

DW.100.200.3.H 3X400V 20M, Grundfos pump 96090251



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

<https://www.lenntech.com/grundfos/DW000/96090251/DW-100-200-3-H.html>

info@lenntech.com

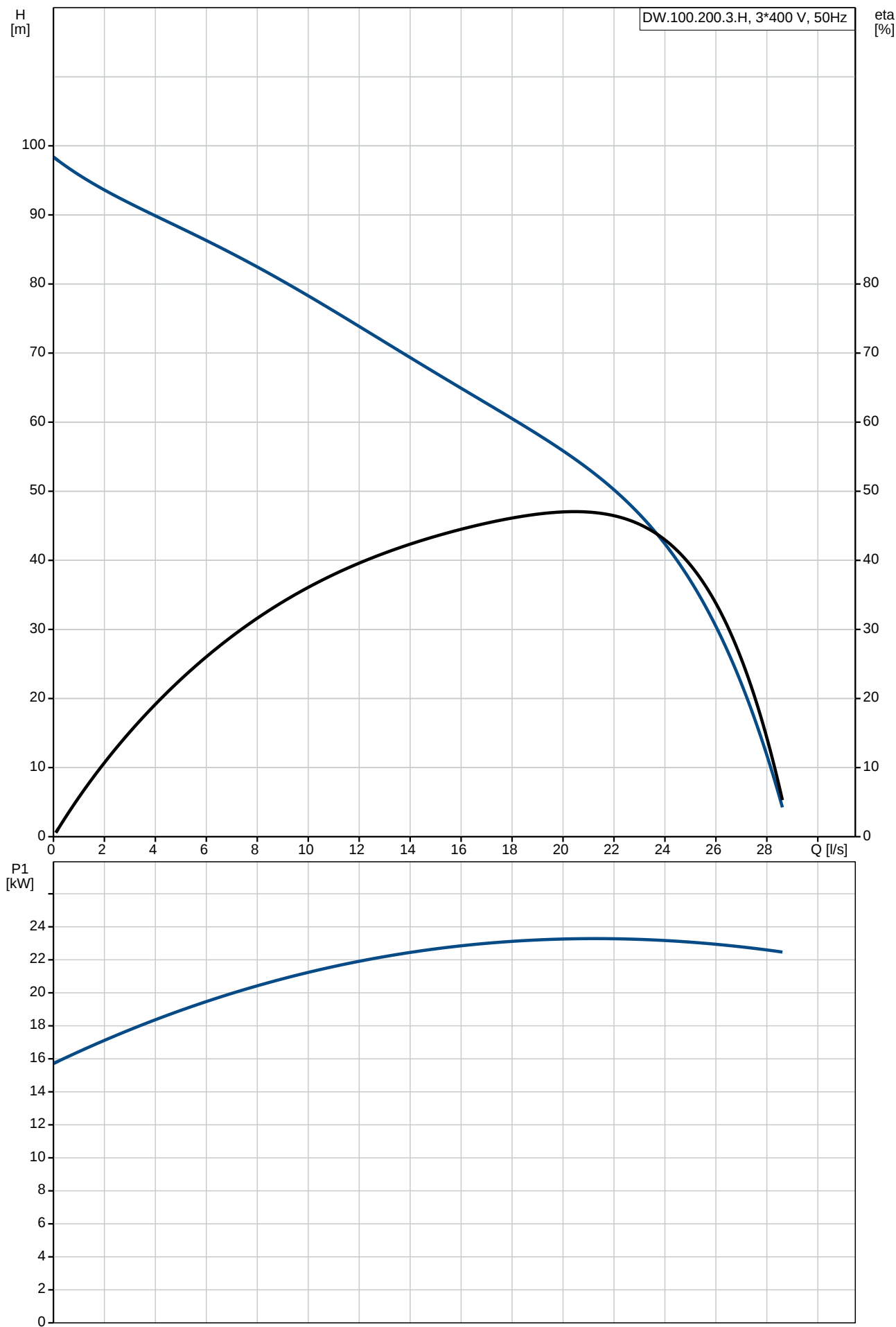
tel. +31 152 610 900

fax. +31 152 616 289

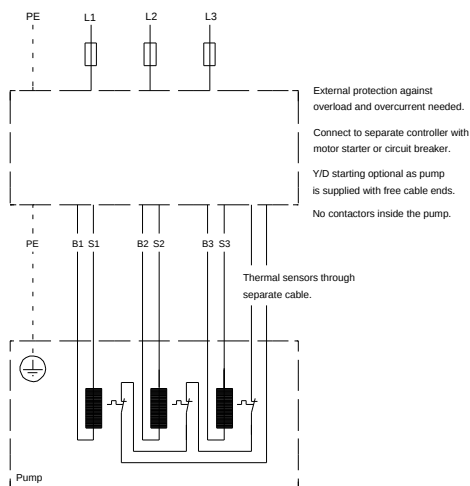
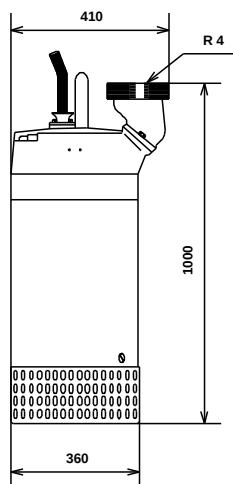
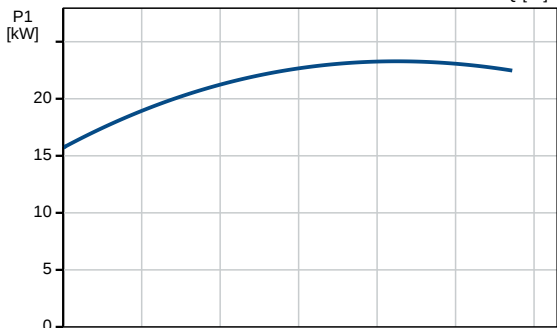
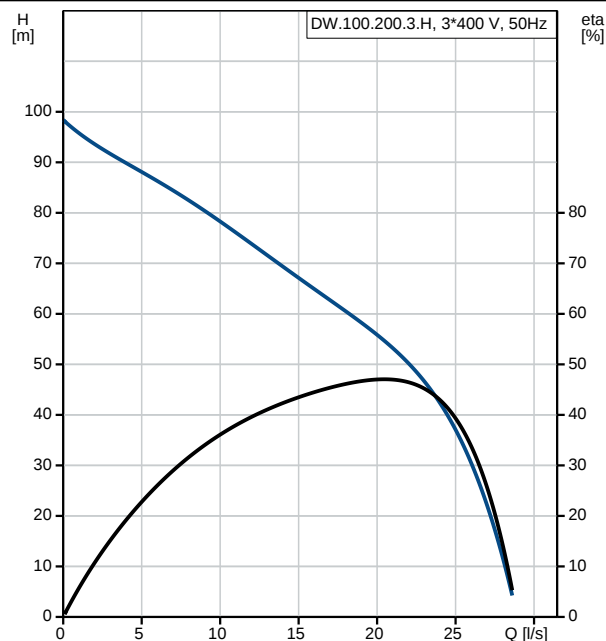
Position	Qty.	Description
	1	DW.100.200.3.H  Note! Product picture may differ from actual product Product No.: On request Submersible contractor pump. Submersible pump for dewatering in mines, tunnels, quarries and construction sites with vertical discharge port and integrated submersible 3-phase totally 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 has a double mechanical seal. 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 and cooling jacket of aluminium according to DIN 1712:GA15:10Mg. Liquid: Liquid temperature range: 0 .. 40 °C Density: 998.2 kg/m³ Technical: Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Aluminium Impeller: High-chromium abrasion resistant cast iron HV600 Installation: Pump outlet: R 4 / Storz Maximum installation depth: 17 m Electrical data: Power input - P1: 23 kW Mains frequency: 50 Hz Rated voltage: 3 x 400 V Rated current: 40 A Rated speed: 2800 rpm Start. method: star/delta

Position	Qty.	Description
		Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Length of cable: 20 m Type of cable plug: NONE Others: Net weight: 148 kg

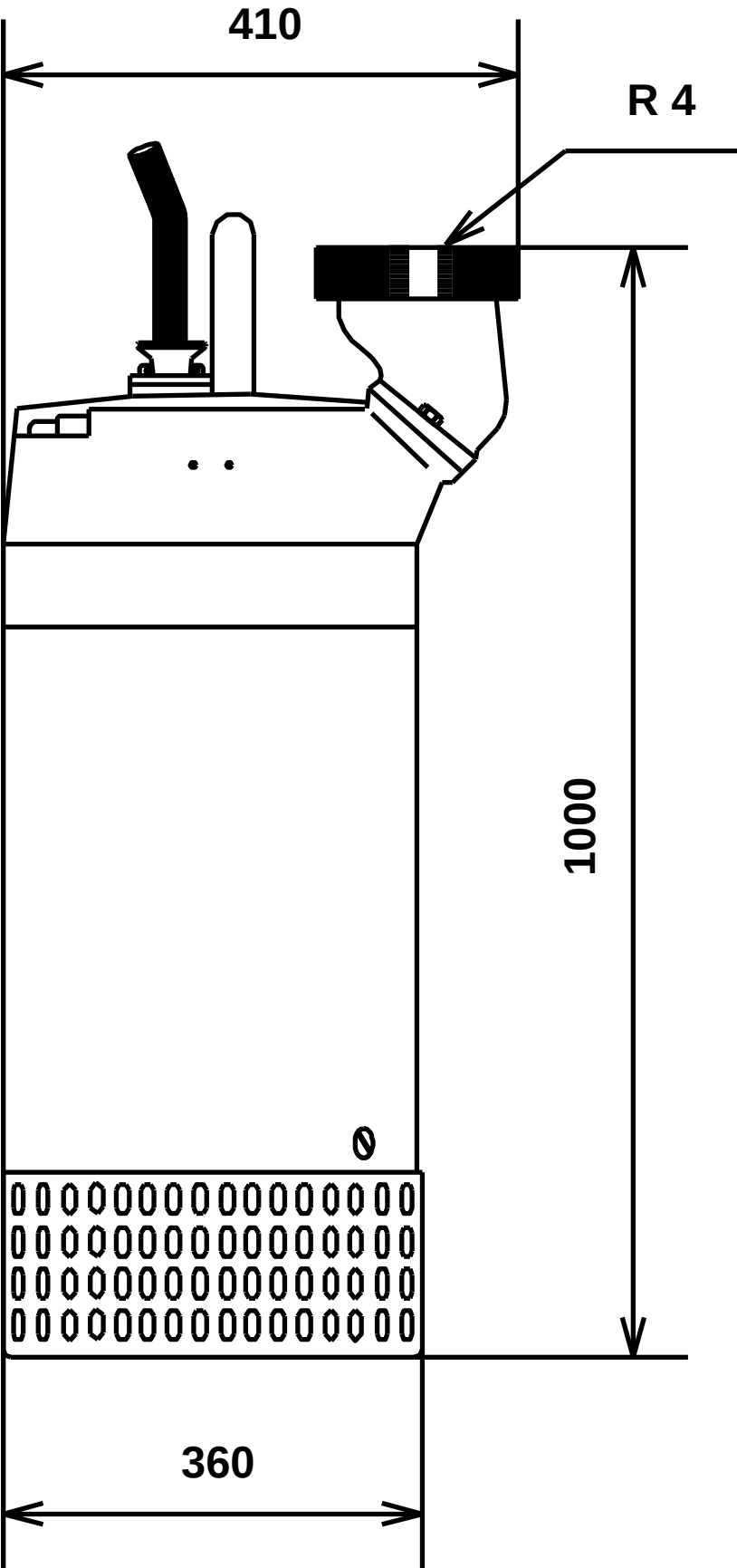
On request DW.100.200.3.H 50 Hz



Description	Value
General information:	
Product name:	DW.100.200.3.H
Product No:	On request
EAN number:	On request
Technical:	
Max flow:	28.6 l/s
Head max:	98.2 m
Curve tolerance:	ISO9906:2012 3B
Materials:	
Pump housing:	Aluminium
Impeller:	High-chromium abrasion resistant cast iron HV600
Installation:	
Pump outlet:	R 4 / Storz
Maximum installation depth:	17 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:	23 kW
P2:	20 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 400 V
Rated current:	40 A
Rated speed:	2800 rpm
Start. method:	star/delta
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protec:	CONTACT
Thermal protec:	external
Length of cable:	20 m
Type of cable plug:	NONE
Others:	
Net weight:	148 kg



On request DW.100.200.3.H 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.100.200.3.H, Product No. On request
Valid from 1.12.1998 (9849)

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
	Kit, stator w/housing				1	pcs
	Hex head bolt		Length (mm): 35 Thread: 10		3	pcs
3	Washer				12	pcs
6	Washer				3	pcs
6	Washer				18	pcs
6	Washer				2	pcs
7	Washer				6	pcs
13	Diffuser				1	pcs
14	Hex socket head cap screw				1	pcs
15	Washer		Internal diameter: 10.2 Outer diameter: 21 Thickness: 4		1	pcs
15	Washer				1	pcs
16	O-ring		Diameter: 34.2 Material type: NBR Thickness: 3		2	pcs
16	O-ring				1	pcs
23	Rubber plug				2	pcs
25	Seal ring				1	pcs
26	Stud bolt				2	pcs
31	Seal ring				3	pcs
34	O-ring				1	pcs
34	O-ring				2	pcs
34	O-ring				1	pcs
37	Shaft seal				1	pcs
38	Bearing retainer				1	pcs
39	O-ring				1	pcs
42	Washer				1	pcs
46	Hex socket head cap screw		Length (mm): 14 Thread: M12		2	pcs
50	O-ring				1	pcs
51	O-ring				1	pcs
51	O-ring				1	pcs
52	Intermediate part				1	pcs
54	Ball bearing				1	pcs
55	O-ring				1	pcs
58a	Hex socket head cap screw		Designation: DIN 912 Length (mm): 25 Thread: M10		2	pcs
59	Nut				1	pcs
61	O-ring		Diameter: 59.5 Material type: NBR Thickness: 3		1	pcs
62	Cover				1	pcs
65	Hex socket head cap screw				3	pcs
74	Cover				1	pcs
75	Washer				2	pcs
76	Rubber bush				2	pcs
77	Washer				2	pcs
81	Slot cheese head screw				4	pcs
81	Slot cheese head screw				2	pcs
83	O-ring				2	pcs
84	Handle				1	pcs
89	Hex socket head cap screw				2	pcs
97	Socket pan head screw				6	pcs
99	Washer				1	pcs
105	Retaining ring				1	pcs
106	O-ring		Diameter: 62		1	pcs

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
			Material type: NBR			
			Thickness: 3			
107	Washer				1	pcs
108	Rubber bush				1	pcs
111	Cable entry				2	pcs
118a	Hex socket head cap screw				3	pcs
168	O-ring		Diameter: 250		1	pcs
			Material type: NBR			
			Thickness: 8			

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