

	Product Information CDM15-18	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.	1100101848
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	15 m³/h
Head	213 m
Efficiency	71 %
Speed	2900 rpm
Number of stages	18

Technology

Pump rotator speed	2900
Nameplate standards	CE
Pump version	2

Material

Impeller	304
Rubber code	P
Inlet&outlet chamber	HT200
Material Code	P

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	CDM15,20exploded view

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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

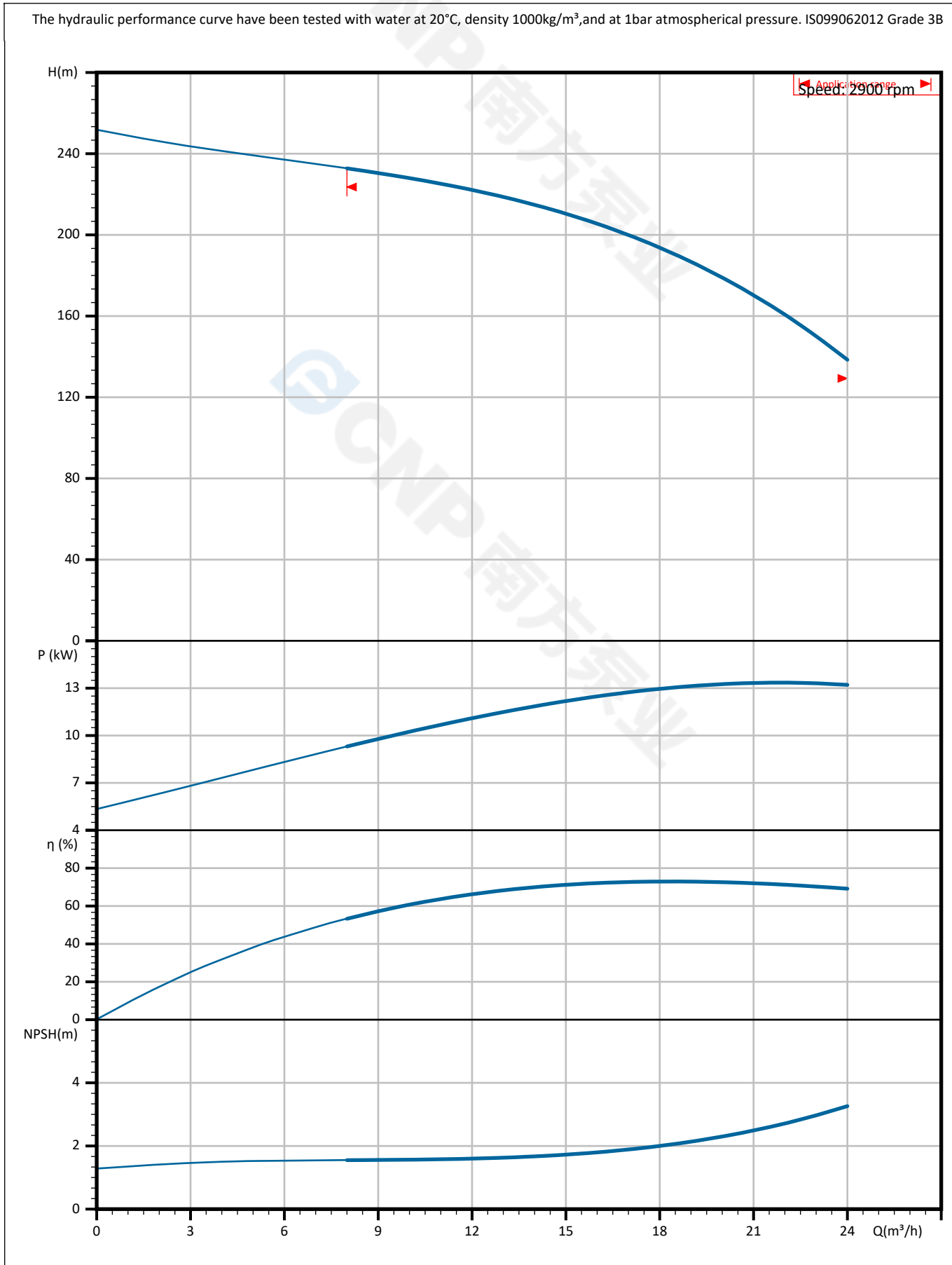
Seal

Mechanical Seal	CDLA-16/WB1F14
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Others

Weight (kg)	184
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 CNP 南方泵业	Performance Curve CDM15-18	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Pump Technical Parameters CDM15-18	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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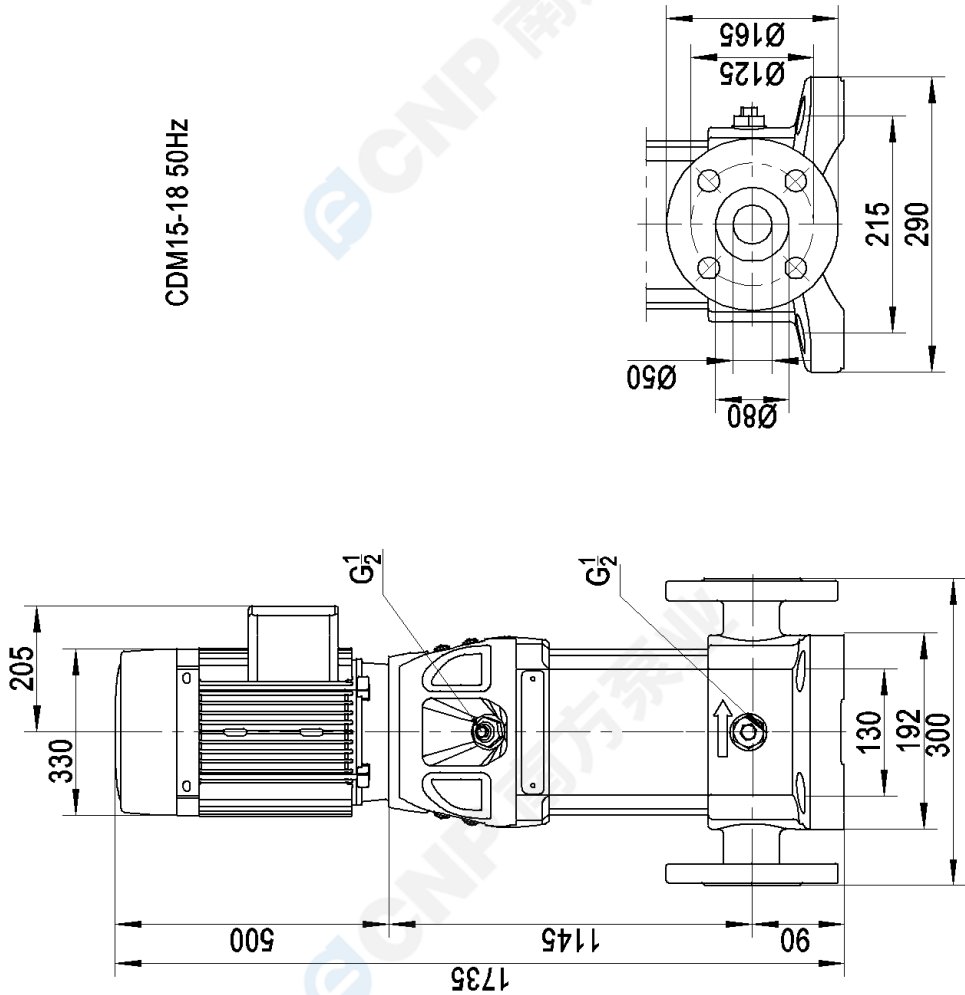
Rated parameters	
Pump model	CDM15-18
Part NO.	1100101848
Rated flow	15 m³/h
Rated head	213 m
Rated efficiency	71 (%)
Power (kW)	12.3 kW
NPSHr (m)	1.8
Speed (rpm)	2900
Max impeller diameter (mm)	105
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

The figure displays four performance curves for the CDM15-18 pump, plotted against flow rate Q in m³/h. The x-axis for all graphs ranges from 0 to 24 m³/h, with major grid lines every 6 units and minor grid lines every 2 units.

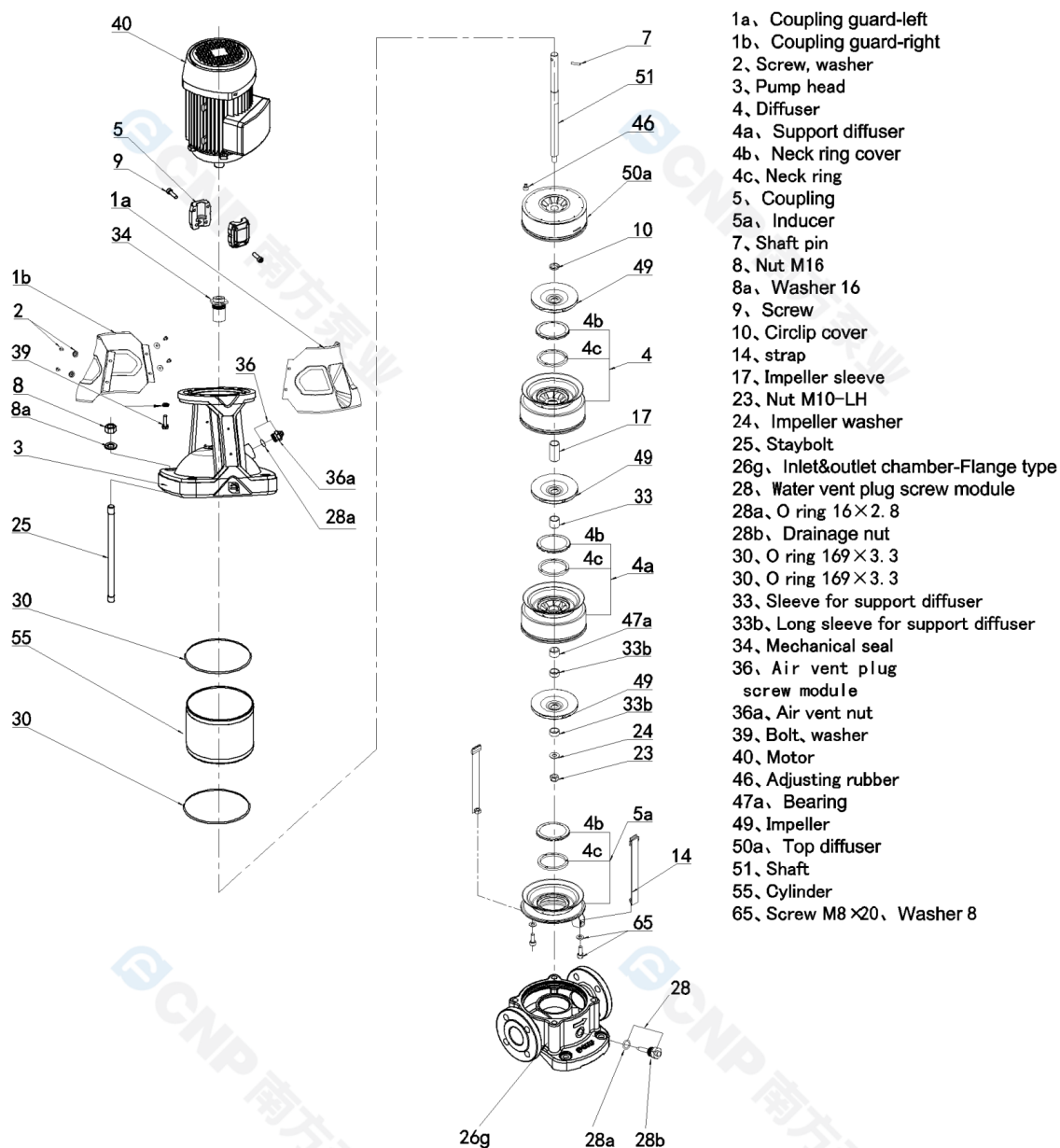
- Head H (m) vs Q (m³/h):** The head decreases as flow increases, starting at approximately 250 m at 0 m³/h and reaching about 140 m at 24 m³/h.
- Power P (kW) vs Q (m³/h):** The power increases with flow, starting at about 5.5 kW at 0 m³/h and peaking at approximately 13.5 kW around 20 m³/h.
- Efficiency η (%) vs Q (m³/h):** The efficiency increases with flow, starting at 0% at 0 m³/h and peaking at about 75% around 18 m³/h.
- NPSH (m) vs Q (m³/h):** The required NPSH increases with flow, starting at about 1.5 m at 0 m³/h and reaching approximately 3.5 m at 24 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)	NPSH (m)
0	250	5.5	0	1.5
6	235	8.5	45	1.6
12	215	11.5	65	1.7
18	190	13.0	75	2.0
24	140	13.5	72	3.5

 CNP 南方泵业	Dimension Drawing CDM15-18	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Explosed view CDM15-18	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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Drawing 1-H CDM15, 20-240703

 CNP 南方泵业	Physical picture CDM15-18	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM15-18	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM15-18
Part NO. 1100101848
Product price
Quantity 1
Total price

Inquiry notes