

	Product Information CDM20-3	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	
		Contact	

Part NO.	1100090779		
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	20 m³/h
Head	35 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	DN50

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	CDMF15,20exploded view

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	4KW
Power Frequency(Hz)	50Hz
Rated Voltage (V)	380V
Rated Current (A)	7.8A
Energy Efficiency Level	IE3

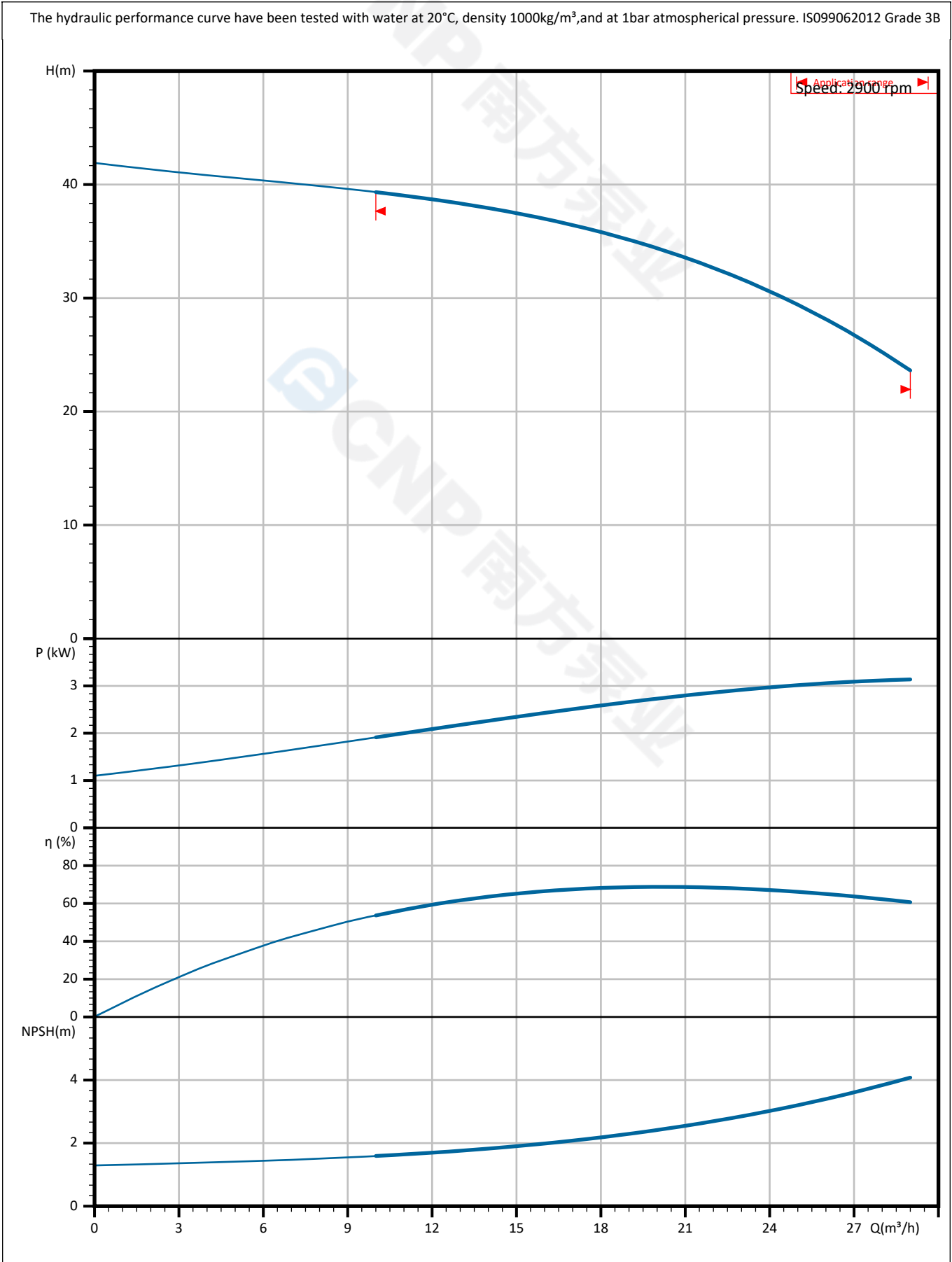
Seal

Mechanical Seal	CDLA-16/WB1F14
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Others

Weight (kg)	59
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	Performance Curve CDM20-3	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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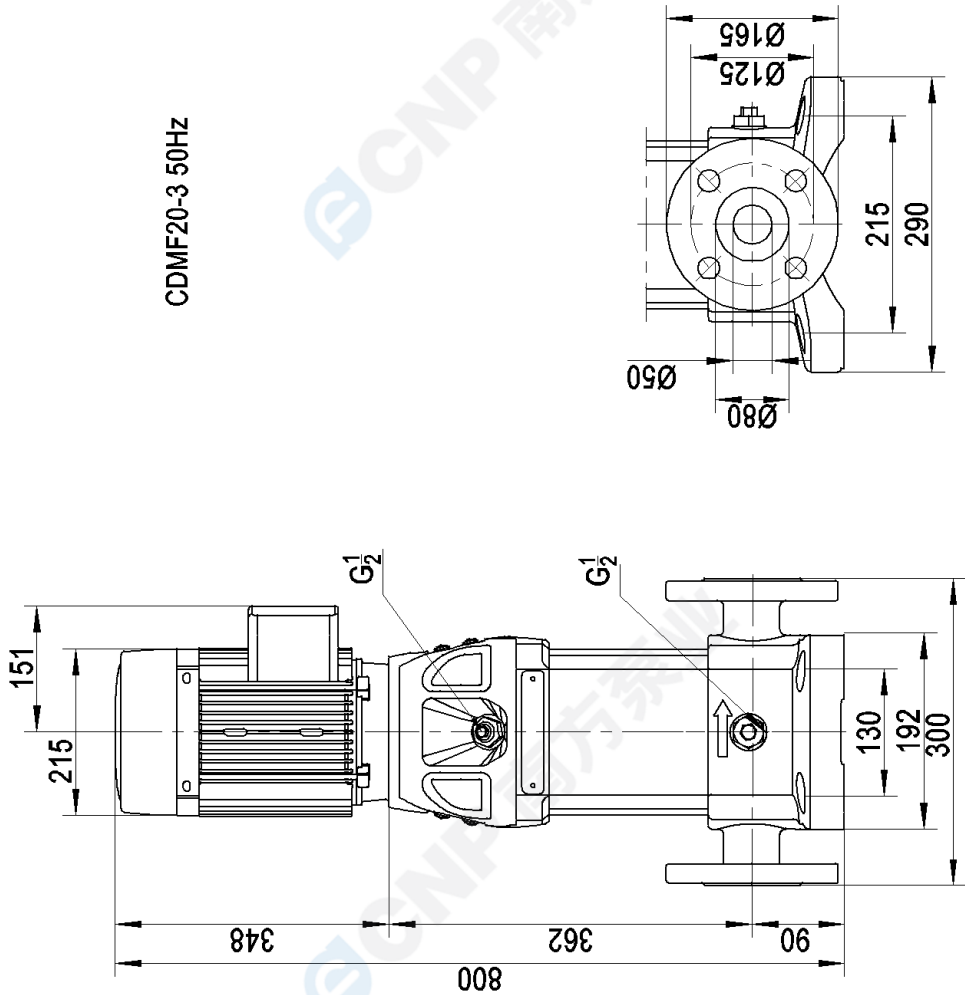
 CNP 南方泵业	Pump Technical Parameters CDM20-3	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM20-3
Part NO.	1100090779
Rated flow	20 m³/h
Rated head	35 m
Rated efficiency	72 (%)
Power (kW)	2.61 kW
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	106
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

The figure displays four performance curves for the CDM20-3 pump, plotted against flow rate Q in m^3/h on the x-axis (0 to 24). The y-axes represent Head H (m), Power P (kW), Efficiency η (%), and Net Positive Suction Head NPSH (m).

- Head H (m):** The curve starts at approximately 42 m at $Q=0$ and decreases to about 24 m at $Q=24$.
- Power P (kW):** The curve starts at approximately 1.2 kW at $Q=0$ and increases to about 3.2 kW at $Q=24$.
- Efficiency η (%):** The curve starts at 0% at $Q=0$, peaks at approximately 72% around $Q=18$, and then slightly decreases to about 65% at $Q=24$.
- NPSH (m):** The curve starts at approximately 1.5 m at $Q=0$ and increases to about 4.2 m at $Q=24$.

 CNP 南方泵业	Dimension Drawing CDM20-3	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Physical picture CDM20-3	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM20-3	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM20-3
Part NO. 1100090779
Product price
Quantity 1
Total price

Inquiry notes