

DWK.O.6.50.22.5.0D.R

Grundfos Pump 96922725



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<https://www.lennotech.com/grundfos/DWK000/96922725/DWK-O-6-50-22-5-0D-R.html>

info@lennotech.com

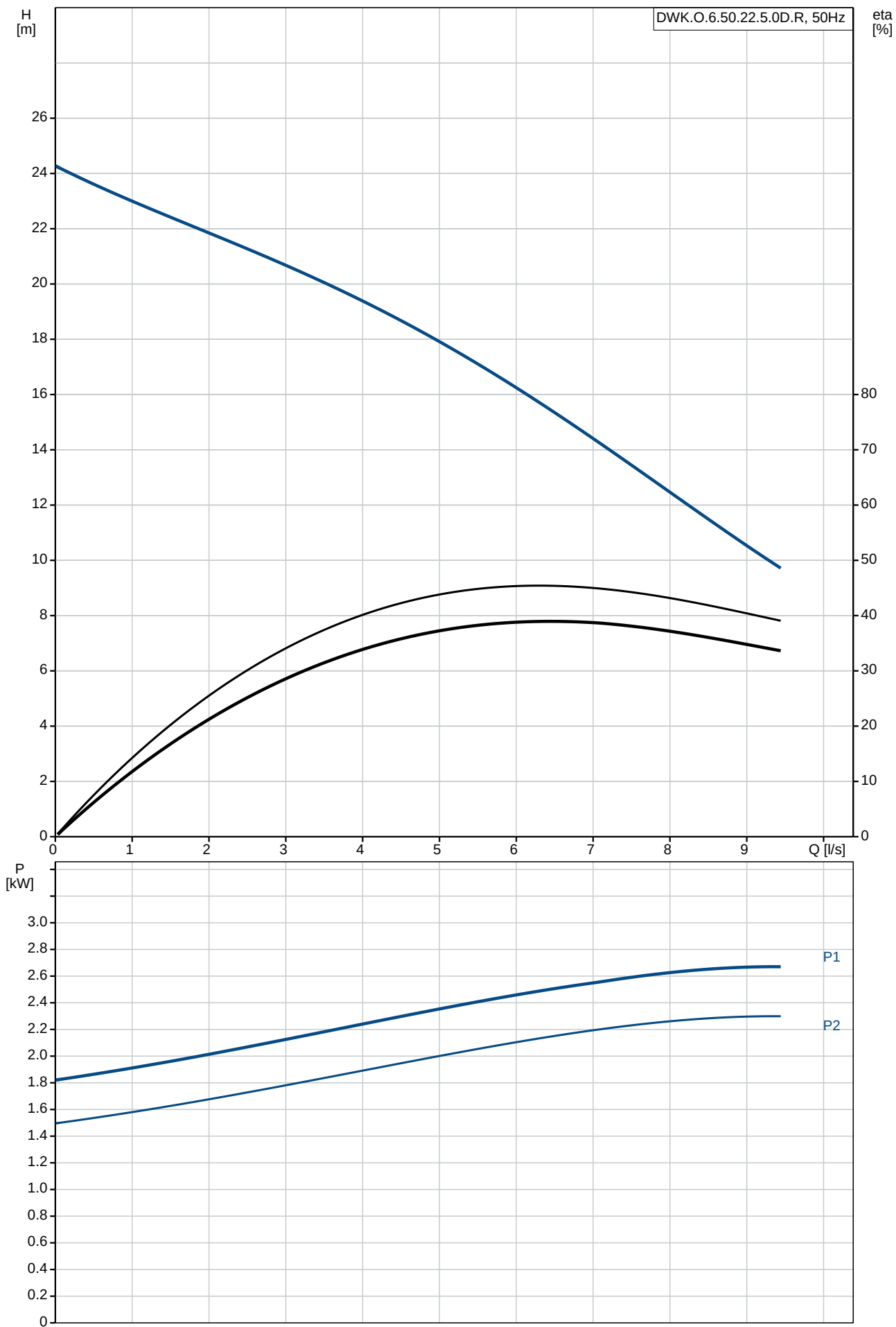
tel. +31-15-261.09.00

fax. +31-15-261.62.89

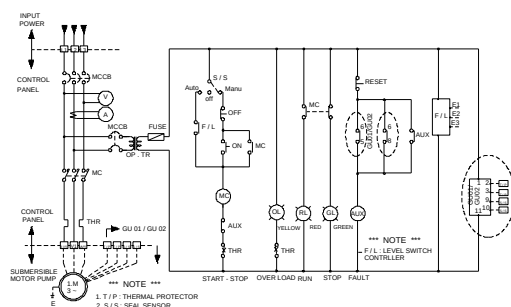
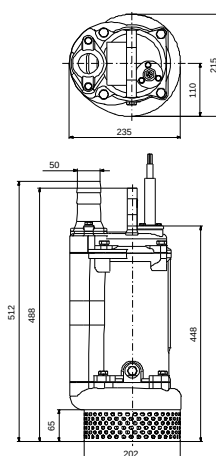
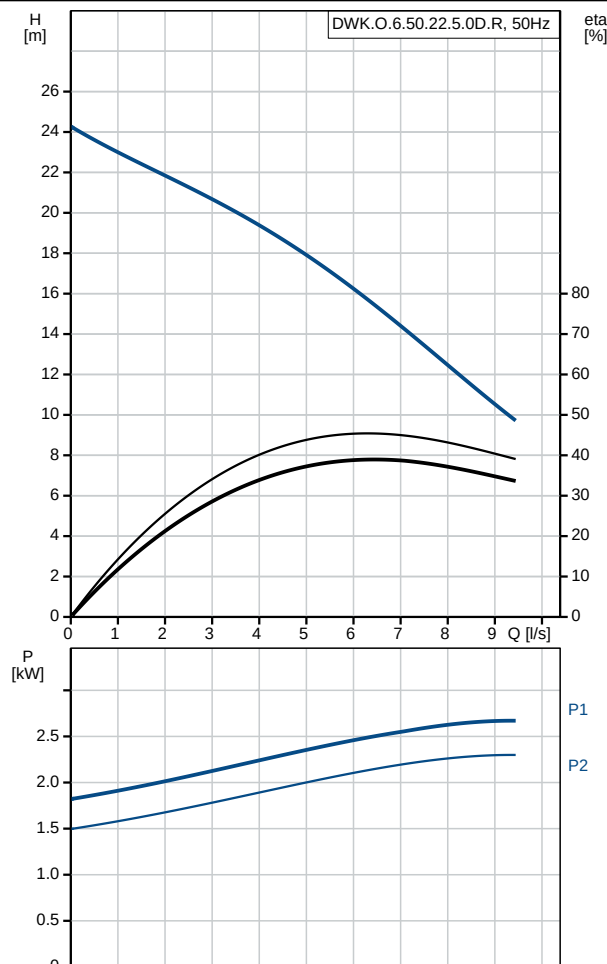
Position	Qty.	Description																																
	1	 Product No.: 96922725 Submersible Contractor Pump Grundfos DWK pump is a submersible pump for dewatering and drainage applications. The pump is suitable for pumping ·water with dirt from underground drainage pits ·water with sand from construction sites, excavation sites, tunnels etc. The compact design makes the pump suitable for both temporary and permanent installation. The pump is cast iron, with vertical discharge port and integrated submersible 3-phase totally enclosed motor in insulation class F (155°C). The pump has a rise pipe, a double mechanical seal and a high chrome stainless steel semi-open impeller type for maintained performance. The pump is equipped with an integrated Ti-circle for motor protection in case of overheating. The pump can operate independently without monitoring equipment. The pump is fitted with suction strainer, lifting handle and 10 m cable. The pump is equipped with a hose coupling discharge. Controls: <table><tr><td>Seal sensor:</td><td>N</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>140 mm</td></tr><tr><td>Type of impeller:</td><td>O</td></tr><tr><td>Maximum particle size:</td><td>6 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>42 %</td></tr><tr><td>Curve tolerance:</td><td>ISO9906:2012 3B</td></tr></table> Materials: <table><tr><td>Pump housing:</td><td>Cast iron EN1561 EN-GJL-200</td></tr><tr><td>Impeller:</td><td>high-chrome stainless steel DIN W.-Nr. HI-CR</td></tr><tr><td>Motor:</td><td>Cast iron EN1561 EN-GJL-200</td></tr></table> Installation: <table><tr><td>Maximum ambient temperature:</td><td>40 °C</td></tr><tr><td>Pump outlet:</td><td>DN 50</td></tr><tr><td>Maximum installation depth:</td><td>25 m</td></tr></table>	Seal sensor:	N	Liquid temperature range:	0 .. 40 °C	Density:	998.2 kg/m³	Actual impeller diameter:	140 mm	Type of impeller:	O	Maximum particle size:	6 mm	Primary shaft seal:	SIC-SIC	Secondary shaft seal:	CERAMIC-CARBON	Max. hydraulic efficiency:	42 %	Curve tolerance:	ISO9906:2012 3B	Pump housing:	Cast iron EN1561 EN-GJL-200	Impeller:	high-chrome stainless steel DIN W.-Nr. HI-CR	Motor:	Cast iron EN1561 EN-GJL-200	Maximum ambient temperature:	40 °C	Pump outlet:	DN 50	Maximum installation depth:	25 m
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Position	Qty.	Description
		Electrical data: Rated power - P2: 2.2 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +5/-5 % Max starts per. hour: 30 Rated current: 4.4 A Rated current at 3/4 load: 3.7 A Rated current at 1/2 load: 3 A Cos phi - power factor: 0.89 Cos phi - p.f. at 3/4 load: 0.82 Cos phi - p.f. at 1/2 load: 0.71 Rated speed: 2850 rpm Motor efficiency at full load: 86.1 % Motor efficiency at 3/4 load: 83.1 % Motor efficiency at 1/2 load: 79.8 % Number of poles: 2 Start. method: direct-on-line 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: 45 kg

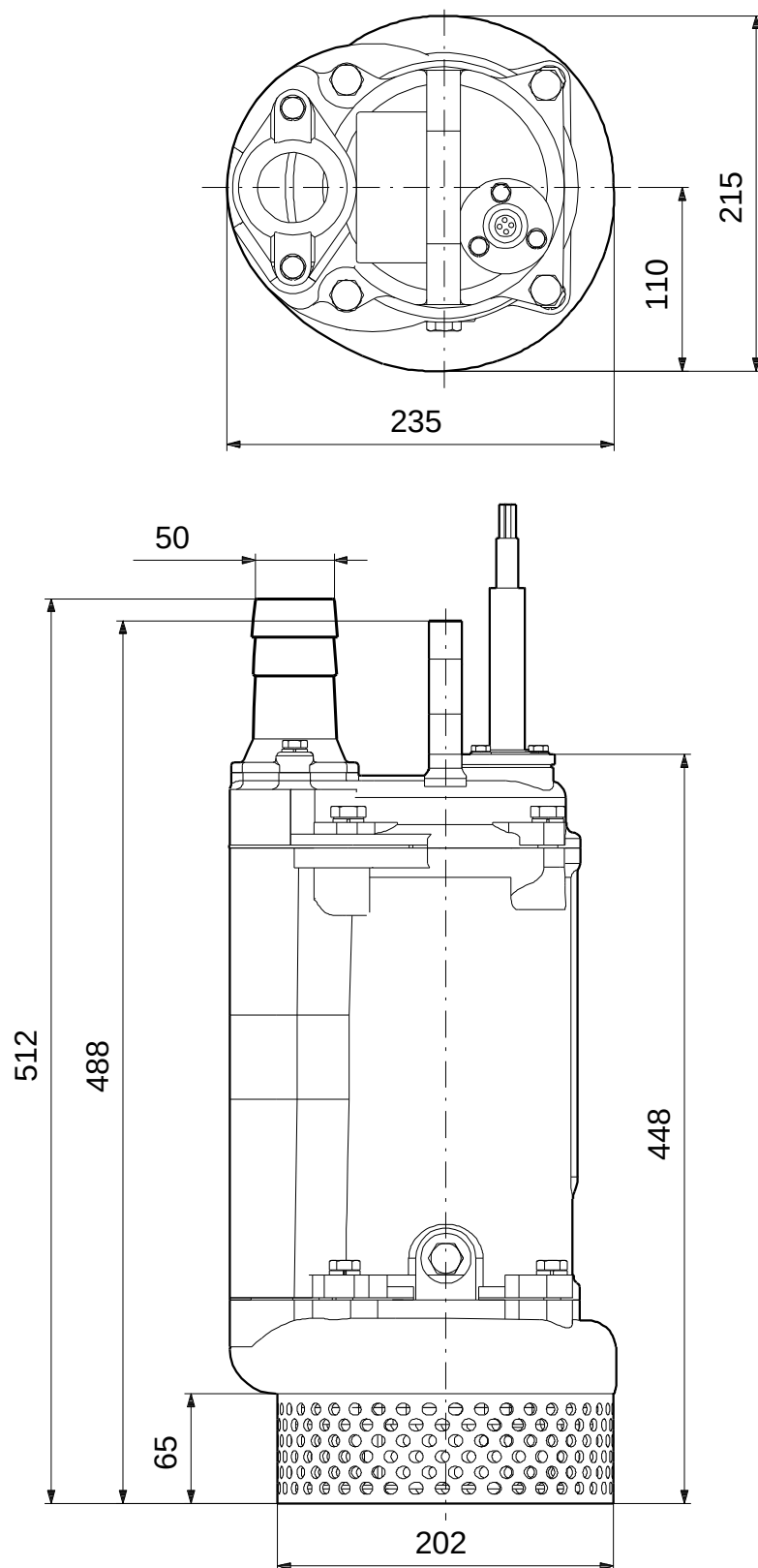
96922725 DWK.O.6.50.22.5.0D.R 50 Hz



Description	Value
General information:	
Product name:	DWK.O.6.50.22.5.0D.R
Product No:	96922725
EAN number:	5700313725137
Technical:	
Max flow:	8.61 l/s
Head min:	9.3 m
Head max:	21.9 m
Actual impeller diameter:	140 mm
Type of impeller:	O
Maximum particle size:	6 mm
Primary shaft seal:	SIC-SIC
Secondary shaft seal:	CERAMIC-CARBON
Max. hydraulic efficiency:	42 %
Curve tolerance:	ISO9906:2012 3B
Materials:	
Pump housing:	Cast iron EN1561 EN-GJL-200
Impeller:	high-chrome stainless steel DIN W.-Nr. HI-CR
Motor:	Cast iron EN1561 EN-GJL-200
Installation:	
Maximum ambient temperature:	40 °C
Pump outlet:	DN 50
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:	2.2 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Voltage tolerance:	+5/-5 %
Max starts per. hour:	30
Rated current:	4.4 A
Rated current at 3/4 load:	3.7 A
Rated current at 1/2 load:	3 A
Cos phi - power factor:	0.89
Cos phi - p.f. at 3/4 load:	0.82
Cos phi - p.f. at 1/2 load:	0.71
Rated speed:	2850 rpm
Motor efficiency at full load:	86.1 %
Motor efficiency at 3/4 load:	83.1 %
Motor efficiency at 1/2 load:	79.8 %
Number of poles:	2
Start. method:	direct-on-line
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:	4X1.5MM2
Controls:	
Seal sensor:	N
Sensor type:	N
Others:	
Net weight:	45 kg

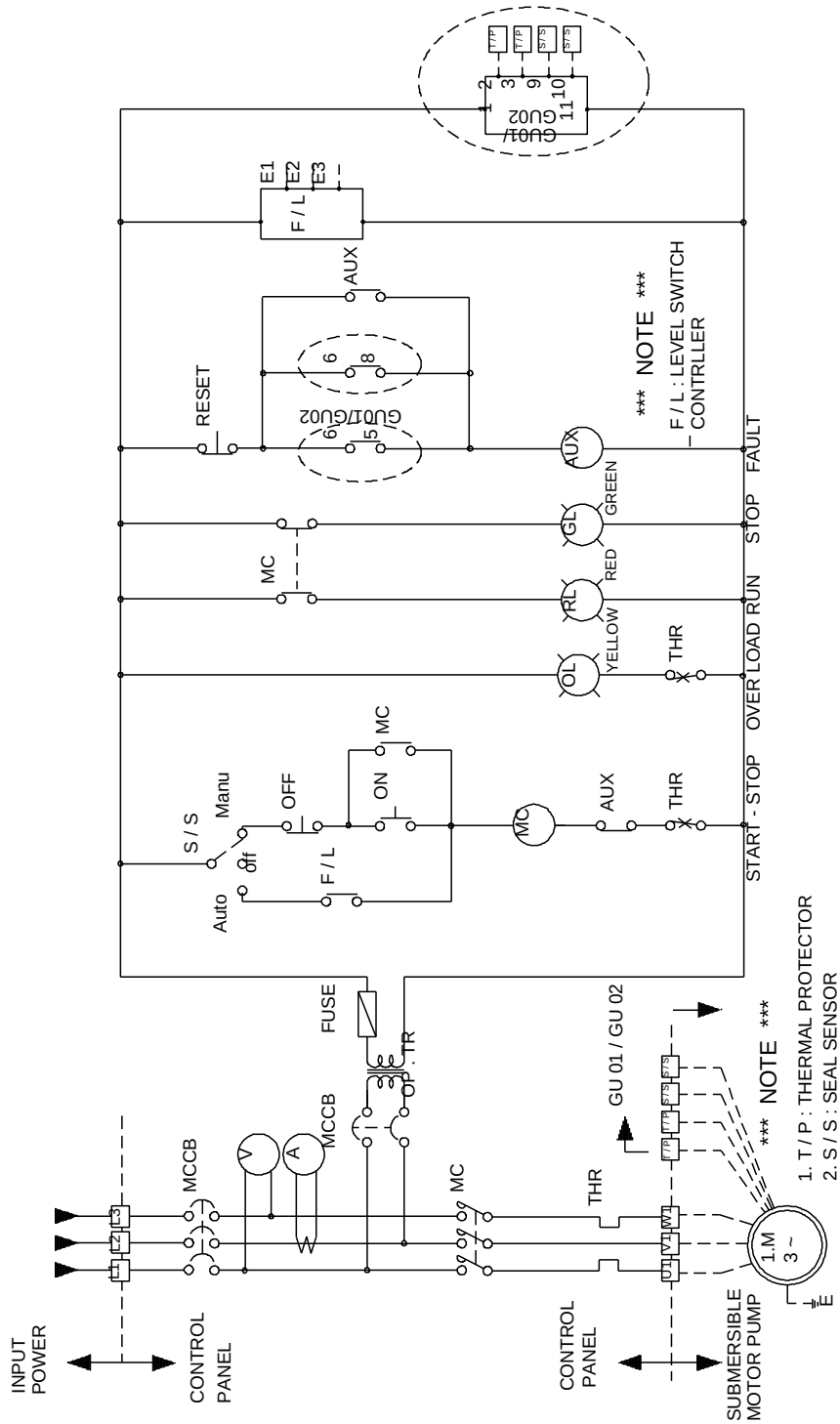


96922725 DWK.O.6.50.22.5.0D.R 50 Hz



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

96922725 DWK.O.6.50.22.5.0D.R 50 Hz



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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info@lenntech.com

www.lenntech.com

tel. +31-15-261.09.00

fax. +31-15-261.62.89