

DWK.O.13.150.110.5.0D.R

Grundfos Pump 96922743



Thank you for your interest in our products

Please contact us for more information, or visit our website

<https://www.lenntech.com/grundfos/DWK000/96922743/DWK-O-13-150-110-5-0D-R.html>

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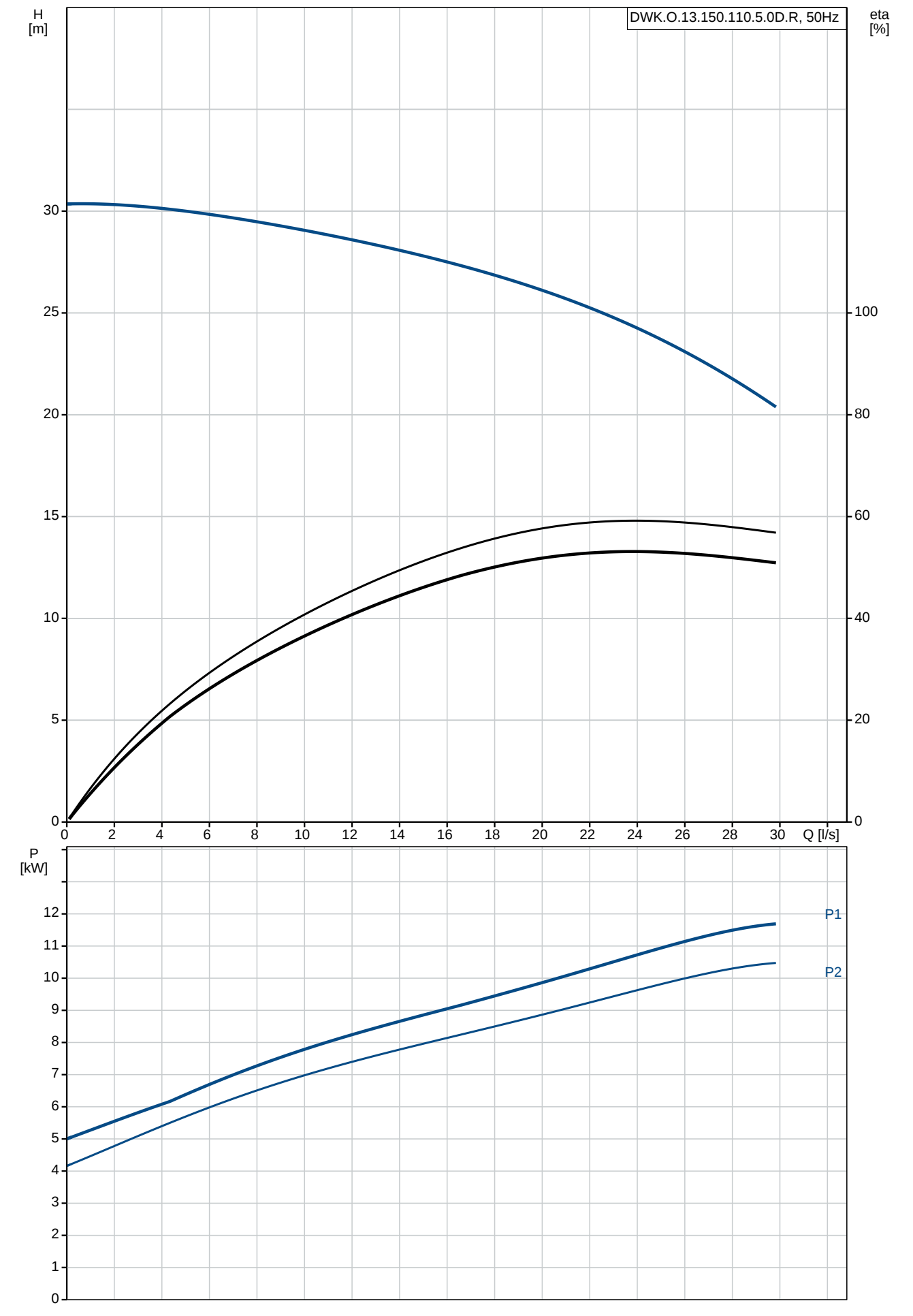
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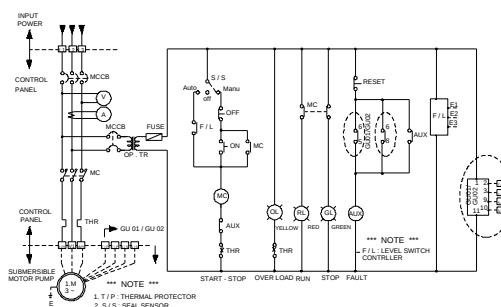
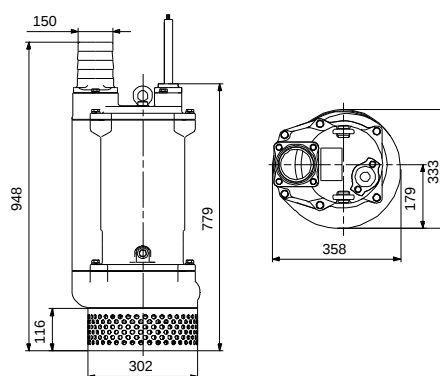
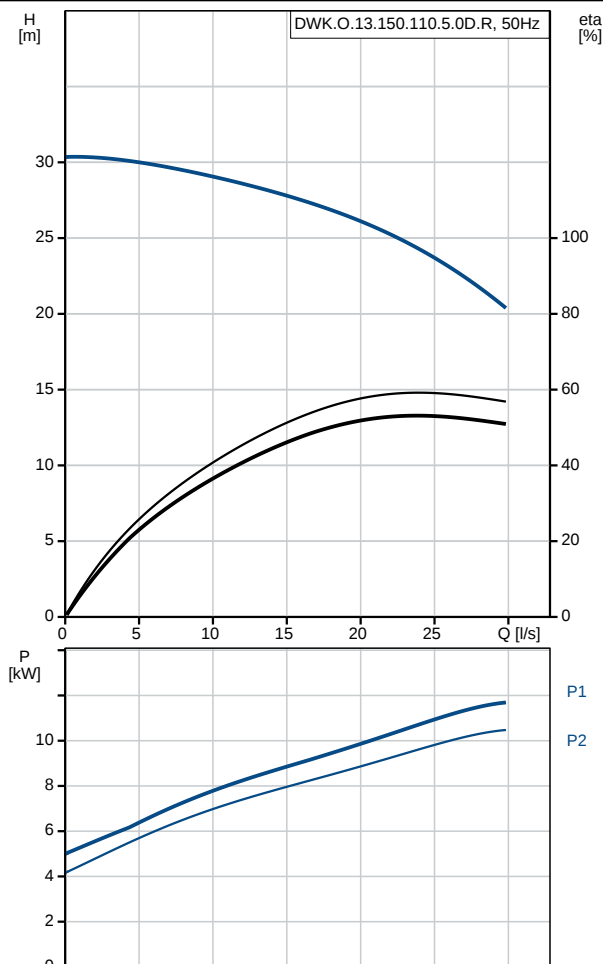
Position	Qty.	Description
	1	DWK.O.13.150.110.5.0D.R  Product No.: 96922743 Submersible Contractor Pump Grundfos DWK pump is a submersible pump for dewatering and drainage applications. The pump is suitable for pumping ·water with dirt from underground drainage pits ·water with sand from construction 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 a temperature Bi-metal sensor for motor protection in case of overheating. The pump is fitted with suction strainer, lifting handle and 10 m cable. The pump is equipped with a hose coupling discharge. Controls: Seal sensor: N Liquid: Liquid temperature range: 0 .. 40 °C Density: 998.2 kg/m³ Technical: Actual impeller diameter: 166 mm Type of impeller: O Maximum particle size: 13 mm Primary shaft seal: SIC-SIC Secondary shaft seal: CERAMIC-CARBON Max. hydraulic efficiency: 60 % 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 150 Maximum installation depth: 25 m

Position	Qty.	Description
		Electrical data: Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +5/-5 % Max starts per. hour: 30 Rated current: 20.4 A Rated current at 3/4 load: 15.4 A Rated current at 1/2 load: 10.8 A Cos phi - power factor: 0.92 Cos phi - p.f. at 3/4 load: 0.91 Cos phi - p.f. at 1/2 load: 0.87 Rated speed: 2850 rpm Motor efficiency at full load: 89.5 % Motor efficiency at 3/4 load: 90 % Motor efficiency at 1/2 load: 89.2 % 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: 190 kg

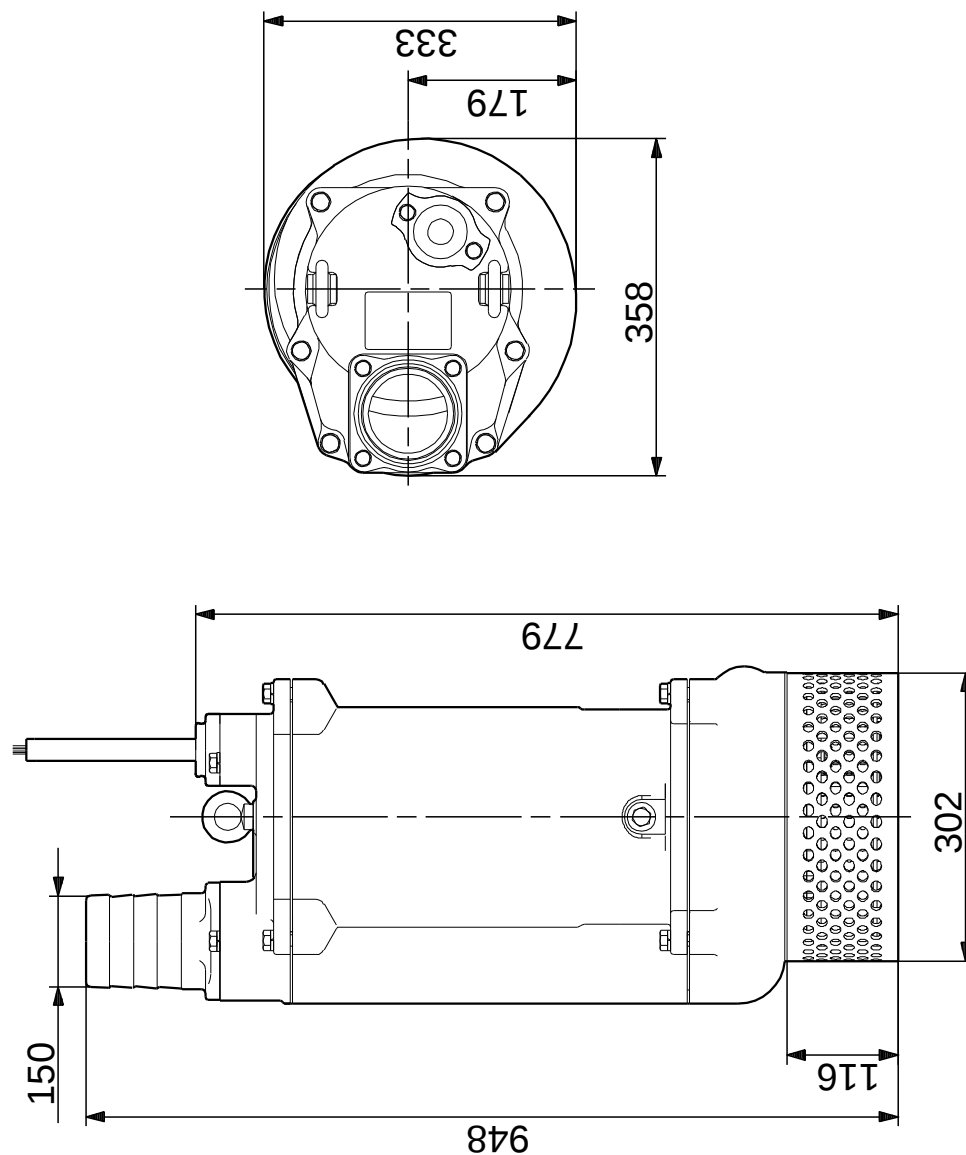
96922743 DWK.O.13.150.110.5.0D.R 50 Hz



Description	Value
General information:	
Product name:	DWK.O.13.150.110.5.0D.R
Product No:	96922743
EAN number:	5700313725311
Technical:	
Max flow:	29.8 l/s
Head min:	20.4 m
Head max:	30.4 m
Actual impeller diameter:	166 mm
Type of impeller:	O
Maximum particle size:	13 mm
Primary shaft seal:	SIC-SIC
Secondary shaft seal:	CERAMIC-CARBON
Max. hydraulic efficiency:	60 %
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 150
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:	11 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Voltage tolerance:	+5/-5 %
Max starts per. hour:	30
Rated current:	20.4 A
Rated current at 3/4 load:	15.4 A
Rated current at 1/2 load:	10.8 A
Cos phi - power factor:	0.92
Cos phi - p.f. at 3/4 load:	0.91
Cos phi - p.f. at 1/2 load:	0.87
Rated speed:	2850 rpm
Motor efficiency at full load:	89.5 %
Motor efficiency at 3/4 load:	90 %
Motor efficiency at 1/2 load:	89.2 %
Number of poles:	2
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Explosion proof:	n0
Length of cable:	10 m
Cable type:	TP90/TP90
Cable size:	4X6.0MM2+4X1MM2
Controls:	
Seal sensor:	N
Sensor type:	Y
Others:	
Net weight:	190 kg

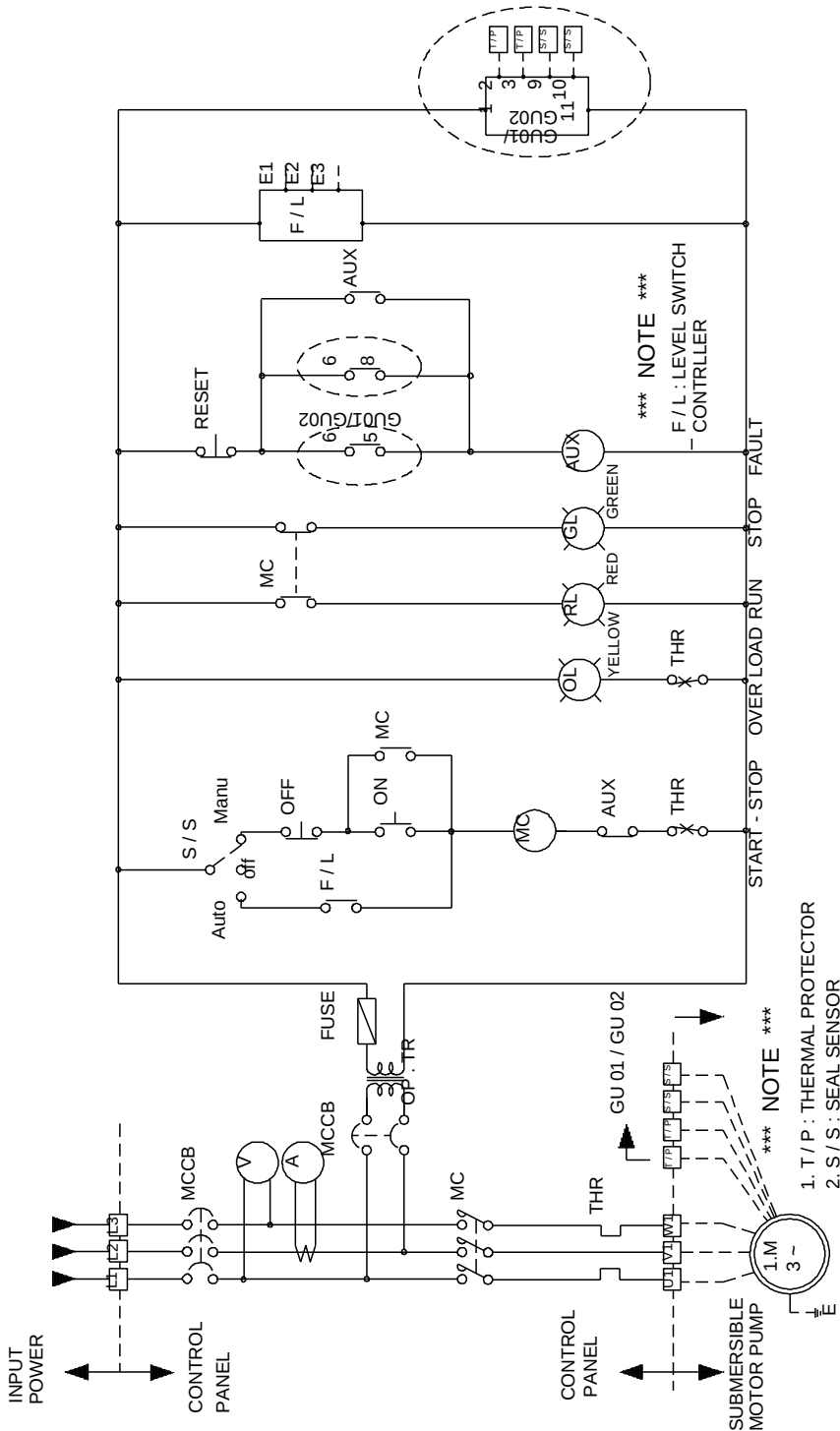


96922743 DWK.O.13.150.110.5.0D.R 50 Hz



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

96922743 DWK.O.13.150.110.5.0D.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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