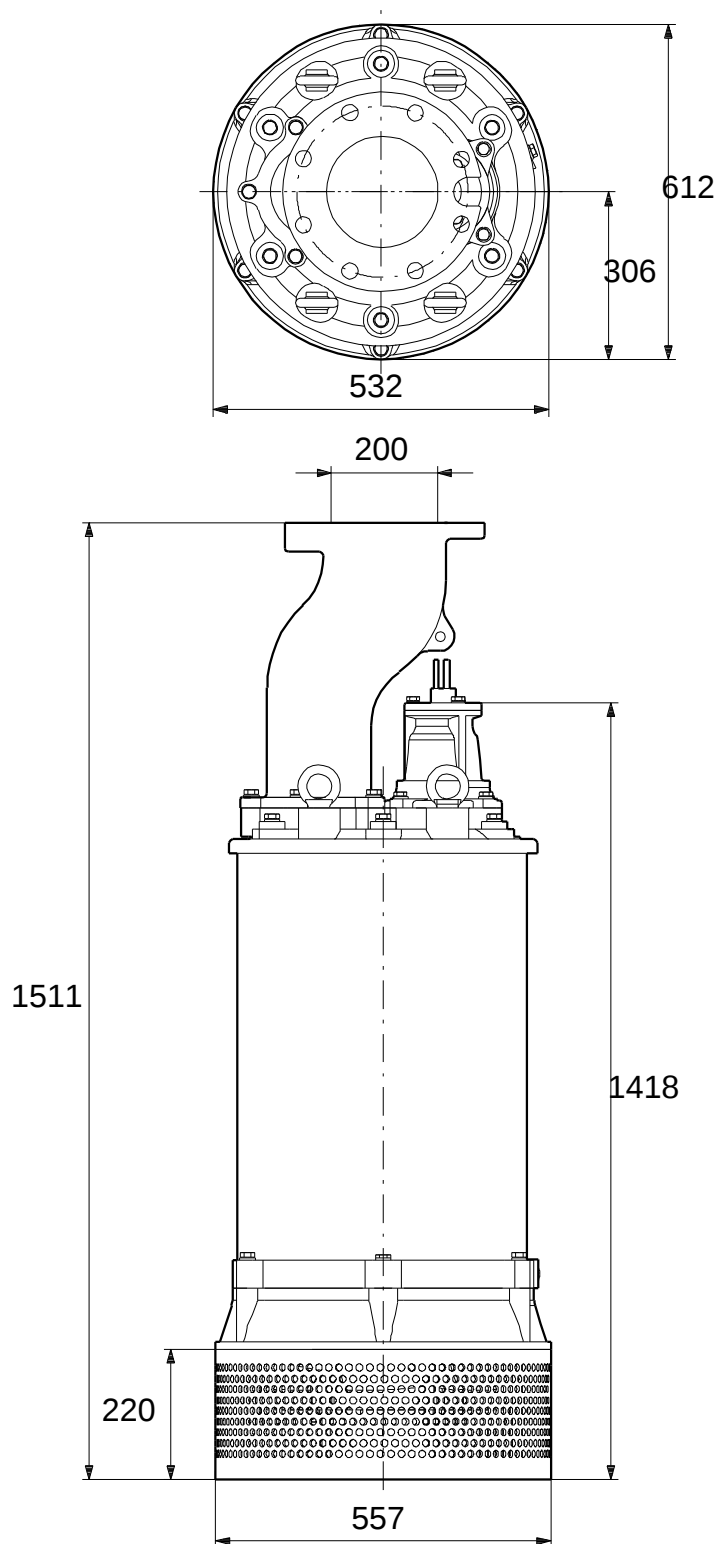
96922678 DWK.E.10.200.900.5.1D 50 Hz



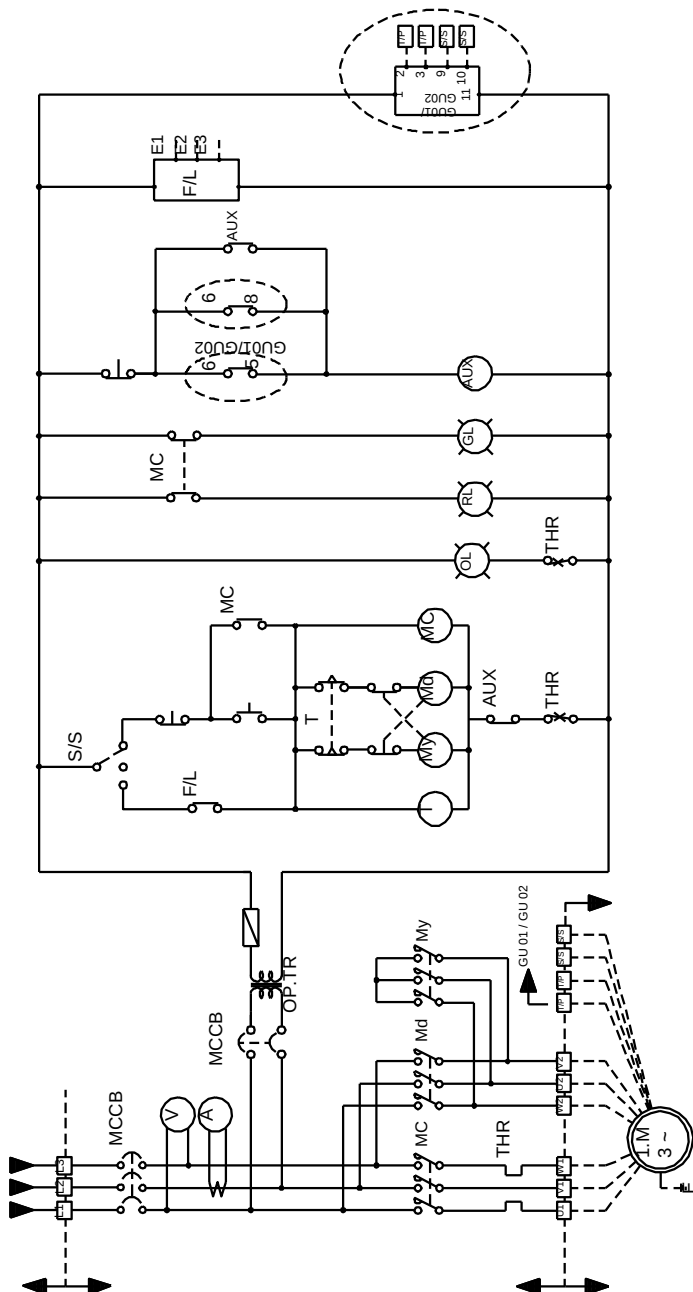
Description	Value
General information:	
Product name:	DWK.E.10.200.900.5.1D
Product No:	96922678
EAN number:	5700313724659
Technical:	
Max flow:	115 l/s
Head min:	9 m
Head max:	88 m
Actual impeller diameter:	275 mm
Type of impeller:	E
Maximum particle size:	10 mm
Primary shaft seal:	SIC-SIC
Secondary shaft seal:	CERAMIC-CARBON
Max. hydraulic efficiency:	70 %
Curve tolerance:	ISO9906:2012 3B
Materials:	
Pump housing:	Cast iron EN1561 EN-GJL-200
Impeller:	Ductile cast iron EN1563 EN-GJS-450-10
Motor:	Cast iron EN1561 EN-GJL-200
Installation:	
Maximum ambient temperature:	40 °C
Pump outlet:	DN 200
Maximum installation depth:	25 m
Liquid:	
Liquid temperature range:	0 .. 40 °C
Density:	998.2 kg/m ³
Min. pH-value:	4
Electrical data:	
Rated power - P2:	90 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Voltage tolerance:	+5/-5 %
Max starts per. hour:	18
Rated current:	172 A
Rated current at 3/4 load:	135 A
Rated current at 1/2 load:	101 A
Cos phi - power factor:	0,87
Cos phi - p.f. at 3/4 load:	0,838
Cos phi - p.f. at 1/2 load:	0,76
Rated speed:	2850 rpm
Motor efficiency at full load:	91.1 %
Motor efficiency at 3/4 load:	90.5 %
Motor efficiency at 1/2 load:	88.5 %
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:	TP90/TP90
Cable size:	4X50.0MM2+6X1MM2 * 2EA
Controls:	
Seal sensor:	Y
Sensor type:	BI-METAL
Others:	
Net weight:	1030 kg



96922678 DWK.E.10.200.900.5.1D 50 Hz



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



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

*Disclaimer: The information about the Grundfos pump in this document may be outdated.
Data may be subject to alterations without further notice.
Please contact us to verify the data above is still accurate/up-to-date.*

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