

DW.65.27.3 3X400V 20M, Grundfos pump 96090208



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<https://www.lenntech.com/grundfos/DW000/96090208/DW-65-27-3.html>

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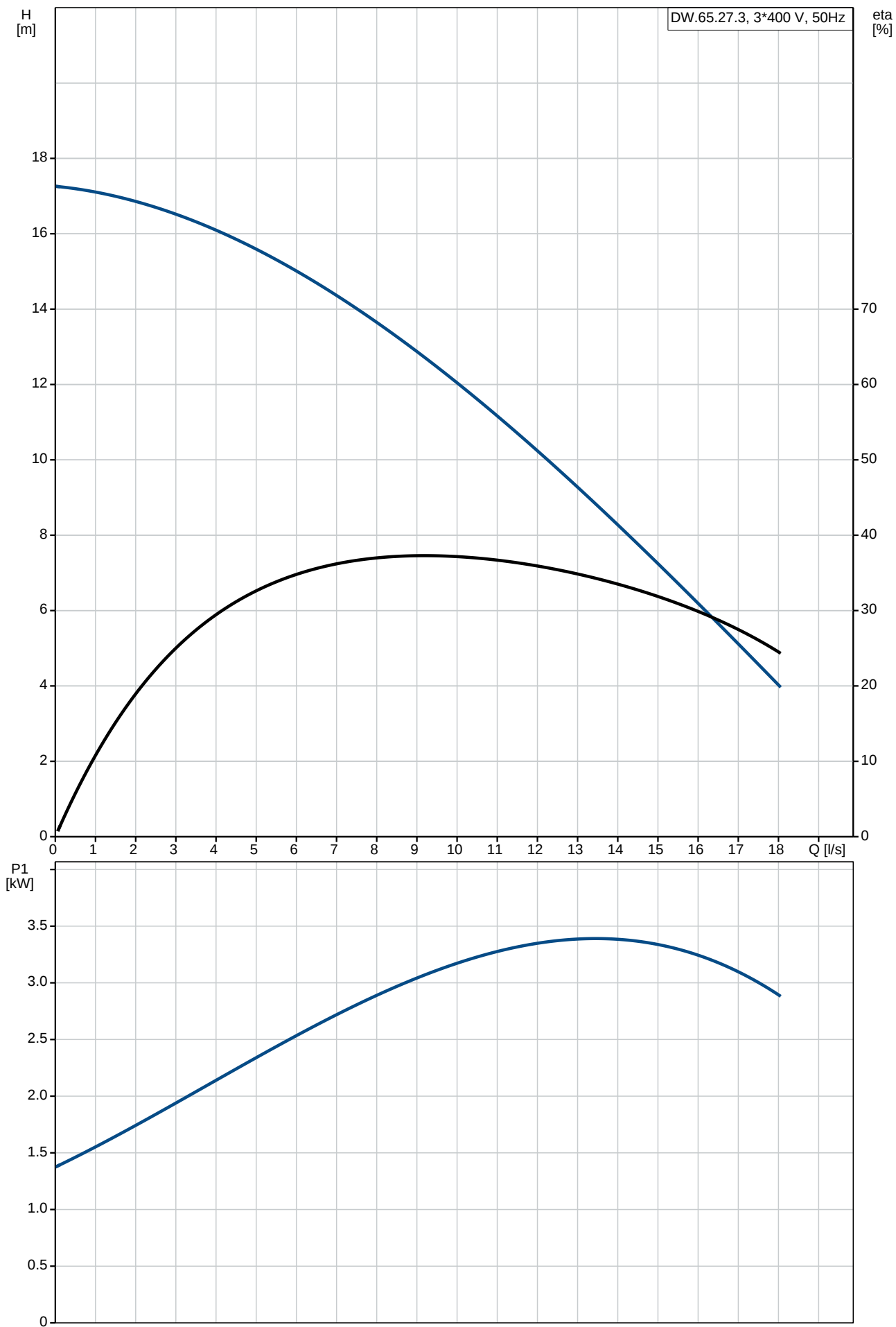
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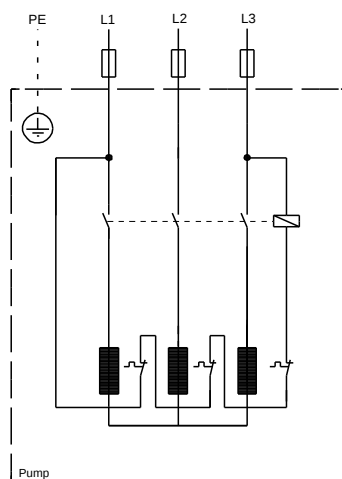
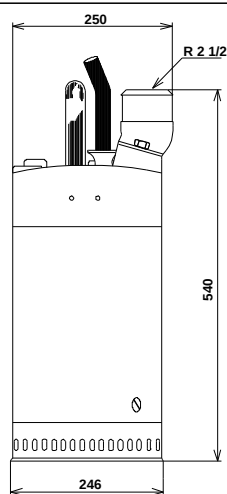
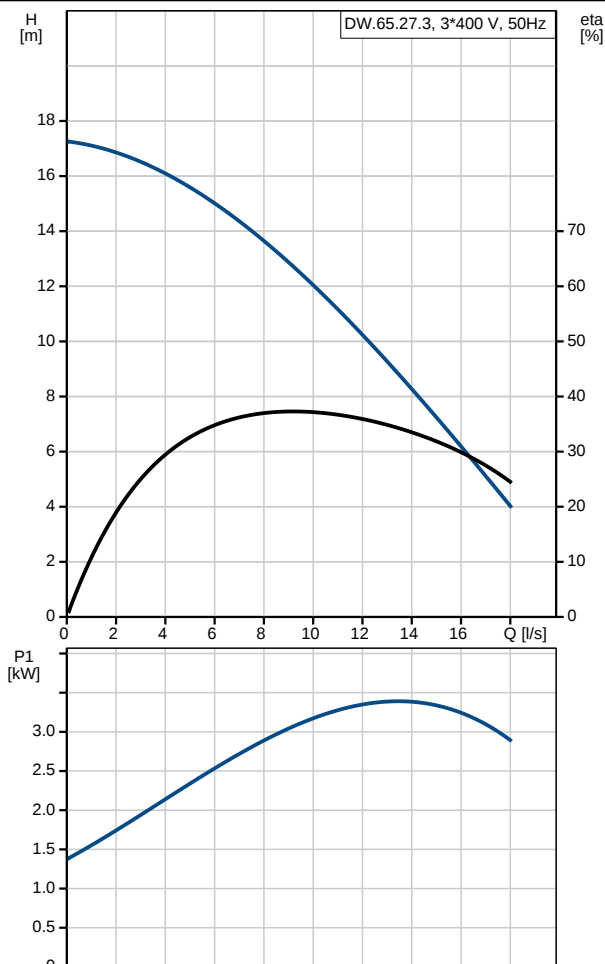
Position	Qty.	Description
	1	DW.65.27.3  Note! Product picture may differ from actual product Product No.: On request Submersible contractor pump. Submersible pump for dewatering in mines, tunnels, quarries and construction sites with vertical discharge port and integrated submersible 3-phase totally 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 2 1/2 Maximum installation depth: 17 m Electrical data: Power input - P1: 3.4 kW Mains frequency: 50 Hz Rated voltage: 3 x 400 V Rated current: 6.2 A Rated speed: 2800 rpm Start. method: direct-on-line

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: 30 kg Danish VVS No.: 391356113

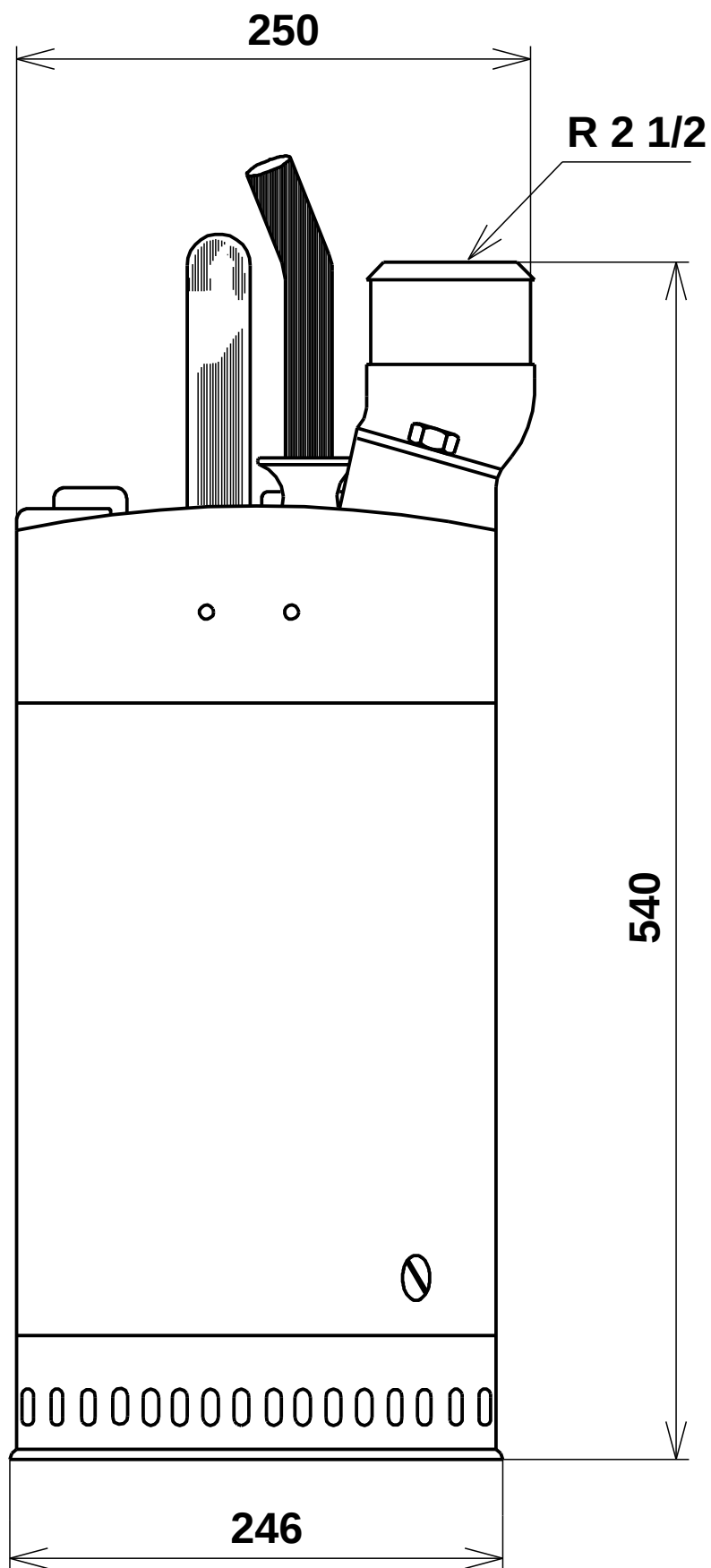
On request DW.65.27.3 50 Hz



Description	Value
General information:	
Product name:	DW.65.27.3
Product No:	On request
EAN number:	On request
Technical:	
Max flow:	16.9 l/s
Head max:	17.3 m
Curve tolerance:	ISO9906:2012 3B
Materials:	
Pump housing:	Aluminium
Impeller:	High-chromium abrasion resistant cast iron HV600
Installation:	
Pump outlet:	R 2 1/2
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:	3.4 kW
P2:	2.7 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 400 V
Rated current:	6.2 A
Rated speed:	2800 rpm
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:	30 kg
Danish VVS No.:	391356113



On request DW.65.27.3 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.65.27.3, Product No. On request
Valid from 12.4.2010 (1015)

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
	Jumper				1	pcs
	Bearing retainer				1	pcs
	Top cover				1	pcs
-	Oil housing cover				1	pcs
33	Cover				1	
1	Lock nut				5	pcs
2	Strainer				1	pcs
6	Washer		Internal diameter: 10.5		3	pcs
			Outer diameter: 18			
			Thickness: 1.6			
6	Washer		Internal diameter: 10.5		3	pcs
			Outer diameter: 18			
			Thickness: 1.6			
6	Washer		Internal diameter: 10.5		2	pcs
			Outer diameter: 18			
			Thickness: 1.6			
7a	Pan head screw				3	pcs
10	Stud bolt				3	pcs
11	Stud bolt				2	pcs
12	Rubber plug				4	pcs
14	Hex socket head cap screw				1	pcs
15	Washer		Internal diameter: 10.2		1	pcs
			Outer diameter: 21			
			Thickness: 4			
16	O-ring				2	pcs
16	O-ring		Diameter: 34.2		1	pcs
			Material type: NBR			
			Thickness: 3			
18	Impeller				1	pcs
19	Pipe plug		Thread: R 3/8		1	pcs
19	Nut		Thread: M10		6	pcs
19	Diffuser				1	pcs
21	Split cone				1	pcs
23	Rubber plug				2	pcs
26	Pan head thread forming screw				3	pcs
28	Impeller disc				1	pcs
29	Rubber liner				1	pcs
31	Seal ring				3	pcs
32	O-ring				1	pcs
33	Cover				1	pcs
36	Hex socket head cap screw				3	pcs
37	Shaft seal				1	pcs
39	O-ring				1	pcs
40	Seal ring				1	pcs
45	Seal ring				3	pcs
46	Hex socket head cap screw		Length (mm): 14		1	pcs
			Thread: M12			
47	Motor housing				1	pcs
48	Stator				1	pcs
51	O-ring				1	pcs
53	Shaft w/rotor				1	pcs
57	Gasket				1	pcs
58	Discharge port				1	pcs
59	Rubber bush				1	pcs
64	Rivet				4	pcs
65	Hex socket head cap screw				3	pcs
75	Washer				2	pcs
76	Rubber bush				1	pcs
80	Cable entry				1	pcs

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
81	Slot cheese head screw				2	pcs
82	Clamp				1	pcs
83	O-ring				2	pcs
84	Handle				1	pcs
85	Motor cable				1	pcs
90	Terminal board				1	pcs
91	Main switch contactor				1	pcs
104	Base plate				1	pcs
107	O-ring		Diameter: 134.5		1	pcs
			Material type: NBR			
			Thickness: 3			
107	O-ring		Diameter: 134.5		1	pcs
			Material type: NBR			
			Thickness: 3			
115	Rubber bush				3	pcs
116	Hex socket head screw				1	pcs
117	Seal carrier				1	pcs
118a	Hex socket head cap screw				2	pcs
122	Lock washer				3	pcs
137	Washer				1	pcs
138	Washer				1	pcs
139	Rubber bush				1	pcs
153	Ball bearing		Designation: 6202.ZZ.C3		1	pcs
154	Ball bearing		Designation: 6204.ZZ.C3.SYN		1	pcs
158	Retaining ring				1	pcs
187	Hex socket head cap screw				5	pcs
193a	Oil				0	L
194	Washer		Internal diameter: 19		1	pcs
			Outer diameter: 12.2			
			Thickness: 4.4			

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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