

DW.100.110.3.H 3X400V 20M, Grundfos Pump 96090245



Thank you for your interest in our products

Please contact us for more information, or visit our website

<https://www.lenntech.com/grundfos/DW000/96090245/DW-100-110-3-H.html>

info@lenntech.com

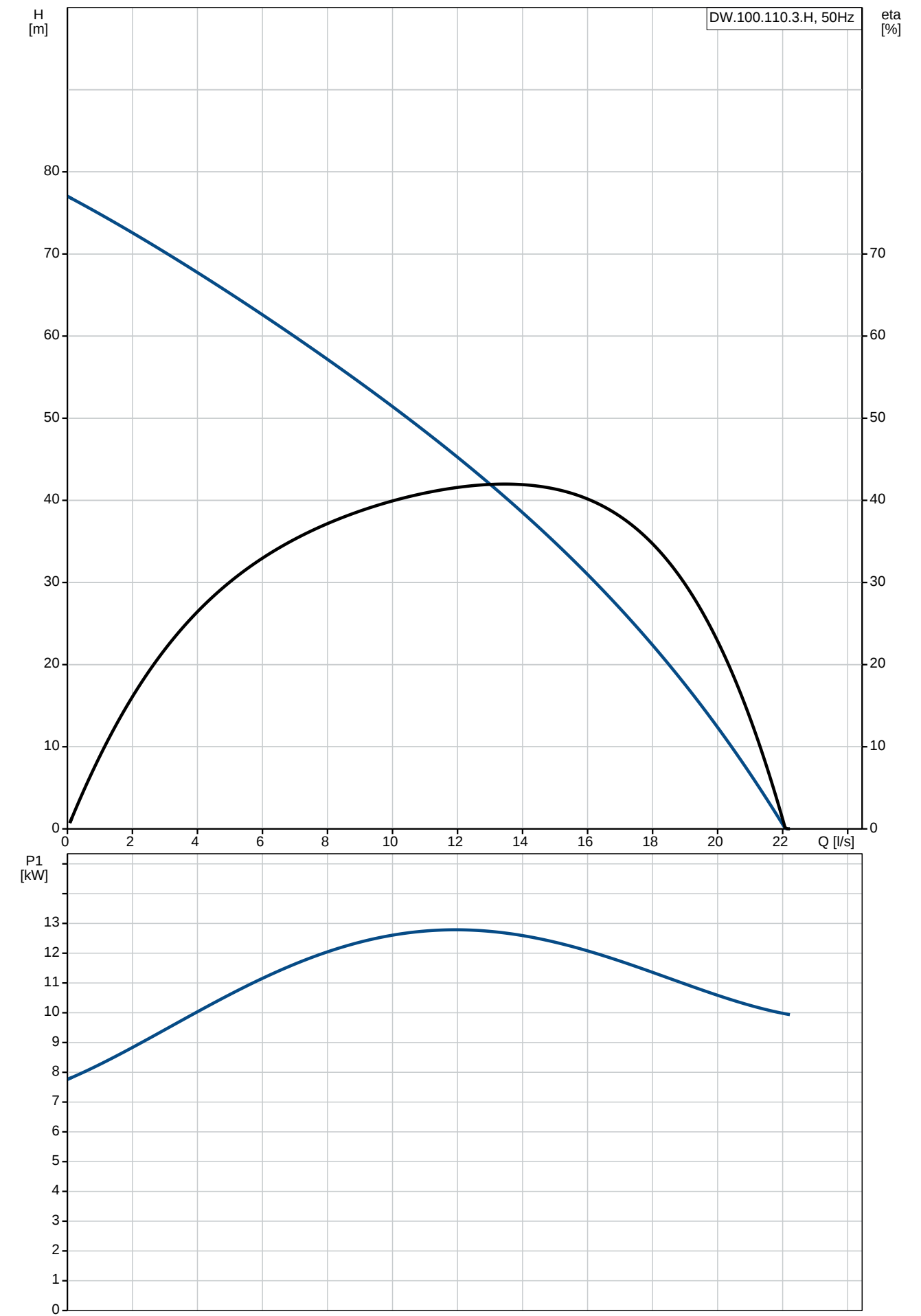
tel. +31-15-261.09.00

fax. +31-15-261.62.89

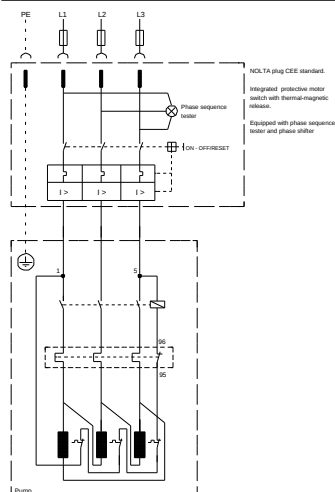
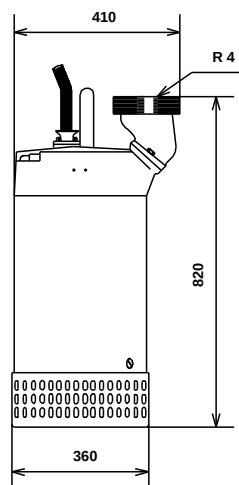
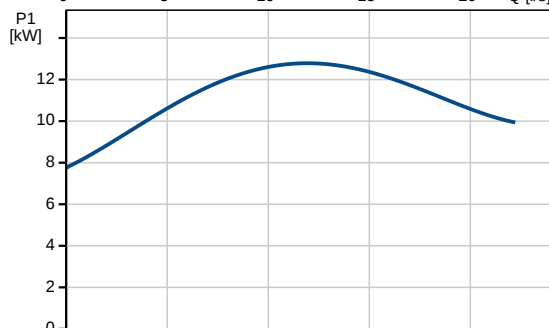
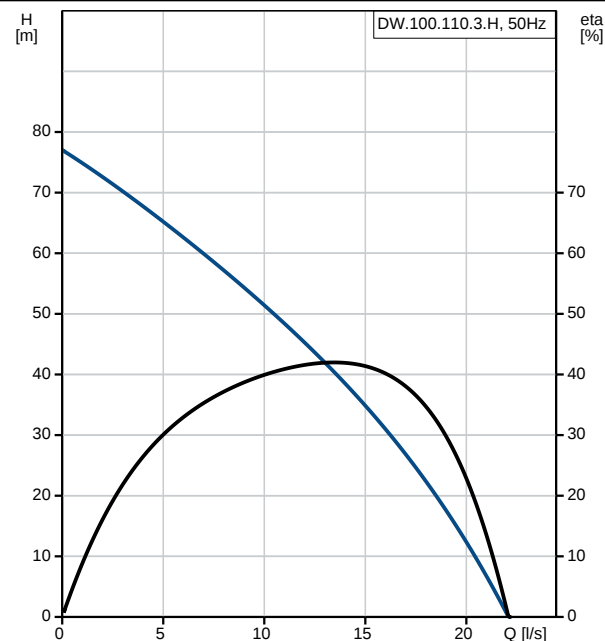
Position	Qty.	Description
	1	DW.100.110.3.H  Note! Product picture may differ from actual product Product No.: 96090245 Submersible contractor pump. Submersible pump for dewatering in mines, tunnels, quarries and construction sites with vertical discharge port and integrated submersible 3-phase totally 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: 12.8 kW Mains frequency: 50 Hz Rated voltage: 3 x 400 V Rated current: 21 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: CEE Others: Net weight: 110 kg

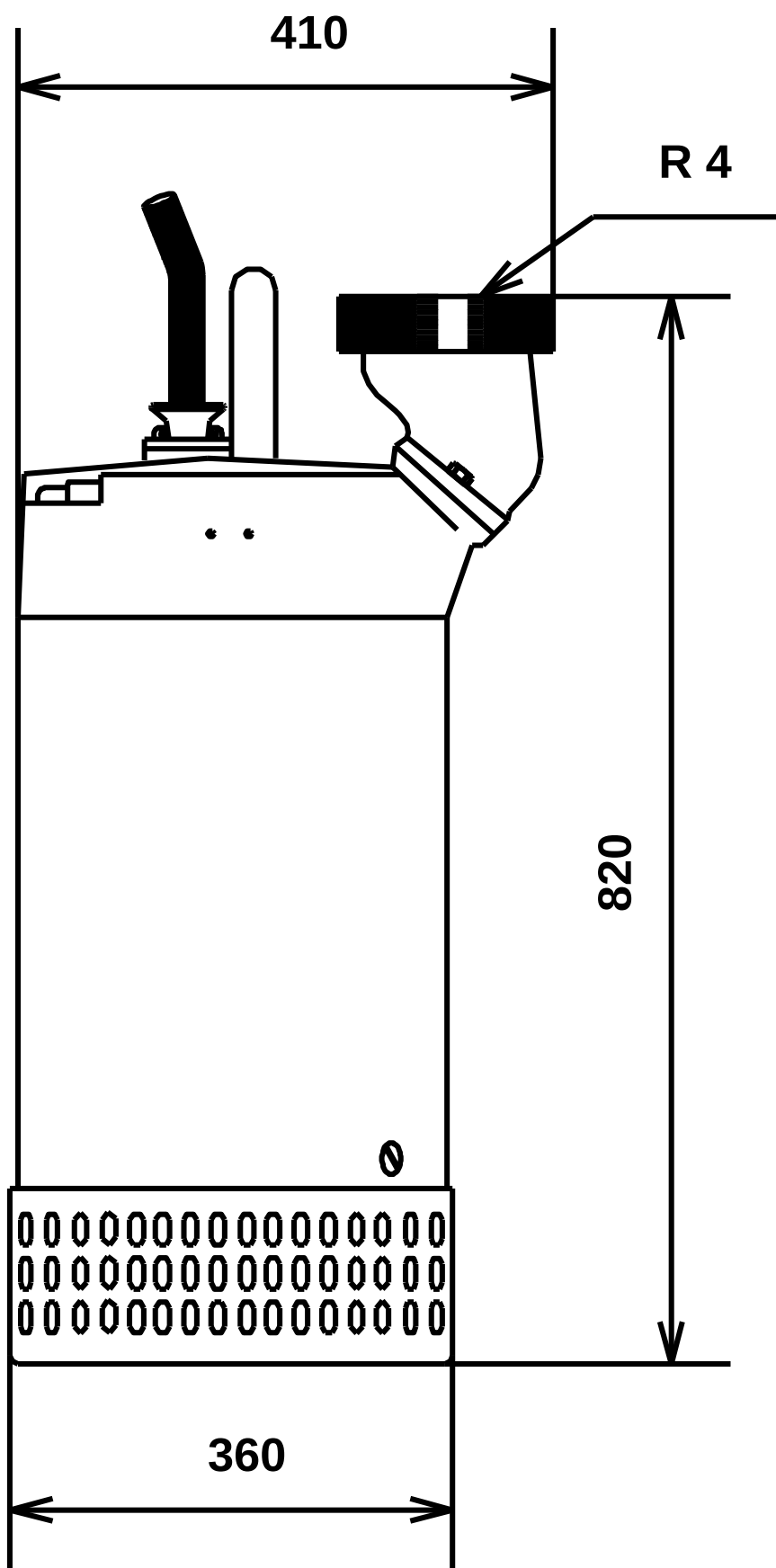
96090245 DW.100.110.3.H 50 Hz



Description	Value
General information:	
Product name:	DW.100.110.3.H
Product No:	96090245
EAN number:	5700395287080
Technical:	
Max flow:	21.9 l/s
Head max:	77 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:	12.8 kW
P2:	11 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 400 V
Rated current:	21 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:	CEE
Others:	
Net weight:	110 kg

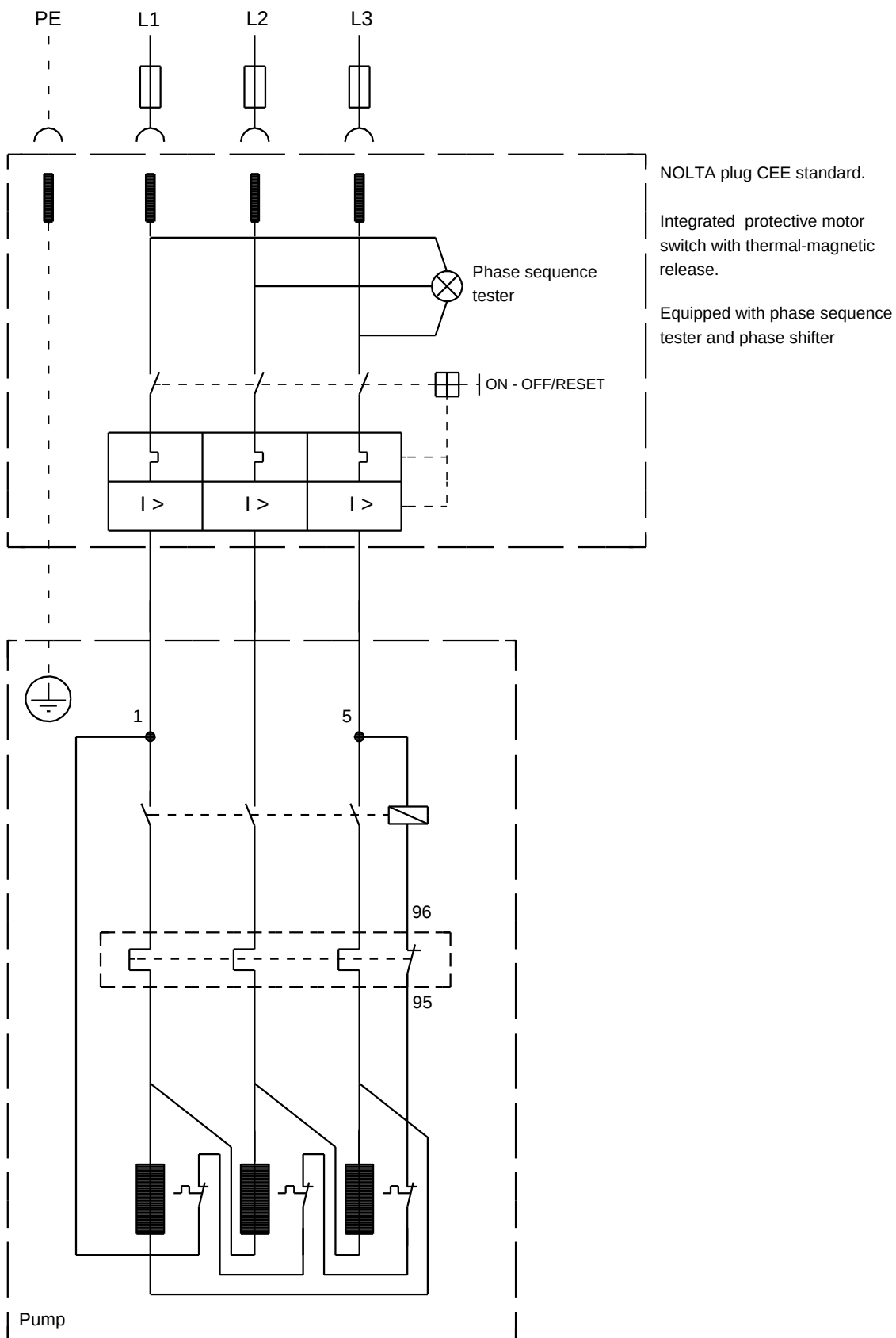


96090245 DW.100.110.3.H 50 Hz



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

96090245 DW.100.110.3.H 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.*

All information is copyright Grundfos.



info@lenntech.com

www.lenntech.com

tel. +31-15-261.09.00

fax. +31-15-261.62.89