

	Product Information CDM10-3	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Part NO.	1100090741
Product Picture: (Note: Images may not be the same as the product)	Note
	CDM/CDMF pumps are new generation, high efficiency, non-self-priming vertical multistage centrifugal pumps (Abbr. as pumps). It referred to European standard, adopted entirely new industrial design, efficiency achieved MEI≥0.7. It is energy saving, low noise, environment friendly, compact design, beautiful shape, light weight, easy for service, high reliability.

Nameplate parameters

Flow	10 m³/h
Head	25.5 m
Efficiency	72 %
Speed	2900 rpm
Number of stages	3

Technology

Pump rotator speed	2900
Nameplate standards	CE
Pump version	2

Material

Impeller	304
Rubber code	P
Inlet&outlet chamber	304
Material Code	S

Installation

Connection Code	F
Maximum Pressure/Temperature (high temperature)	25 bar / 120 °C
Maximum Pressure/Temperature (low temperature)	25 bar / -15 °C
Flange Standard	DIN
Pressure Class	PN25
Inlet & outlet	DN40

Medium

Medium Temperature normal temperature	-15°C+70°C
Medium Temperature high temperature	-15°C+120°C
Maximum Environment Temperature	40°C

Structure dimension

Model picture	F
Expolded view	CDMF10exploded view

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	1.1KW
Power Frequency(Hz)	50Hz
Rated Voltage (V)	220/380V
Rated Current (A)	4.2/2.4A
Energy Efficiency Level	IE3

Seal

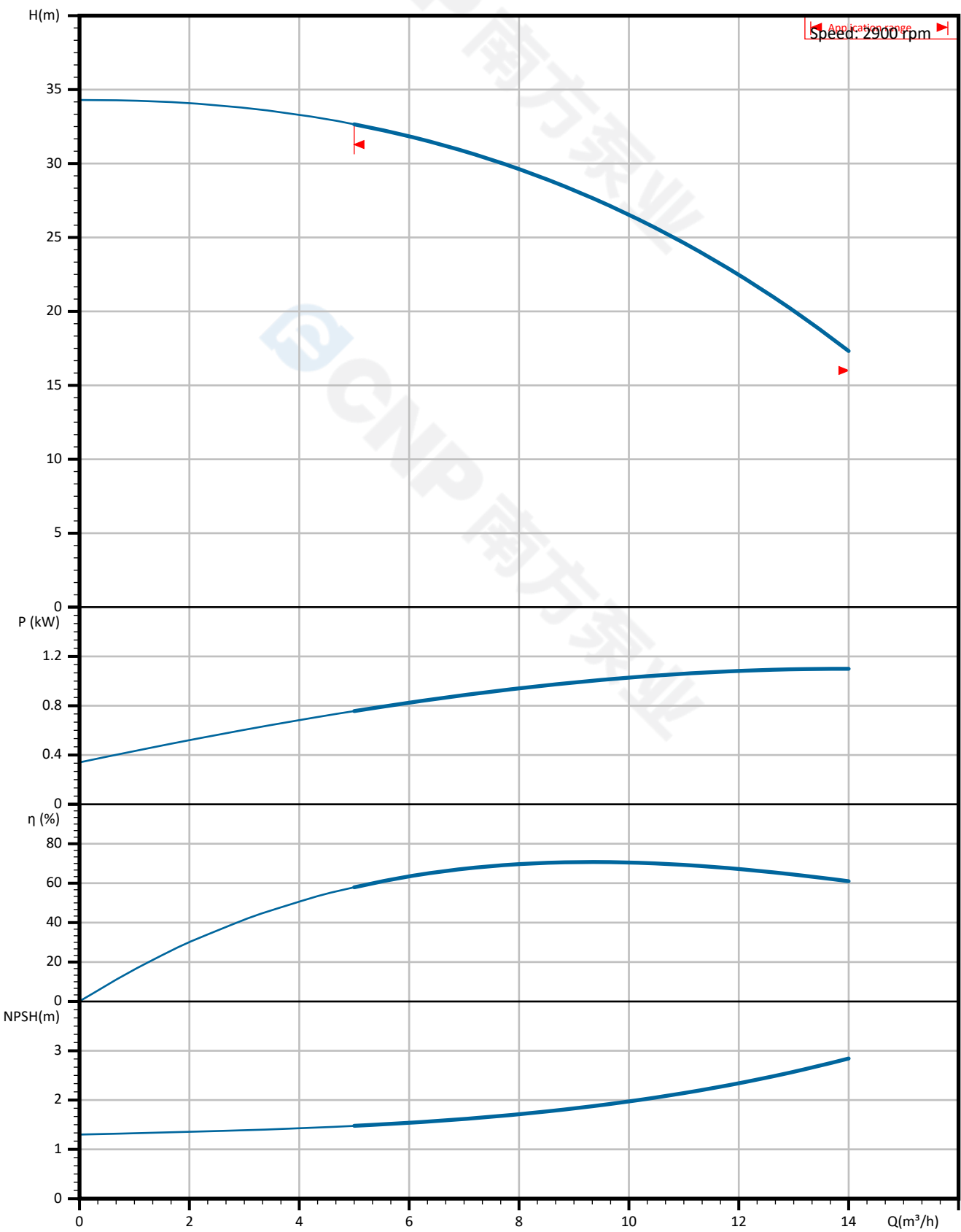
Mechanical Seal	CDLA-16/WB1F14
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Others

Weight (kg)	33
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	Performance Curve CDM10-3	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar atmospherical pressure. ISO99062012 Grade 3B



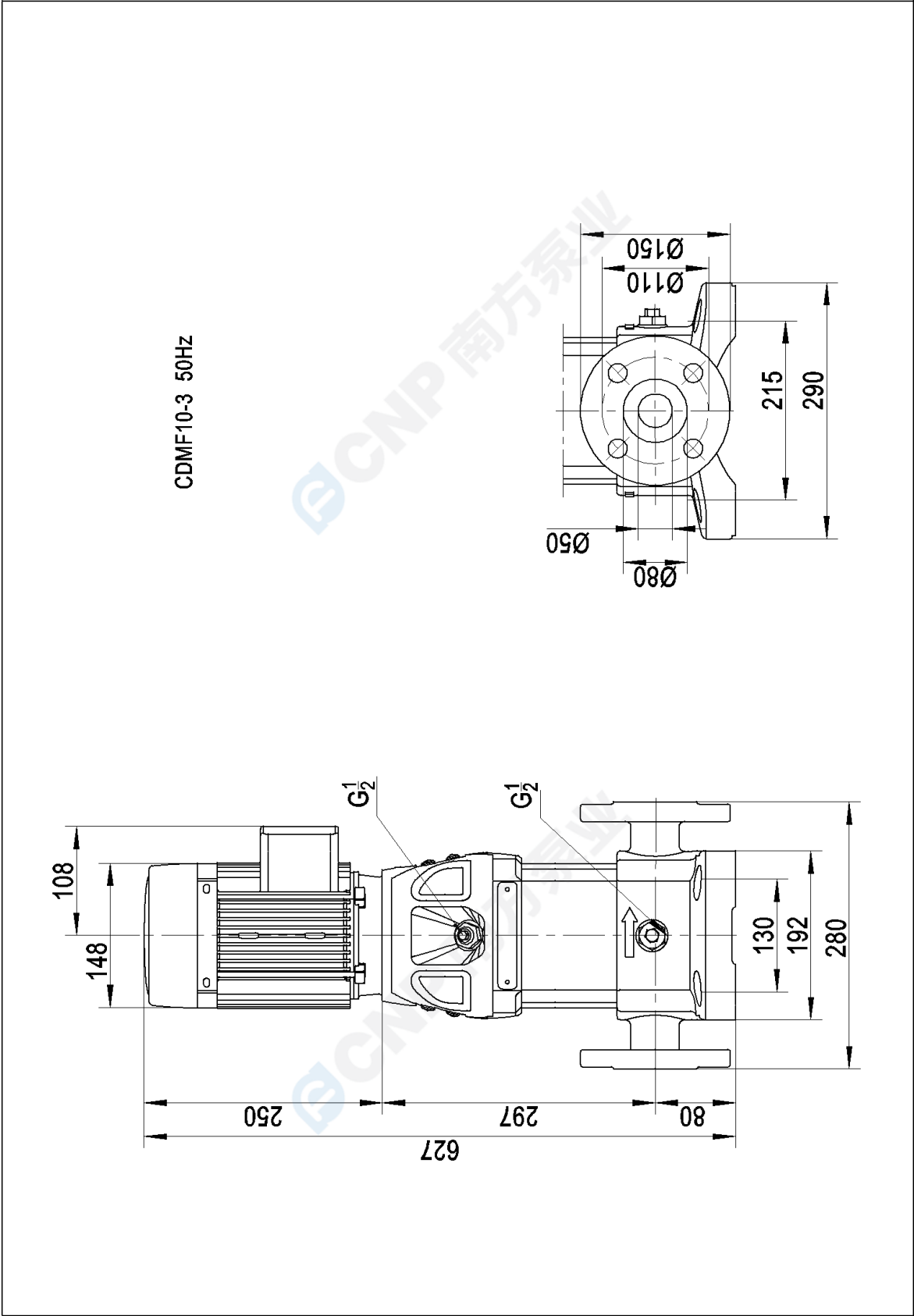
 CNP 南方泵业	Pump Technical Parameters CDM10-3	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM10-3
Part NO.	1100090741
Rated flow	10 m³/h
Rated head	25.5 m
Rated efficiency	72 (%)
Power (kW)	0.97 kW
NPSHr (m)	2
Speed (rpm)	2900
Max impeller diameter (mm)	100
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

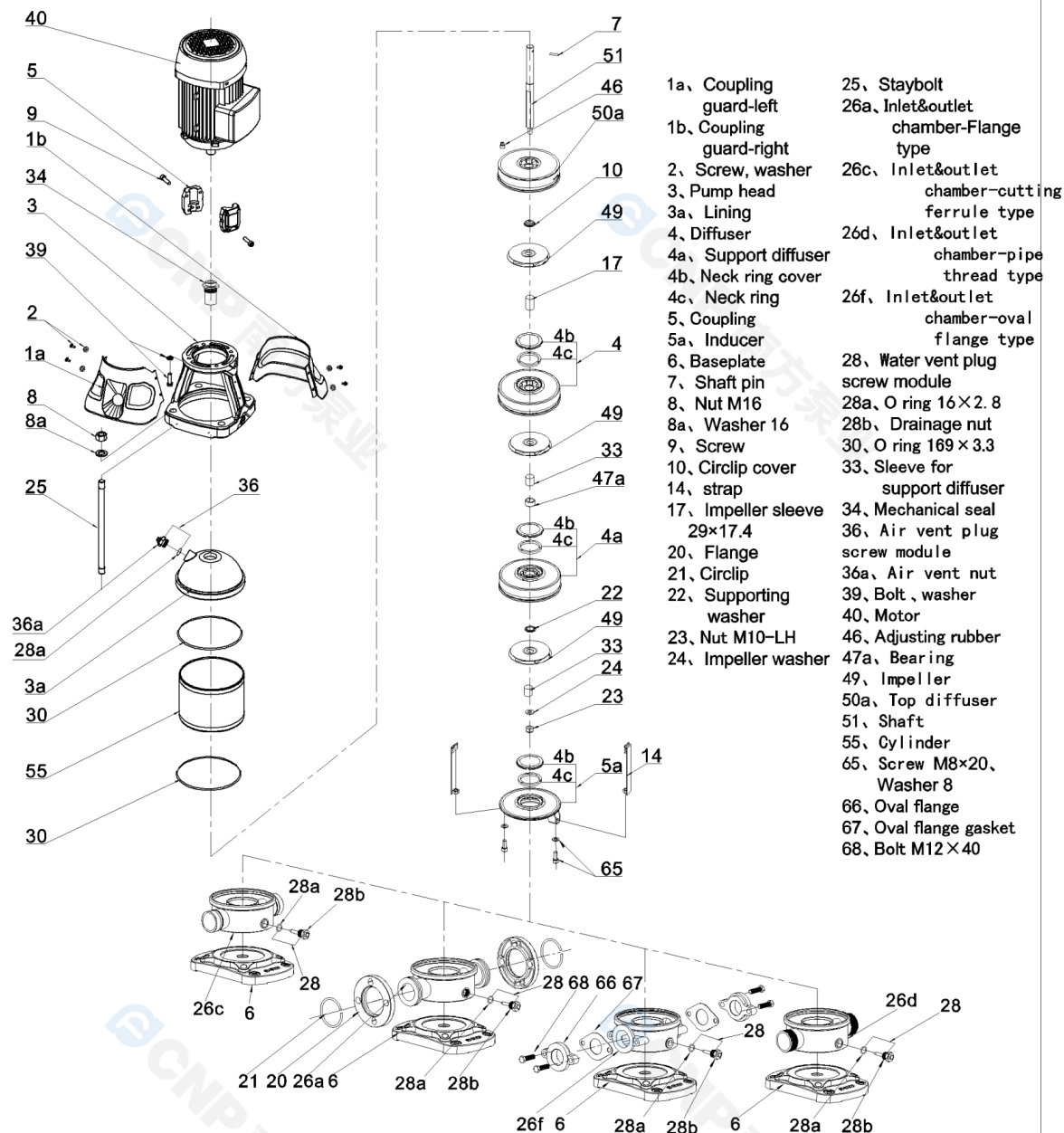
The figure displays four performance graphs for the CDM10-3 pump, plotted against flow rate (Q) in m³/h. The x-axis for all graphs ranges from 0 to 14 m³/h, with major ticks every 4 units and minor ticks every 1 unit.

- Head (H) in meters:** The curve starts at approximately 34.5 m at 0 m³/h and decreases to about 17.5 m at 14 m³/h.
- Power (P) in kW:** The curve starts at approximately 0.35 kW at 0 m³/h and increases to about 1.1 kW at 14 m³/h.
- Efficiency (η) in %:** The curve starts at 0% at 0 m³/h, rises to a peak of approximately 72% at 10 m³/h, and then slightly decreases to about 62% at 14 m³/h.
- Required Net Positive Suction Head (NPSH) in meters:** The curve starts at approximately 1.2 m at 0 m³/h and increases to about 2.8 m at 14 m³/h.

 CNP 南方泵业	Dimension Drawing CDM10-3	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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	Explosed view CDM10-3	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
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Item NO		Client Addr.	
		Contacts	Wepko
		Contact	



Drawing 1-E CDMF10-240705

 CNP 南方泵业	Physical picture CDM10-3	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM10-3	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM10-3
Part NO. 1100090741
Product price
Quantity 1
Total price

Inquiry notes