

 CNP 南方泵业	Product Information CDM15-1	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	Wepko
		Contact	

Part NO.	1100090760
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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 $MEI \geq 0.7$. It is energy saving, low noise, environment friendly, compact design, beautiful shape, light weight, easy for service, high reliability.

Nameplate parameters

Flow	15 m ³ /h
Head	11 m
Efficiency	71 %
Speed	2900 rpm

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
Explored view	CDMF15,20exploded view

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

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Motor

Rated Current (A) 4.2/2.4A
Energy Efficiency Level IE3

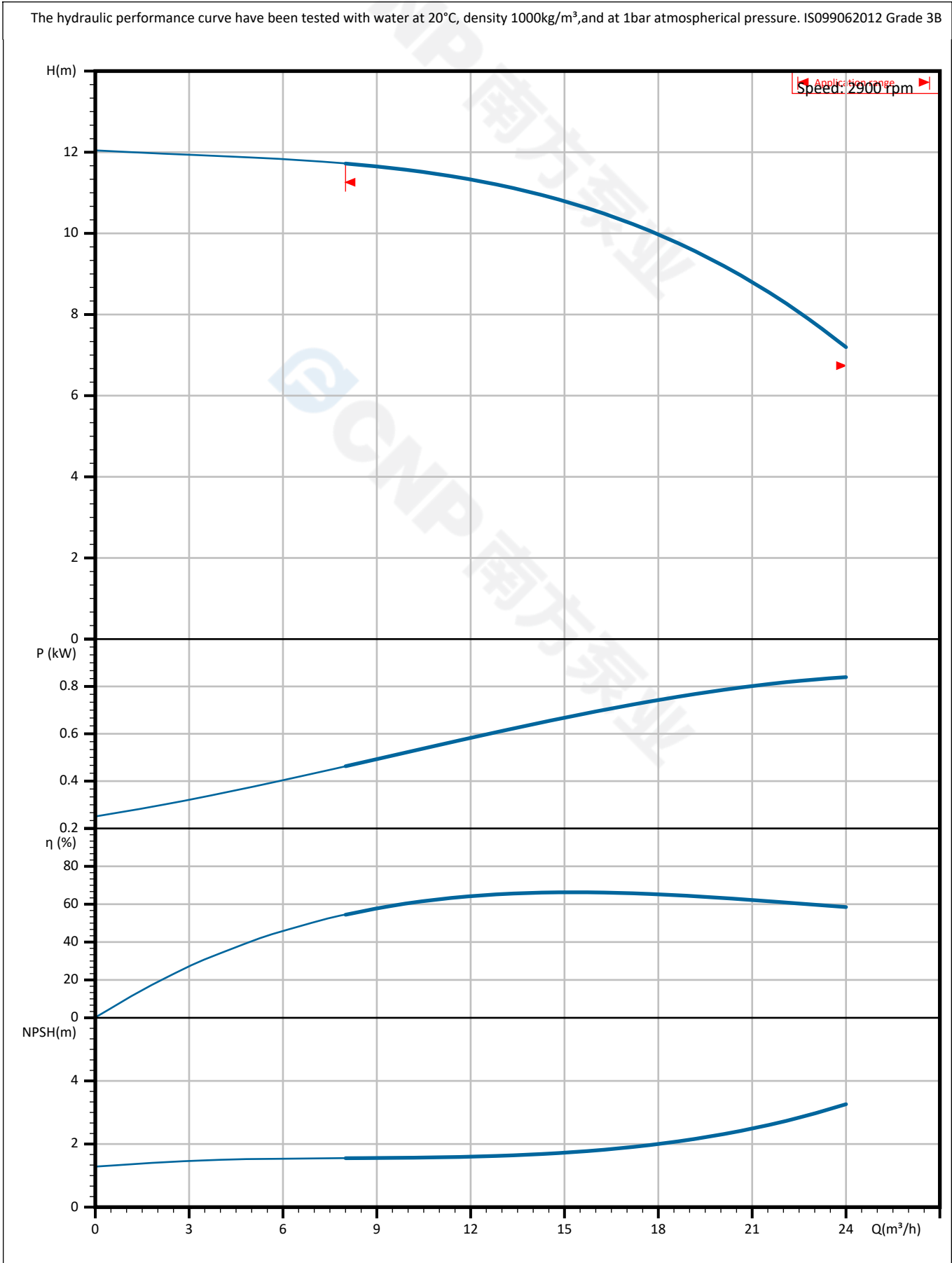
Seal

Mechanical Seal CDLA-16/WB1F14

Others

Weight (kg) 33

	Performance Curve CDM15-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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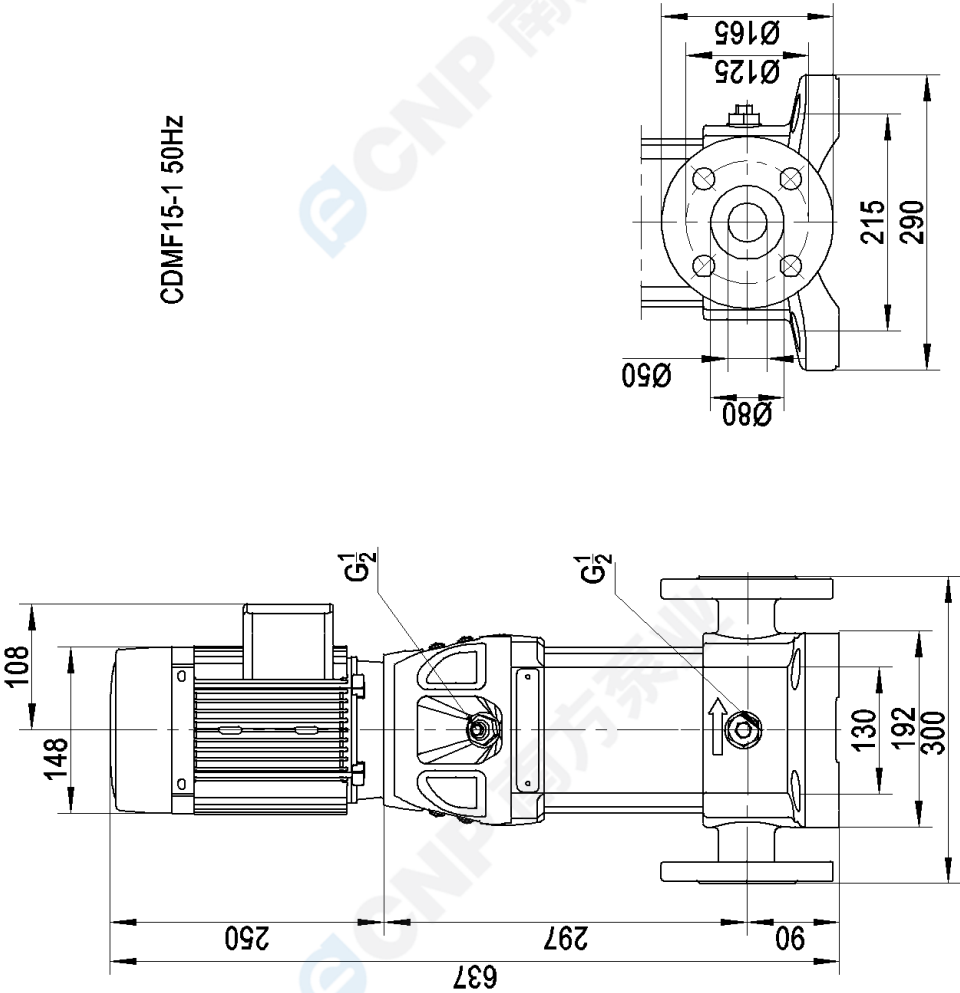
 CNP 南方泵业	Pump Technical Parameters CDM15-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM15-1
Part NO.	1100090760
Rated flow	15 m³/h
Rated head	11 m
Rated efficiency	71 (%)
Power (kW)	0.63 kW
NPSHr (m)	1.8
Speed (rpm)	2900
Max impeller diameter (mm)	105
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 CDM15-1 pump, plotted against the flow rate Q in m^3/h on the x-axis, which ranges from 0 to 24. The y-axes represent Head H in meters (0 to 14), Power P in kilowatts (0 to 0.8), Efficiency η in percent (0 to 80), and Net Positive Suction Head NPSH in meters (0 to 4). The Head curve starts at approximately 12.2 m at $Q=0$ and decreases to about 7.2 m at $Q=24$. The Power curve starts at approximately 0.25 kW at $Q=0$ and increases to about 0.85 kW at $Q=24$. The Efficiency curve starts at 0% at $Q=0$, rises to a peak of about 68% at $Q=18$, and then slightly decreases to about 60% at $Q=24$. The NPSH curve starts at approximately 1.2 m at $Q=0$ and increases to about 3.2 m at $Q=24$.

Q (m^3/h)	H (m)	P (kW)	η (%)	NPSH (m)
0	12.2	0.25	0	1.2
6	11.8	0.40	45	1.5
12	11.0	0.55	65	1.8
18	9.8	0.70	68	2.2
24	7.2	0.85	60	3.2

 CNP 南方泵业	Dimension Drawing CDM15-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Physical picture CDM15-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM15-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM15-1
Part NO. 1100090760
Product price
Quantity 1
Total price

Inquiry notes