

DW.50.08.1 1X230V 20M, Grundfos Pump 96090234



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<https://www.lenntech.com/grundfos/DW000/96090234/DW-50-08-1.html>

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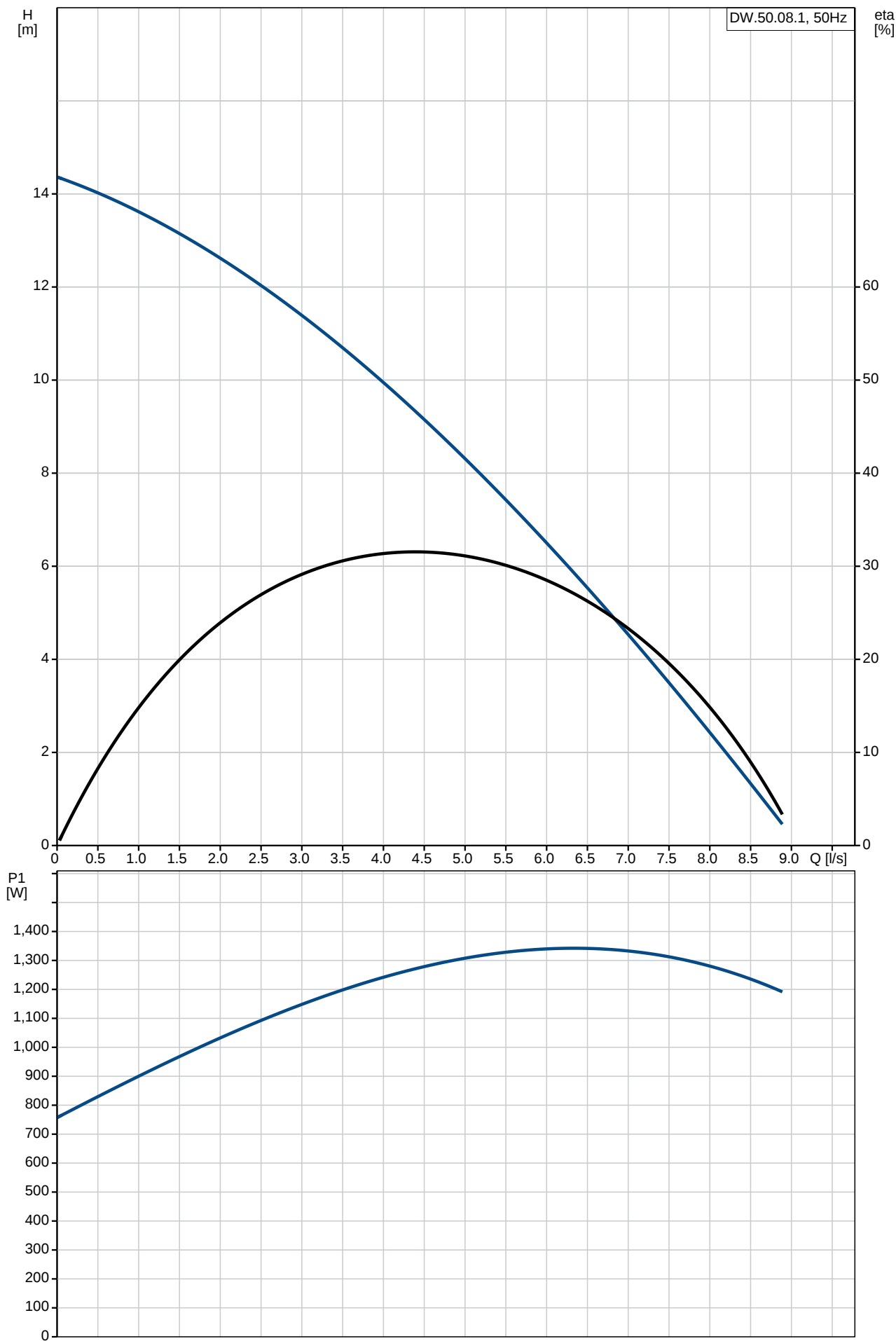
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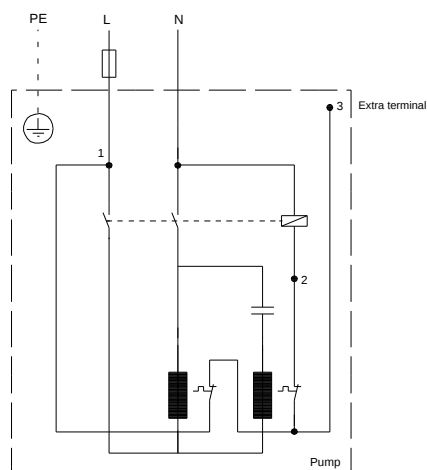
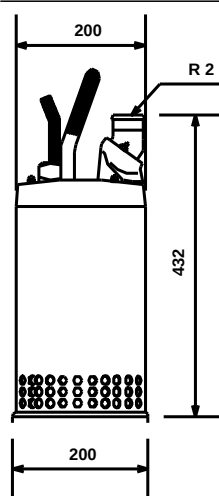
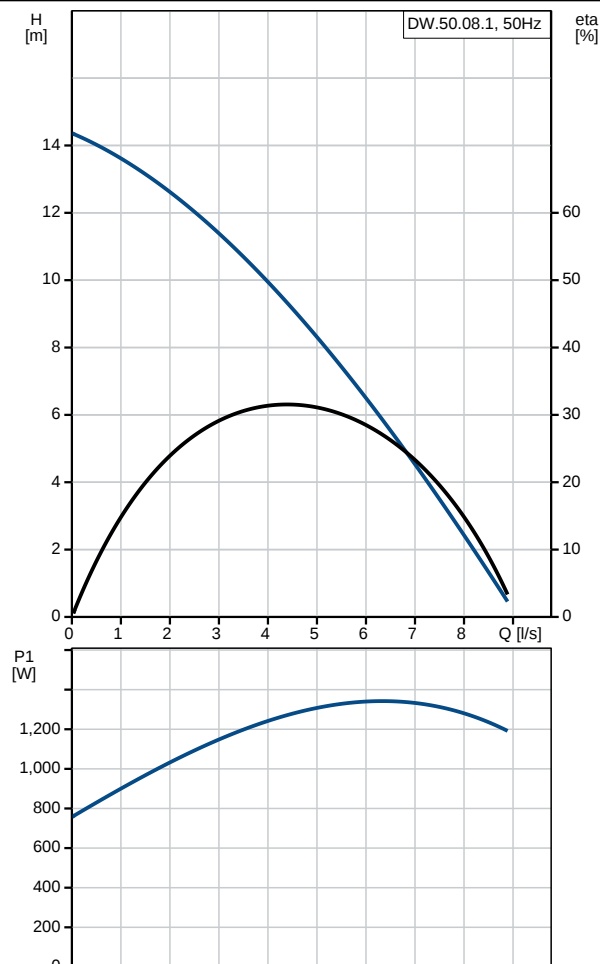
Position	Qty.	Description
	1	DW.50.08.1  Note! Product picture may differ from actual product Product No.: 96090234 Submersible contractor pump. Submersible pump for dewatering in mines, tunnels, quarries and construction sites with vertical discharge port and integrated submersible 1-phase totally enclosed 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 long-life, deep-groove greased-for-life ball bearings. The shaft seal system is a box filled with grease and primary and secondary lip seals. The impeller is fitted between rubber parts. A rubber-coated backplate above the impeller protects the bottom of the oil chamber against wear. A rubber liner protects against wear inside the cooling jacket. When the diffuser becomes worn, it is easily adjusted against the impeller by means of the staybolts to maintain the high performance. The pump is fitted with suction strainer, lifting handle and a 20 m mains cable. The motor has thermal overload switches in the stator windings breaking at 130°C. Stator housing of aluminium according to DIN 1712:GA15:10Mg and cooling jacket of polypropylene. Liquid: Liquid temperature range: 0 .. 40 °C Density: 998.2 kg/m³ Technical: Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Polypropylene Impeller: High-chromium abrasion resistant cast iron HV600 Installation: Pump outlet: R 2 Maximum installation depth: 5 m Electrical data: Power input - P1: 1.3 kW Mains frequency: 50 Hz Rated voltage: 1 x 230 V Rated current: 6 A

Position	Qty.	Description
		Rated speed: 2800 rpm Capacitor size - run: 16 µF/230 V Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Length of cable: 20 m Type of cable plug: NONE Others: Net weight: 13 kg

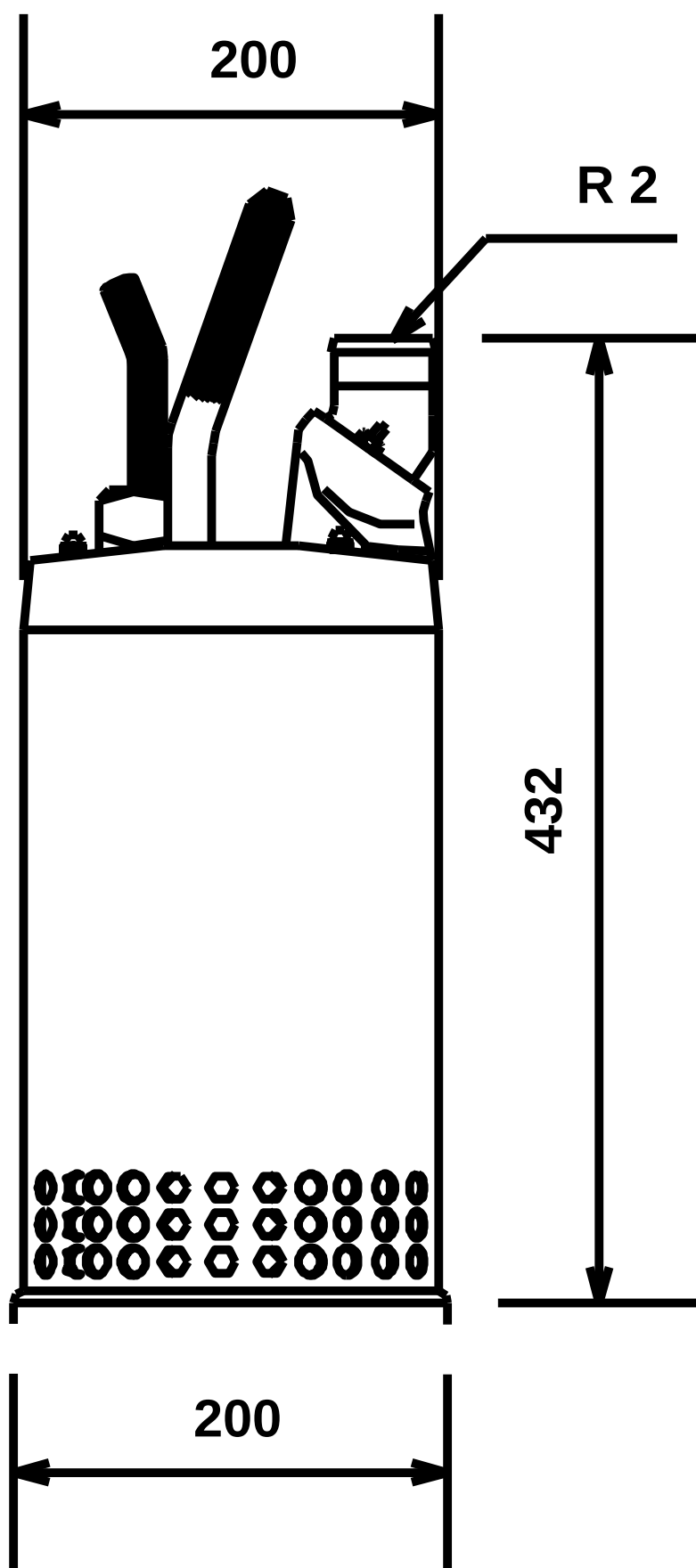
96090234 DW.50.08.1 50 Hz



Description	Value
General information:	
Product name:	DW.50.08.1
Product No:	96090234
EAN number:	5700395286540
Technical:	
Max flow:	8.89 l/s
Head max:	14.3 m
Curve tolerance:	ISO9906:2012 3B
Materials:	
Pump housing:	Polypropylene
Impeller:	High-chromium abrasion resistant cast iron HV600
Installation:	
Pump outlet:	R 2
Maximum installation depth:	5 m
Inst dry/wet:	S
Installation:	vertical
Liquid:	
Liquid temperature range:	0 .. 40 °C
Density:	998.2 kg/m ³
Electrical data:	
Power input - P1:	1.3 kW
P2:	0.8 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 230 V
Rated current:	6 A
Rated speed:	2800 rpm
Capacitor size - run:	16 µF/230 V
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protec:	CONTACT
Thermal protec:	internal
Length of cable:	20 m
Type of cable plug:	NONE
Others:	
Net weight:	13 kg

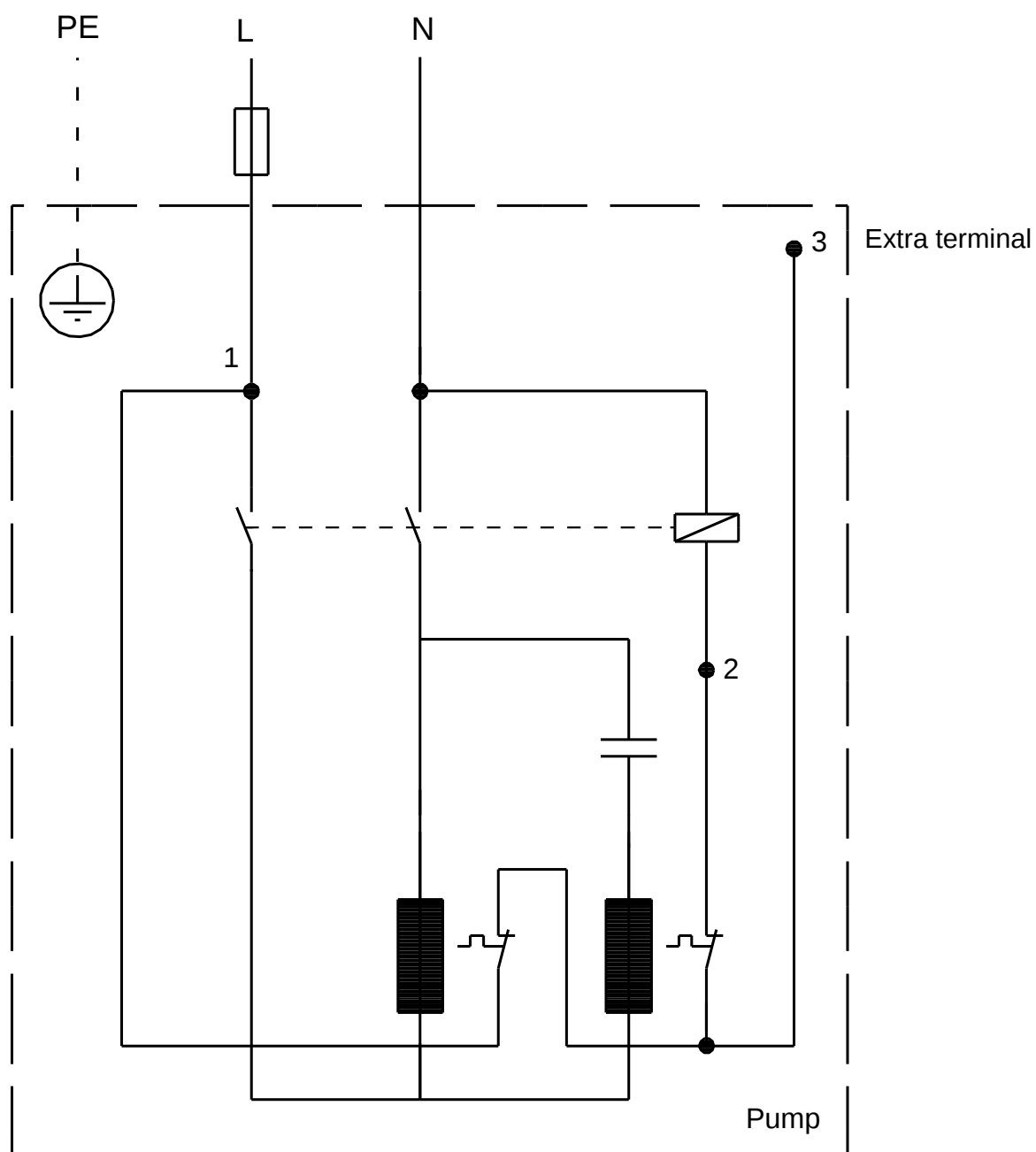


96090234 DW.50.08.1 50 Hz



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

96090234 DW.50.08.1 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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