CNP 南方泵业	Product Information CDME20-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/30
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

Part NO.	1100185985
Product Picture: (Note: Images may not be the same as the product)	Note
	CDM(F)E series vertical multi-stage intelligent variable frequency pump is a vertical multi-stage centrifugal pump equipped with intelligent variable frequency controller, which can realize constant pressure, constant temperature, constant pressure difference and other intelligent control functions by connecting pressure or temperature sensors.

Nameplate parameters

Flow	20 m³/h
Head	143 m
Unit Eta	72 %
Speed	2900 rpm
Number of stages	12

Technology

Pump rotator speed	2900
Nameplate standards	CE
Pump version	1

Material

Material Code	P

Installation

Connection Code	F
Maximum Pressure/Temperature (high temperature)	24 bar / 120 °C
Maximum Pressure/Temperature (low temperature)	24 bar / -15 °C
Flange Standard	DIN
Pressure Class	PN25
Inlet & outlet	DN50

Medium

Medium Temperature normal temperature	-15°C+70°C
Medium Temperature high temperature	-15°C+120°C
Maximum Environment Temperature	40°C
Expolded view	CDME exploded view

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	15KW
Power Frequency(Hz)	50Hz
Rated Voltage (V)	380V
Rated Current (A)	27.9A
Energy Efficiency Level	IE3

The manufacturer may change the dimensions and specifications without notice.

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Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

Seal

Mechanical Seal	CDLA-16/S2B1F14

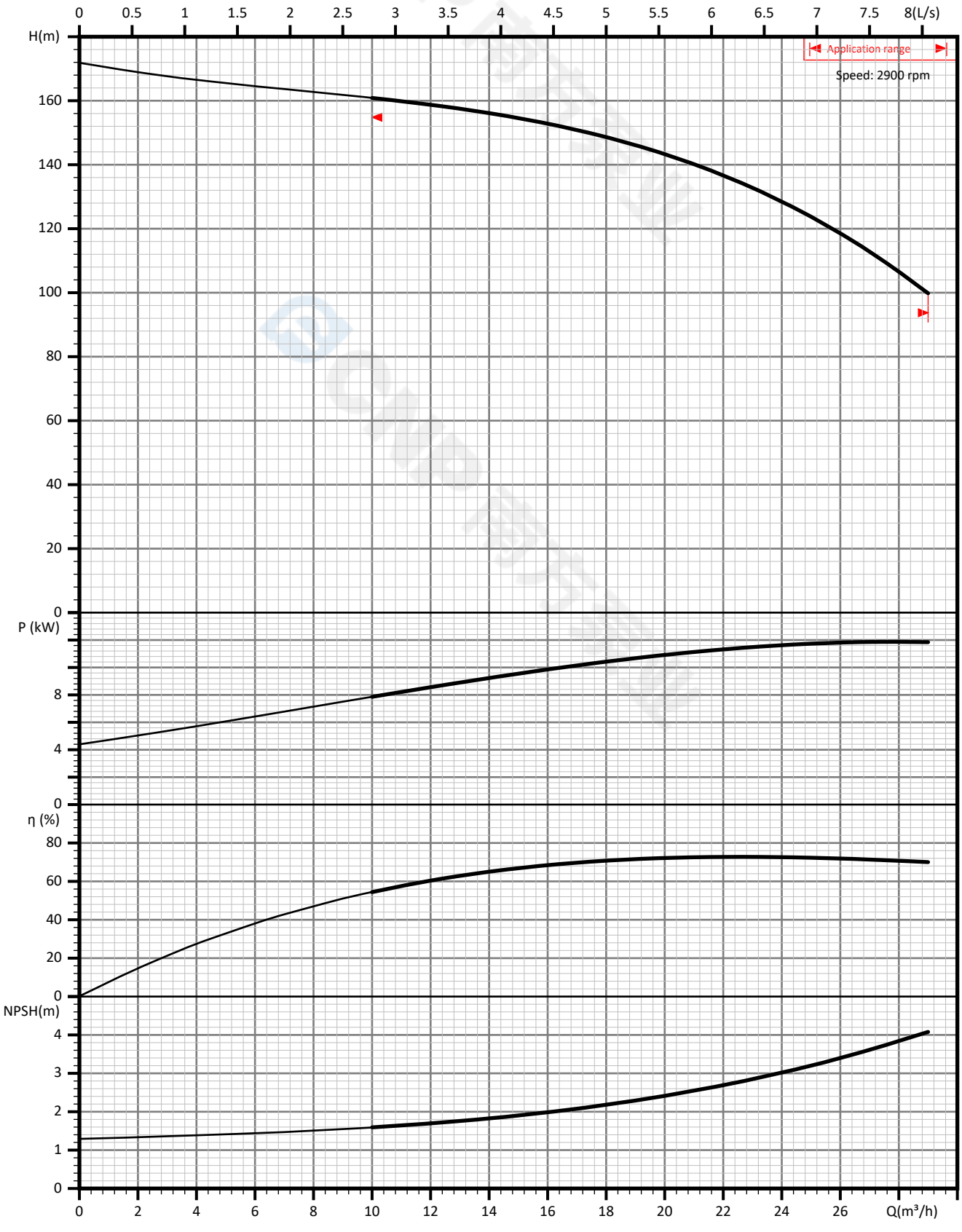
Others

Weight (kg)	196

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CNP 南方泵业	Performance Curve CDME20-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/30
Project Name		Client Name	
		Client Addr.	
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		Contact	

The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar at mospherical pressure.
IS099062012 Grade 3B



The manufacturer may change the dimensions and specifications without notice.

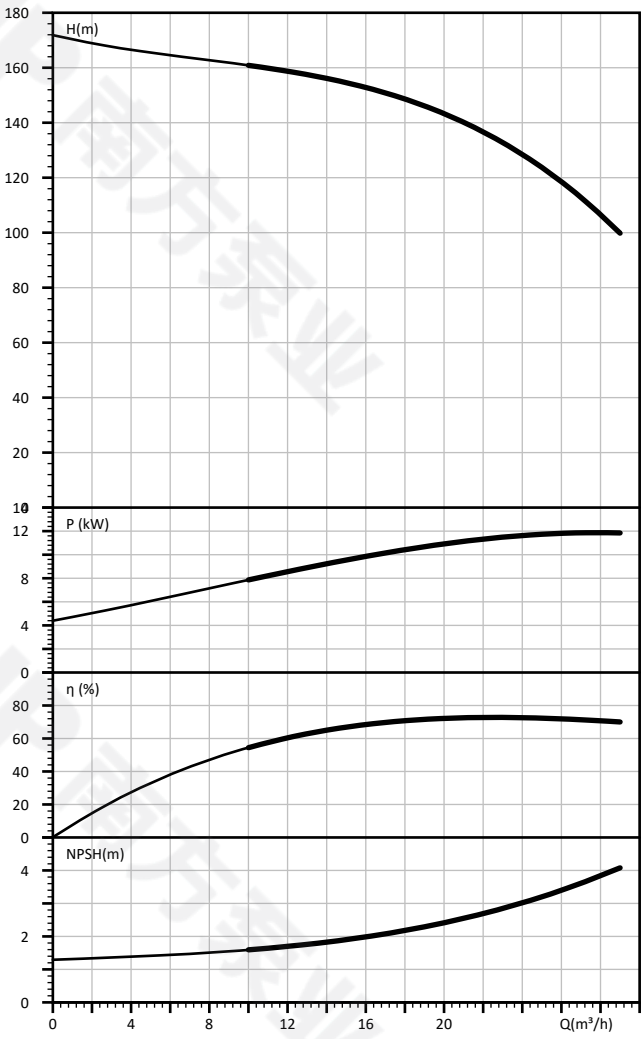
CNP 南方泵业	Pump Technical Parameters CDME20-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/30
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

Rated parameters

Pump model	CDME20-12
Part NO.	1100185985
Rated flow	20 m³/h
Rated head	143 m
Rated Unit Eta	72 %
Rated Input Power	10.8 kW
NPSHr	2.5 m
Speed	2900 rpm
Max impeller diameter	105.5 mm

Medium

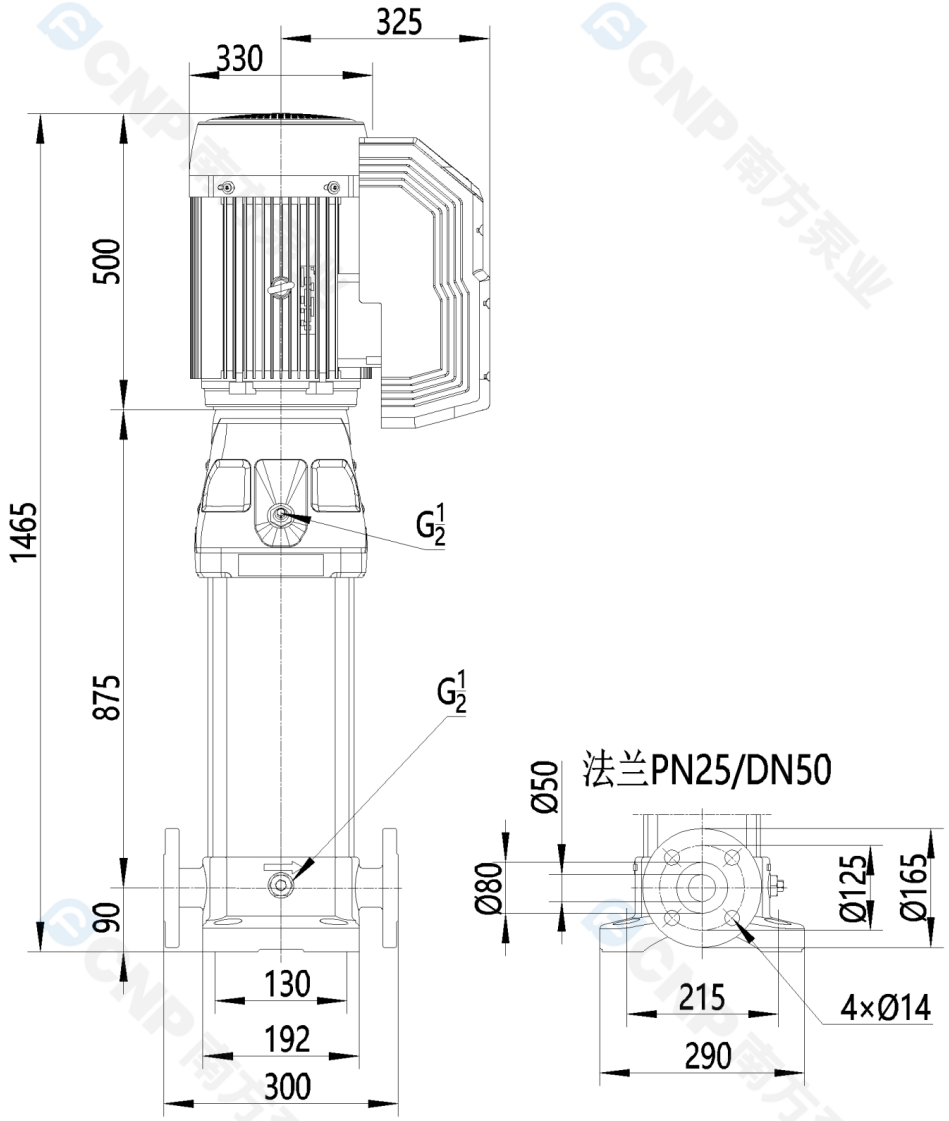
Pumped medium	water
Working temperature	20 °C
Medium density	1000 kg/m³
Viscosity	1 mm²/s



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Dimension Drawing CDME20-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/30
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

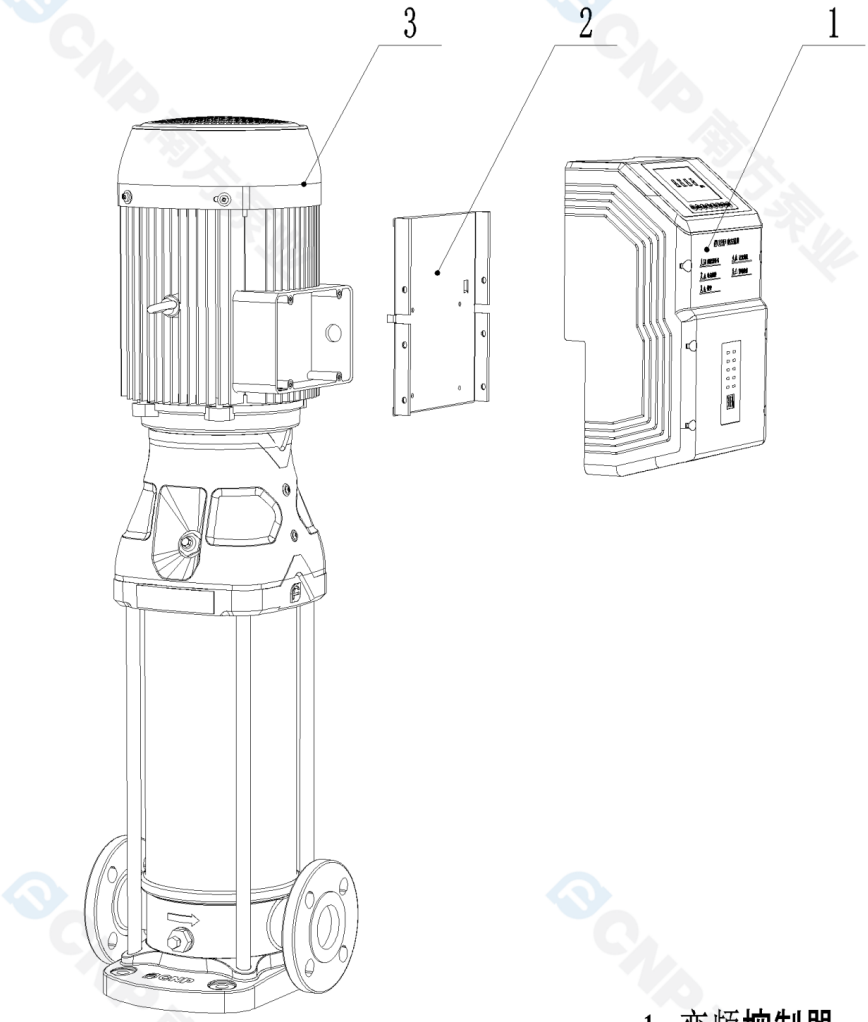
CDME20-12



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Expolded view CDME20-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/30
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

CDME 爆炸图



1、变频控制器
2、连接板
3、CDM/CDMF 泵

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Physical picture CDME20-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/30
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Order Data CDME20-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/30
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

Pump model	CDME20-12
Part NO.	1100185985
Product price	
Quantity	1
Total price	

Inquiry notes