

DW.50.08.A1 1X230V 20M, Grundfos pump 96090201



Thank you for your interest in our products. Please contact us for more information, or visit our website

<https://www.lenntech.com/grundfos/DW000/96090201/DW-50-08-A1.html>

info@lenntech.com

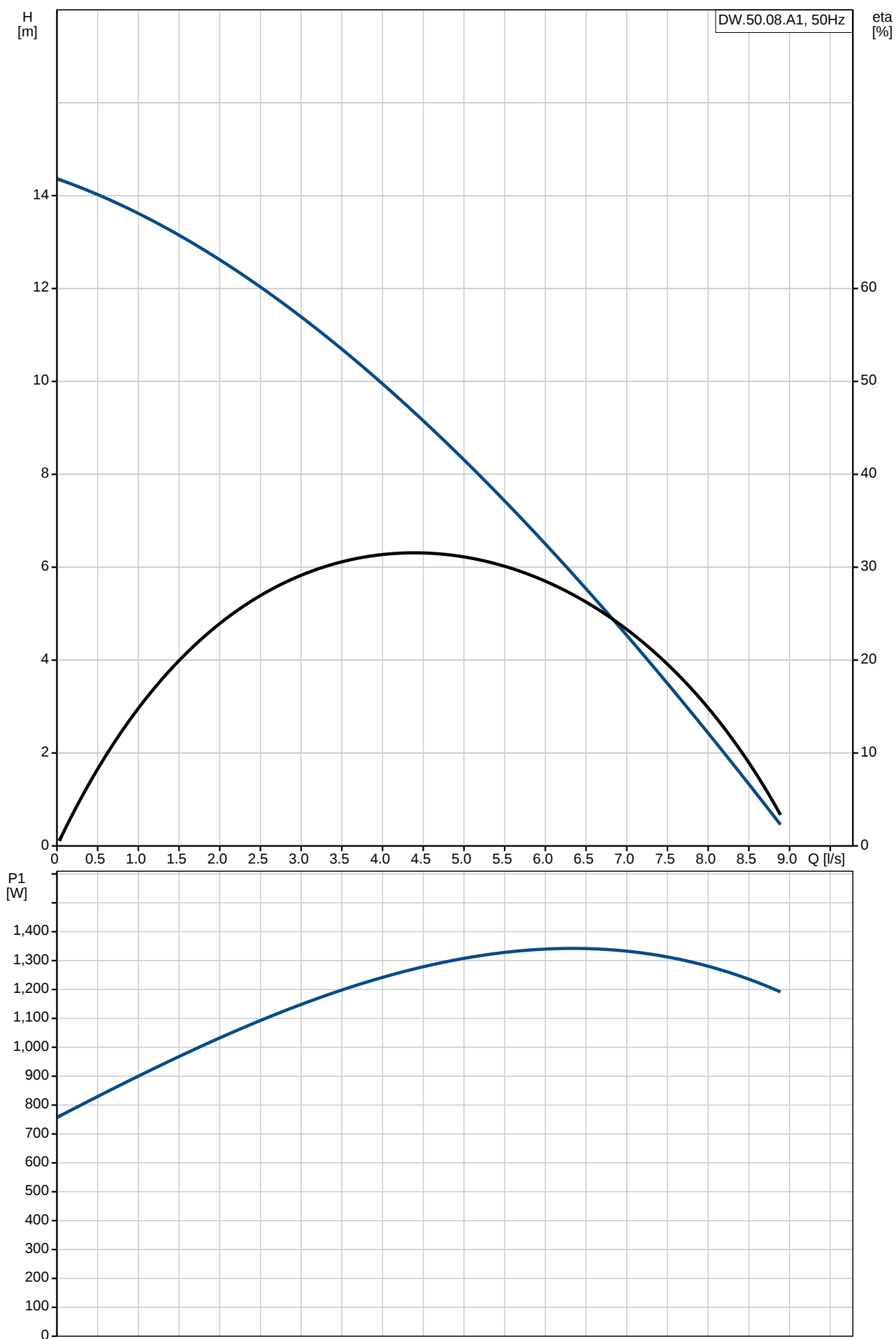
tel. +31 152 610 900

fax. +31 152 616 289

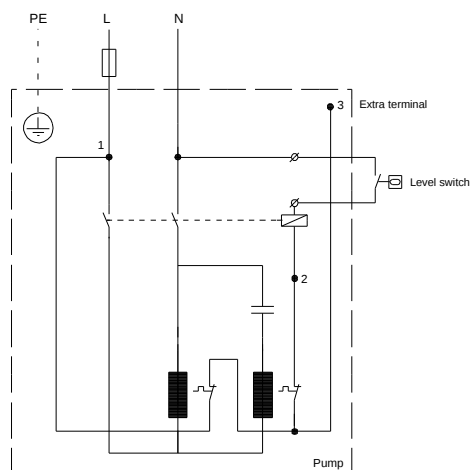
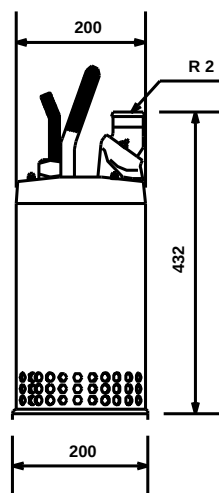
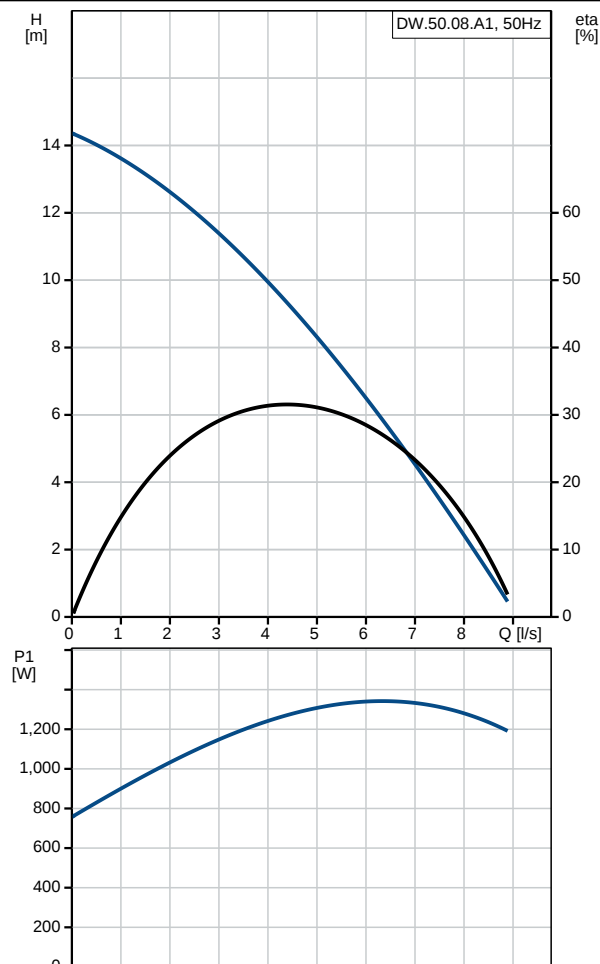
Position	Qty.	Description
	1	DW.50.08.A1  Note! Product picture may differ from actual product Product No.: On request Submersible contractor pump. Submersible pump for dewatering in mines, tunnels, quarries and construction sites with vertical discharge port and integrated submersible 1-phase totally 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 pump is fitted with a float switch for start/stop. 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 / Storz C Maximum installation depth: 5 m Electrical data: Power input - P1: 1.3 kW Mains frequency: 50 Hz

Position	Qty.	Description
		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 Length of cable: 20 m Type of cable plug: SCHUKO Others: Net weight: 13 kg

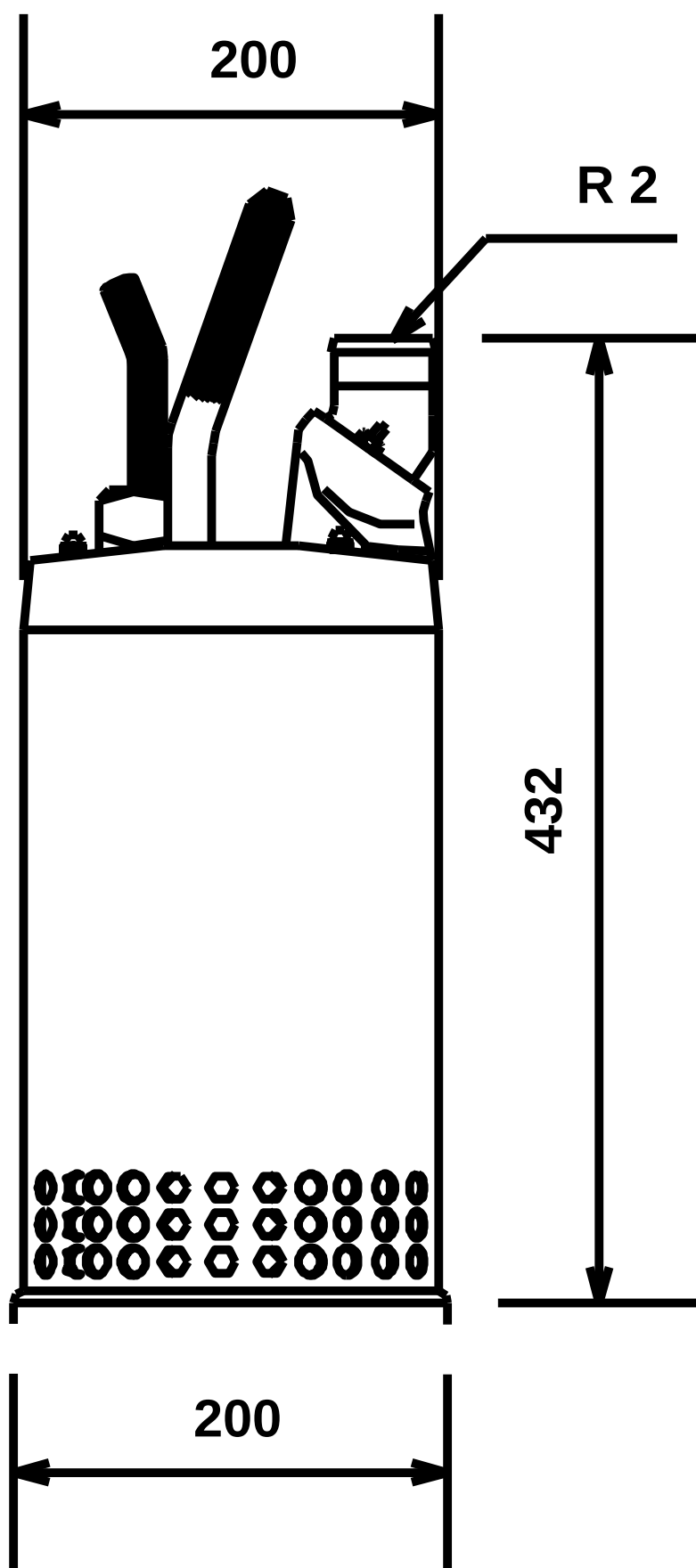
On request DW.50.08.A1 50 Hz



Description	Value
General information:	
Product name:	DW.50.08.A1
Product No:	On request
EAN number:	On request
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 / Storz C
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:	SCHUKO
Controls:	
Level switch:	float switch
Others:	
Net weight:	13 kg



On request DW.50.08.A1 50 Hz



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

Exploded view



Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

Exploded view (TM057026 for MGE model H/I)



Parts list DW.50.08.A1, Product No. On request
Valid from 1.12.1998 (9849)

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
2	Cooling jacket				1	pcs
6	Washer				3	pcs
6	Washer				6	pcs
6	Washer				2	pcs
10	Stud bolt				3	pcs
11	Stud bolt				2	pcs
36	Hex nut		Thread: M6		9	pcs
37	Washer				1	pcs
38	Bearing retainer				1	pcs
49	O-ring				1	pcs
51	O-ring				1	pcs
51	O-ring				1	pcs
57	O-ring				1	pcs
67	Nut		Thread: M8		2	pcs
81	Slot cheese head screw				2	pcs
83	O-ring				2	pcs
84	Handle				1	pcs
91	Contactor				1	pcs
98	Bearing retainer				1	pcs
104	Base plate				1	pcs
107	Washer				1	pcs
109	Cable clamp				1	pcs
125	Capacitor				1	pcs
132	Spacing pipe				4	pcs
138	Washer				1	pcs
143	Cable entry unit				1	pcs
143	Slot cheese head screw				2	pcs
146	Rubber bush				1	pcs
149	Rubber bush				3	pcs
149	Rubber bush				1	pcs
152	O-ring				1	pcs
154	Ball bearing				1	pcs
173	Socket pan head screw				2	pcs
397	O-ring				2	pcs

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.

All information is copyright Grundfos.



info@lenntech.com

<https://www.lenntech.com>

tel. +31 152 610 900

fax. +31 152 616 289