CNP 南方泵业	Product Information CDME42-1-1	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	Yash
		Contact	

Part NO.	1100186181
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	42 m³/h
Head	16 m
Unit Eta	69.8 %
Speed	2900 rpm

Technology

Pump rotator speed	2900
Nameplate standards	CE
Pump version	2

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	PN25-40
Inlet & outlet	DN80

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)	3KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	6.0A
Energy Efficiency Level	IE3

The manufacturer may change the dimensions and specifications without notice.

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		Address	Hangzhou, Zhejiang, China
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		Date	2026/09/30
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Yash
		Contact	

Seal

Mechanical Seal	CDLA-22/S2B1F14

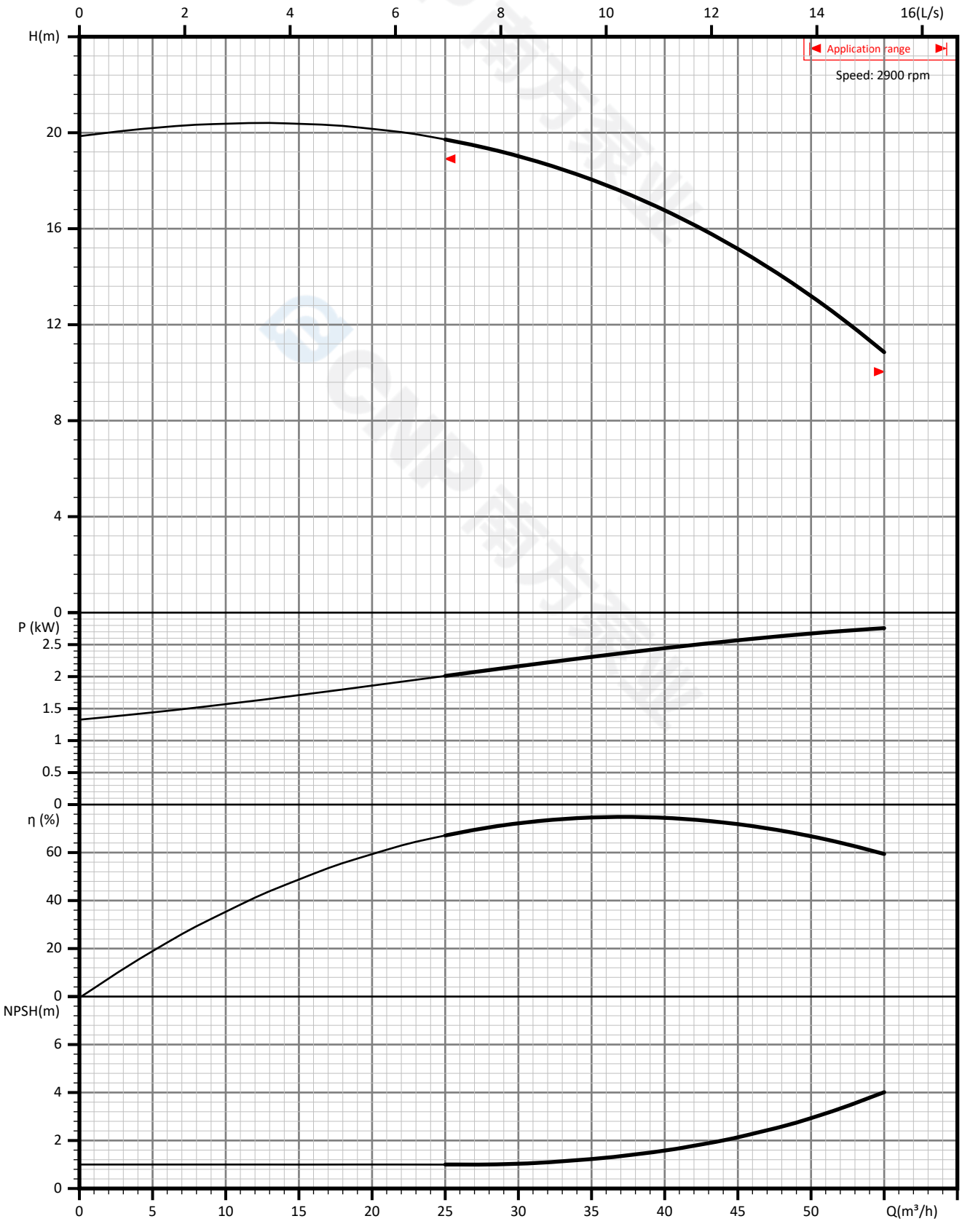
Others

Weight (kg)	87

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Performance Curve CDME42-1-1	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	Yash
		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

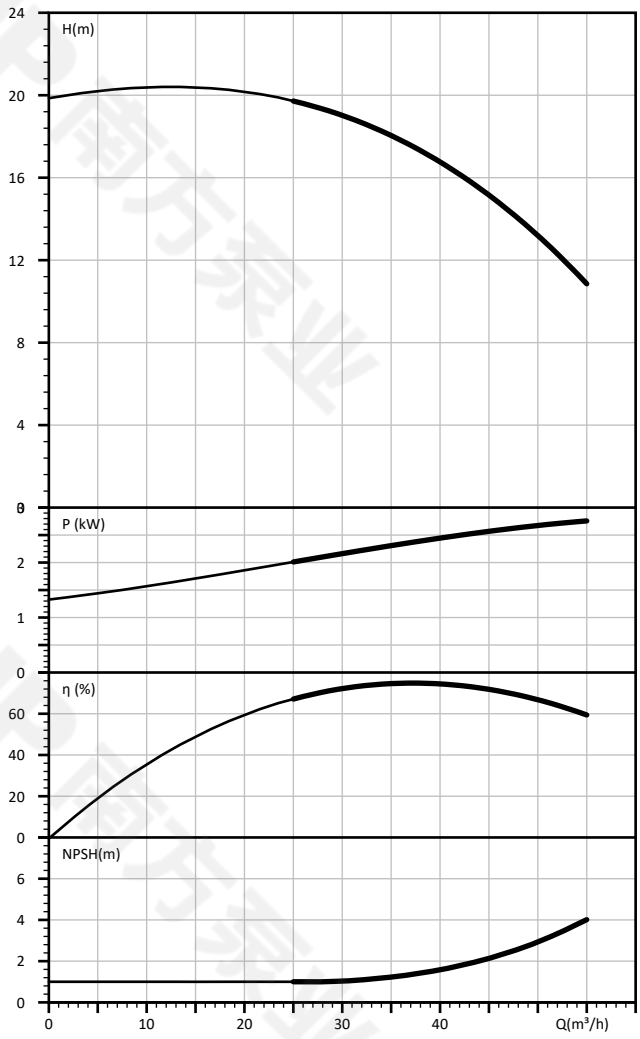


The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Pump Technical Parameters CDME42-1-1	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	Yash
		Contact	

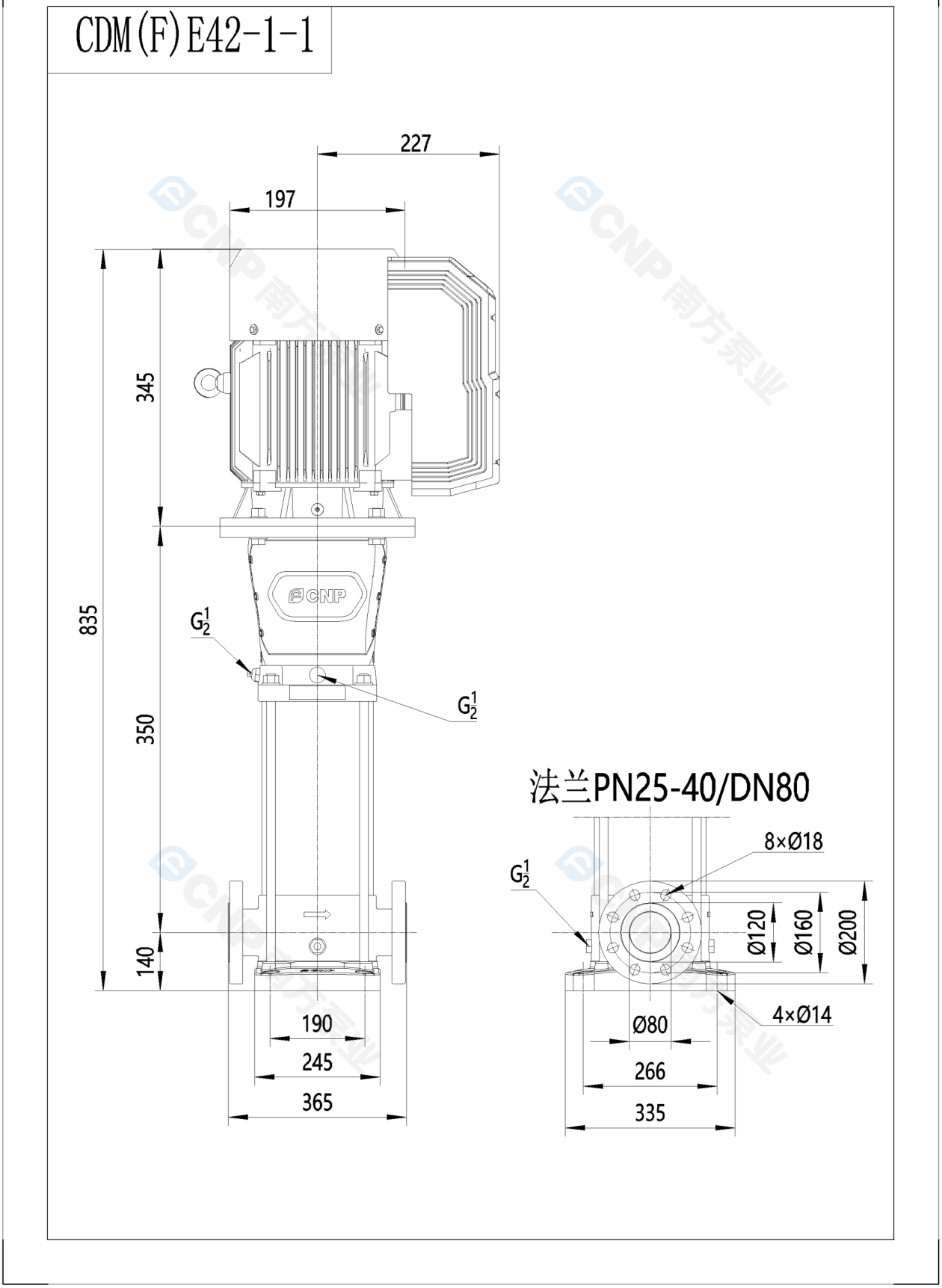
Rated parameters	
Pump model	CDME42-1-1
Part NO.	1100186181
Rated flow	42 m³/h
Rated head	16 m
Rated Unit Eta	69.8 %
Rated Input Power	2.62 kW
NPSHr	2 m
Speed	2900 rpm
Max impeller diameter	136 mm

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.

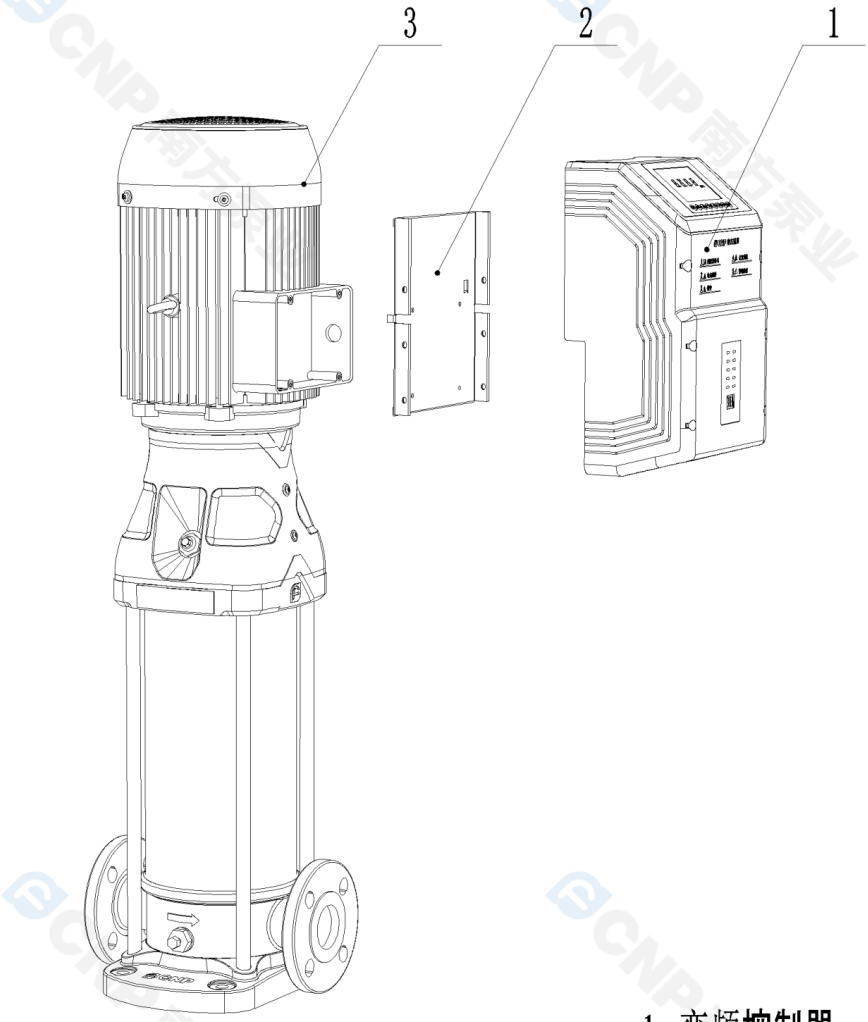
CNP 南方泵业	Dimension Drawing CDME42-1-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/30
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Yash
		Contact	



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CNP 南方泵业	Expolded view CDME42-1-1	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	Yash
		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 CDME42-1-1	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	Yash
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Order Data CDME42-1-1	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	Yash
		Contact	

Pump model	CDME42-1-1
Part NO.	1100186181
Product price	
Quantity	1
Total price	

Inquiry notes