

CRNE20-03 AN-FGJ-G-E-HQQE 3x380-500 60 H

Grundfos Pump 99071766



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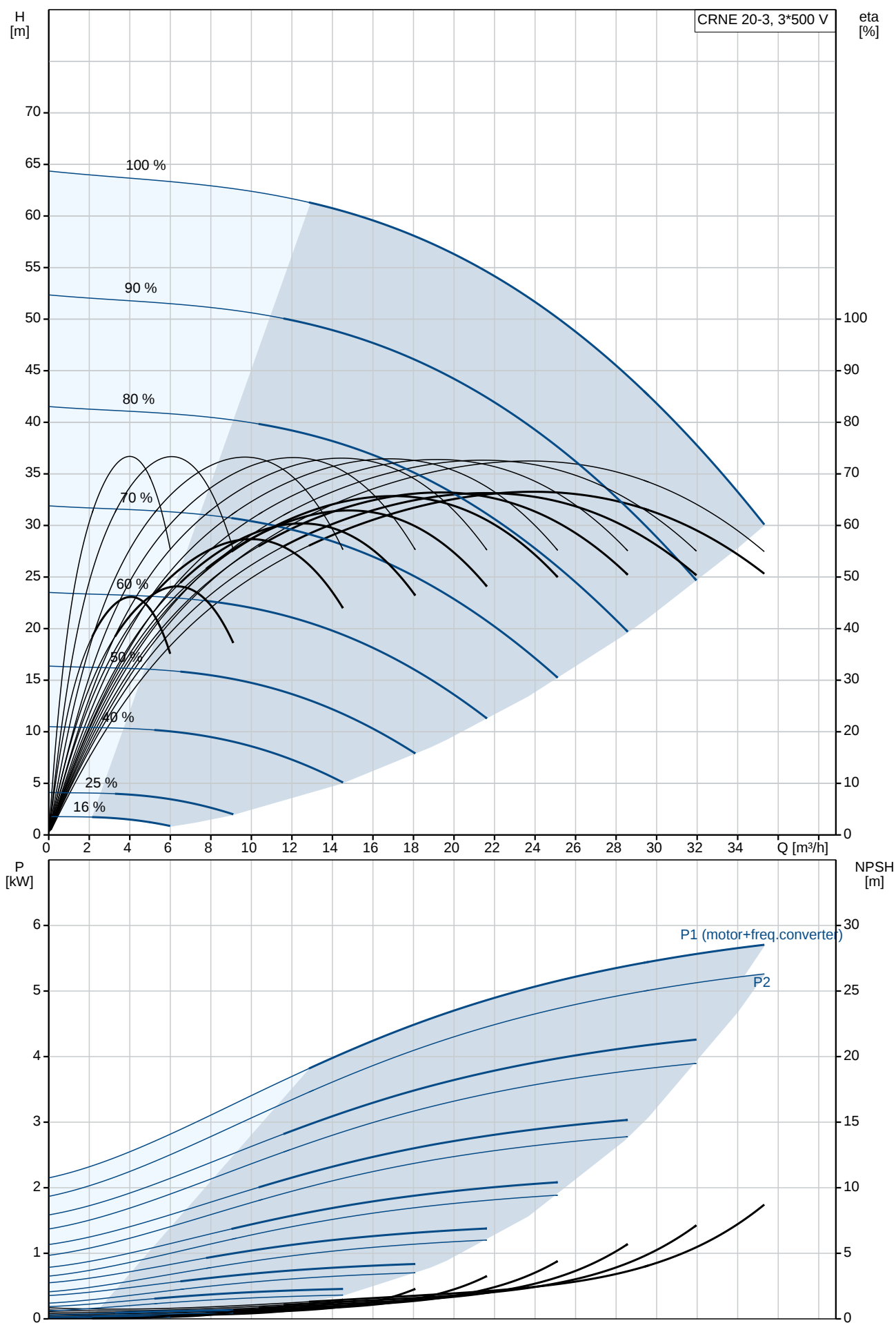
<https://www.lenntech.com/grundfos/CRNE20/99071766/CRNE-20-3-AN-FGJ-G-E-HQQE.html>

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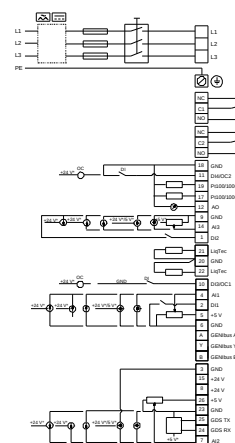
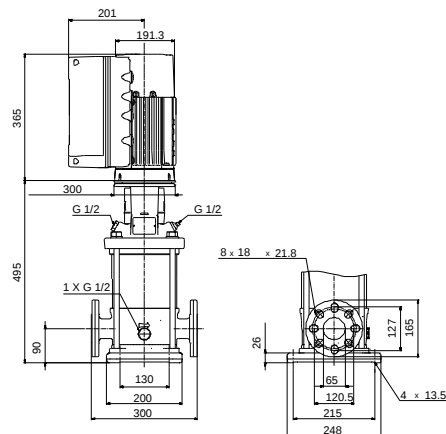
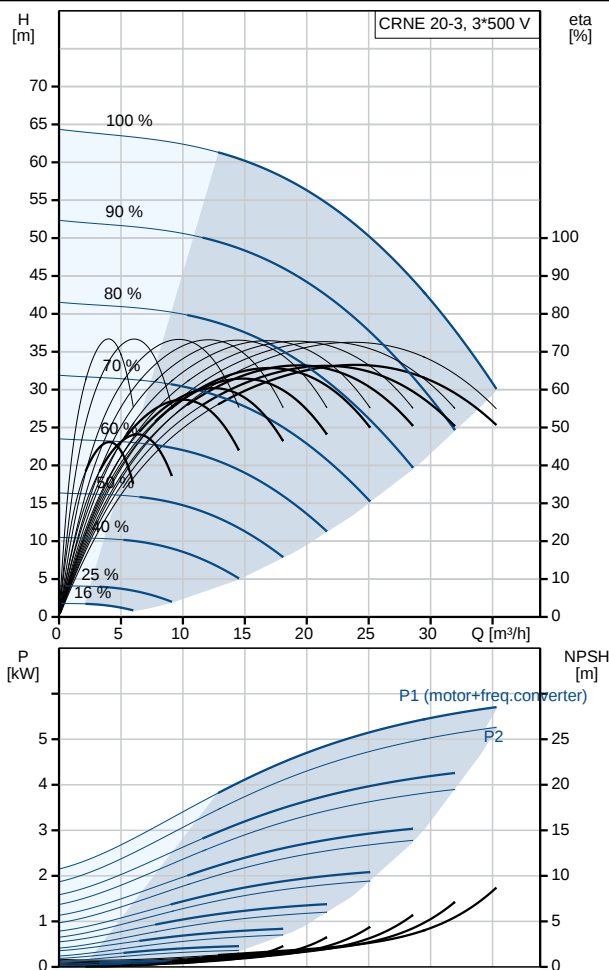
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99071766 CRNE 20-3 50 Hz

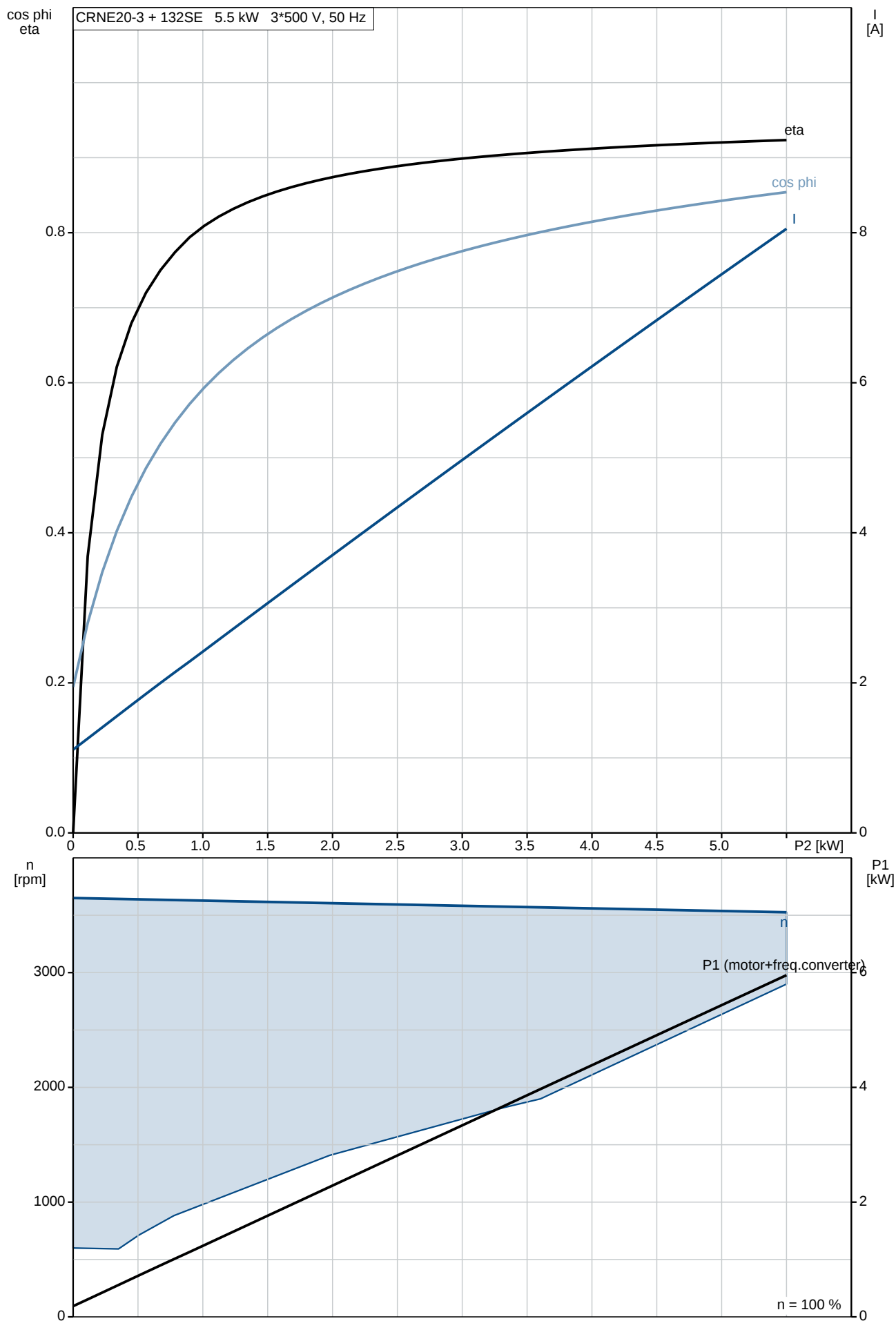


Description	Value
General information:	
Product name:	CRNE 20-3
Product No:	AN-FGJ-G-E-HQQE
EAN number:	99071766
	5712606197514
Technical:	
Speed for pump data:	3526 rpm
Rated flow:	25.3 m³/h
Rated head:	49.8 m
Stages:	3
Impellers:	3
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals on nameplate:	CE, EAC, ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	AN
Model:	A
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
Installation:	
Maximum ambient temperature:	50 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 120 °C
	25 bar / -20 °C
Type of connection:	DIN / ANSI / JIS
Connect code:	FGJ
Size of inlet connection:	DN 50
	2 inch
Size of outlet connection:	DN 50
	2 inch
Pressure rating for pipe connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	FF265
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 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:	Y
Others:	
Minimum efficiency index, MEI ≥:	0.7
Net weight:	80 kg
Gross weight:	108 kg
Shipping volume:	0.37 m ³

99071766 CRNE 20-3 50 Hz



Technical drawing of a mechanical assembly, showing dimensions in millimeters (mm).

Side View Dimensions:

- Overall width: 365
- Motor housing width: 191.3
- Motor housing height: 201
- Base width: 300
- Base height: 300
- Base connection: G 1/2
- Motor connection: G 1/2
- Motor mounting: 1 X G 1/2

Top View Dimensions:

- Overall diameter: 215
- Central hole diameter: 65
- Inner diameter: 120.5
- Outer diameter: 127
- Flange thickness: 165
- Flange connection: 4 x 13.5
- Flange diameter: 248
- Flange height: 26
- Flange connection: 8 x 18 x 21.8

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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.*

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