

CRNE45-1-1 A-F-G-E-HQQE 3x380-500 60 HZ

Grundfos Pump 99072029



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Please contact us for more information, or visit our website

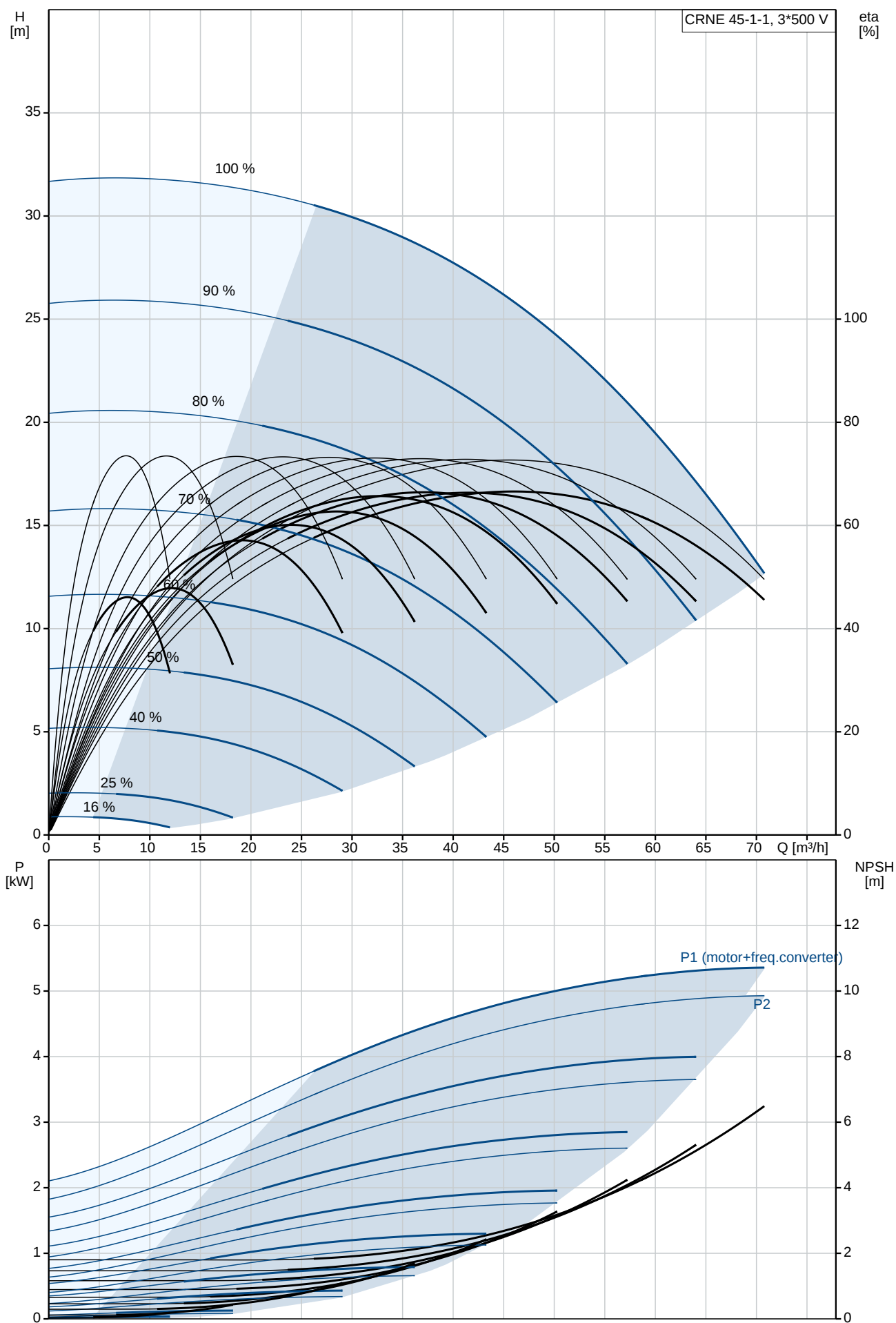
<https://www.lenntech.com/grundfos/CRNE45/99072029/CRNE-45-1-1-A-F-G-E-HQQE.html>

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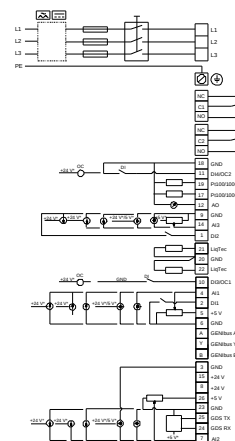
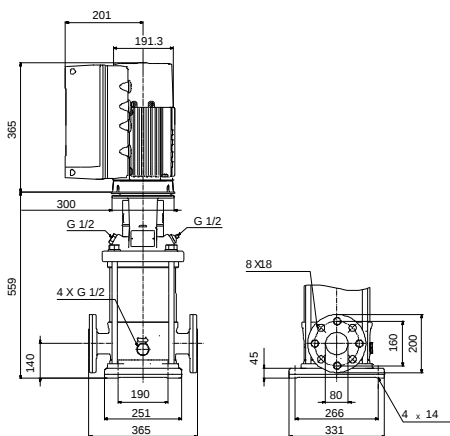
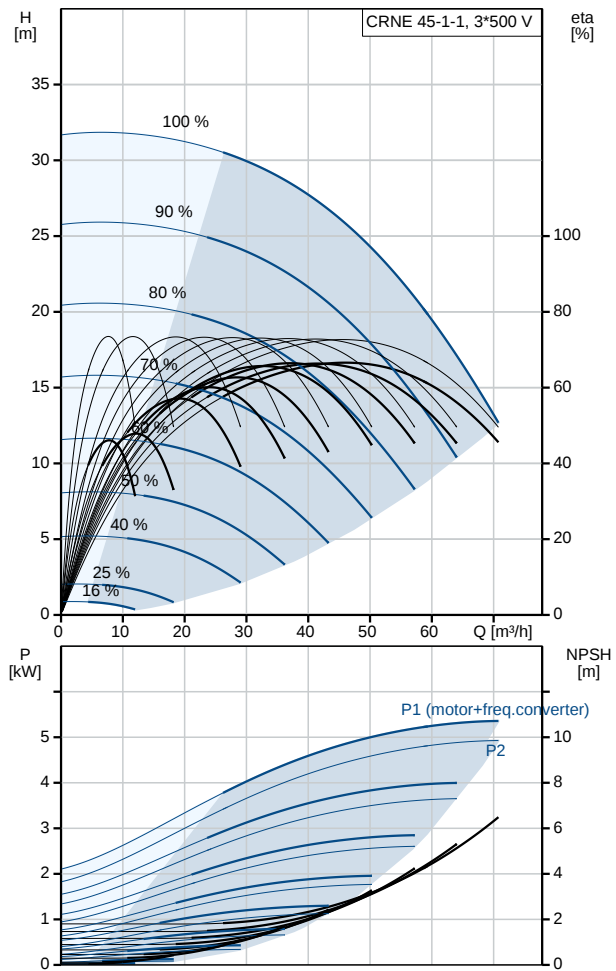
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99072029 CRNE 45-1-1 50 Hz

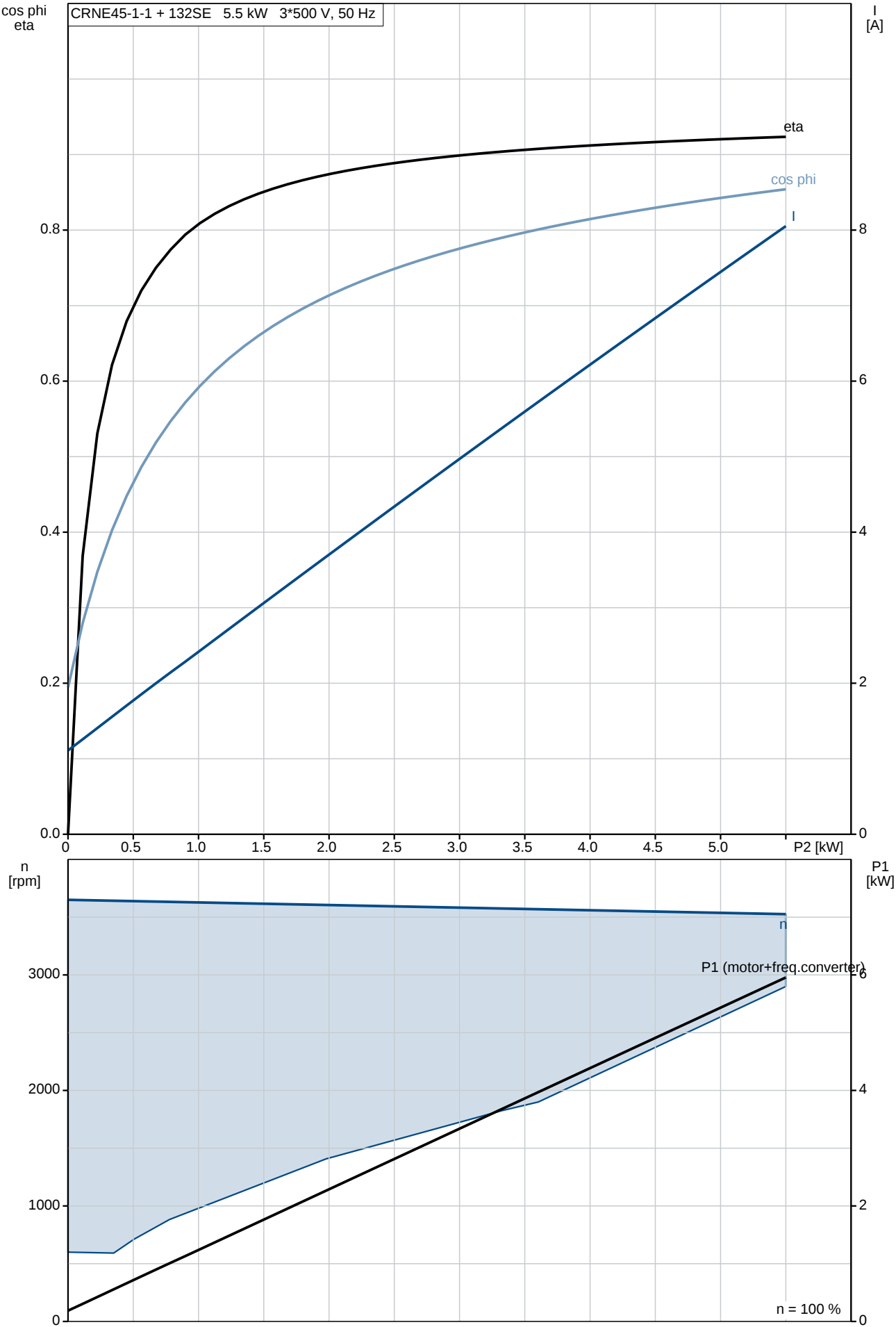


Description	Value
General information:	
Product name:	CRNE 45-1-1 A-F-G-E-HQQE
Product No:	99072029
EAN number:	5712606203123
Technical:	
Speed for pump data:	3526 rpm
Rated flow:	54 m³/h
Rated head:	22.1 m
Stages:	1
Impellers:	1
Number of reduced-diameter impellers:	1
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals on nameplate:	CE, EAC, ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	B
Materials:	
Base:	Stainless steel EN 1.4408 AISI 316
Impeller:	Stainless steel EN 1.4401 AISI 316
Material code:	G
Code for rubber:	E
Bearing:	SIC
Support bearing:	Graflon
Installation:	
Maximum ambient temperature:	50 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C 16 bar / -40 °C
Type of connection:	DIN
Connect code:	F
Size of inlet connection:	DN 80
Size of outlet connection:	DN 80
Pressure rating for pipe connection:	PN 40
Flange size for motor:	FF265
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-40 .. 120 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	132SE
IE Efficiency class:	IE5
Rated power - P2:	5.5 kW
Power (P2) required by pump:	5.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-500 V
Rated current:	10,3-8,20 A
Cos phi - power factor:	0,92-0,88
Rated speed:	360-4000 rpm
Efficiency:	92,7%
Motor efficiency at full load:	92.7 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protec:	YES

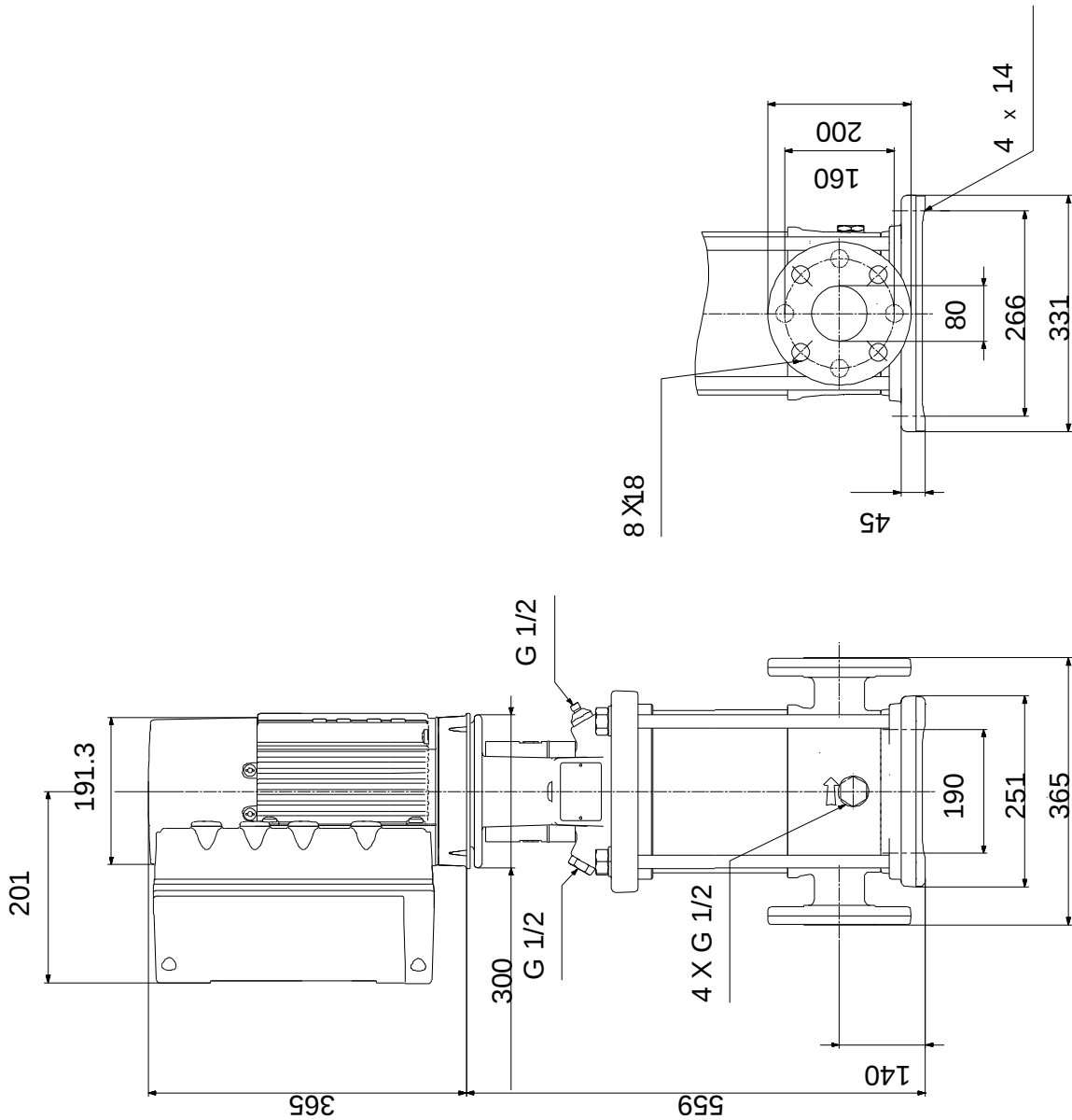


Description	Value
Motor No:	98971051
Controls:	
Control panel:	Standard
Function Module:	FM300 - Advanced
Frequency converter:	Built-in
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.7
Net weight:	96.2 kg
Gross weight:	119 kg
Shipping volume:	0.309 m ³
Danish VVS No.:	386021061

99072029 CRNE 45-1-1 50 Hz



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

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*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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