

	Product Information CDM10-16	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.	1100090754		
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	144 m
Efficiency	72 %
Speed	2900 rpm
Number of stages	16

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)	7.5KW
Power Frequency(Hz)	50Hz
Rated Voltage (V)	380V
Rated Current (A)	14.4A
Energy Efficiency Level	IE3

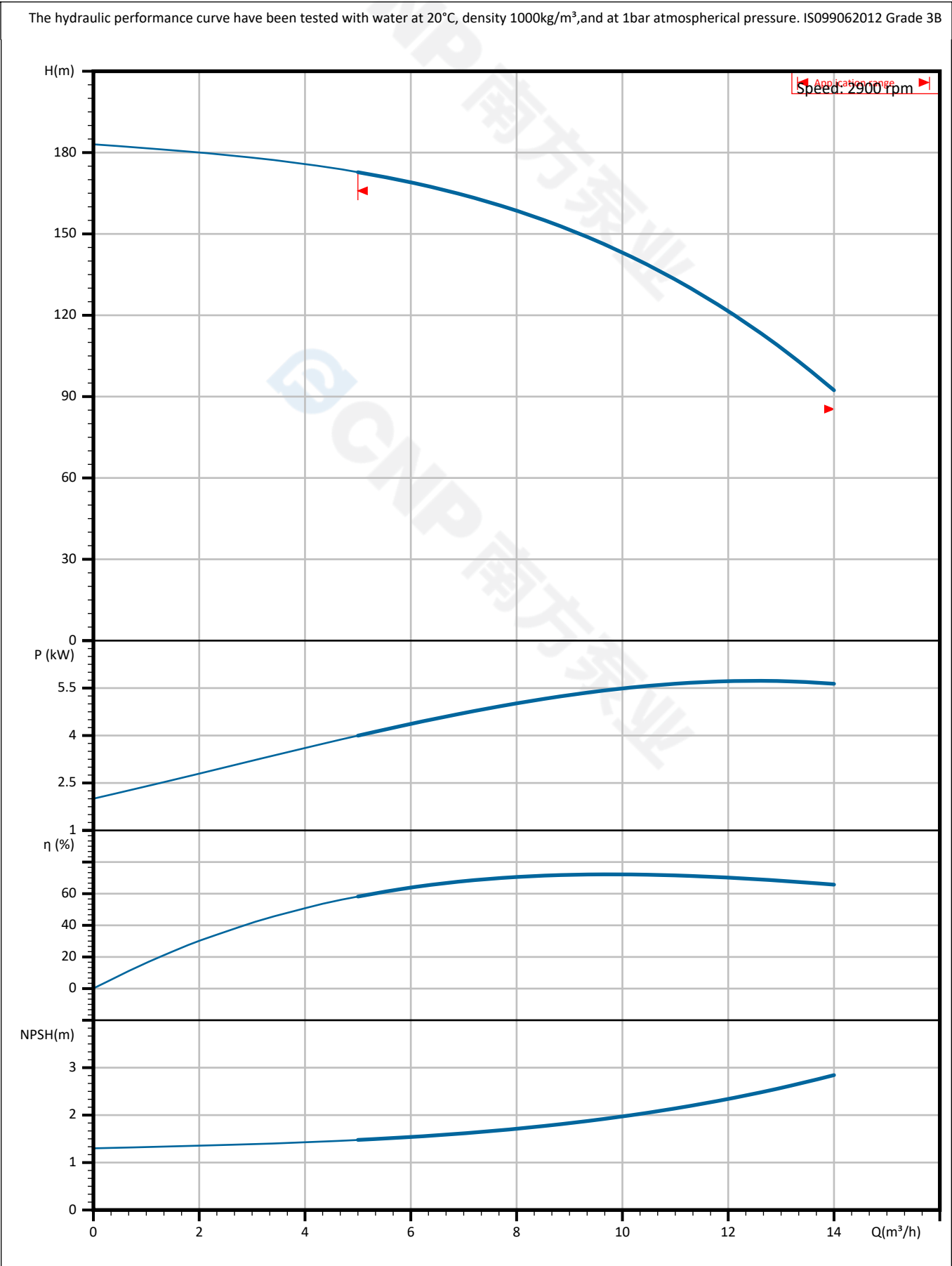
Seal

Mechanical Seal	CDLA-16/WB1F14
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Others

Weight (kg)	97
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	Performance Curve CDM10-16	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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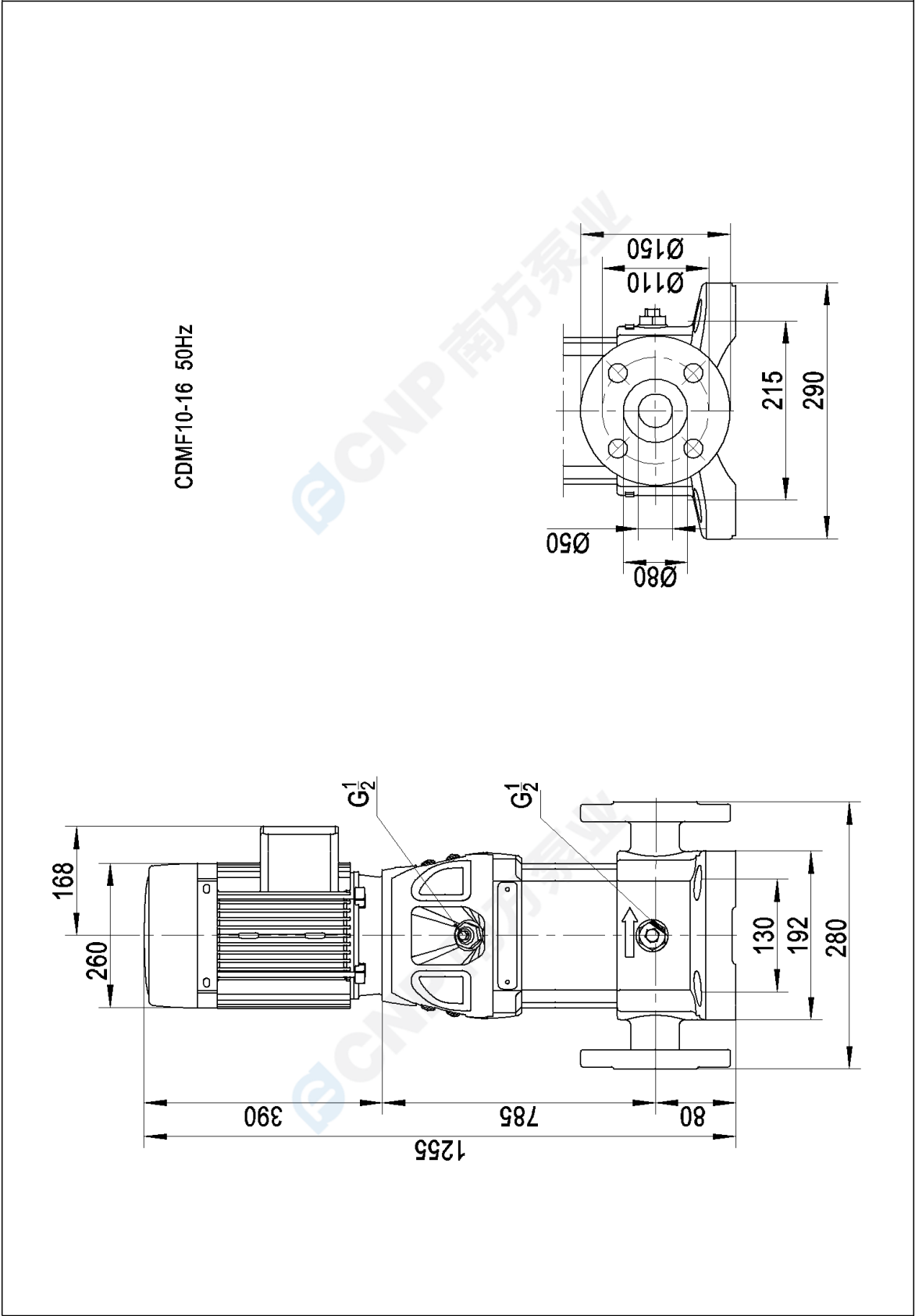
 CNP 南方泵业	Pump Technical Parameters CDM10-16	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM10-16
Part NO.	1100090754
Rated flow	10 m³/h
Rated head	144 m
Rated efficiency	72 (%)
Power (kW)	5.41 kW
NPSHr (m)	2
Speed (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 curves for the CDM10-16 pump against flow rate Q in m³/h. The top curve shows head H in meters, starting at approximately 185m at 0 m³/h and decreasing to about 90m at 14 m³/h. The second curve shows power P in kW, increasing from 2.5 kW to a peak of 5.5 kW at 12 m³/h. The third curve shows efficiency η in percent, rising from 20% to a peak of 65% at 10 m³/h. The bottom curve shows required NPSH in meters, increasing from 1.2m to 3.0m at 14 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)	NPSHr (m)
0	185	2.5	20	1.2
4	175	3.5	50	1.3
8	155	4.8	62	1.6
10	144	5.2	65	1.7
12	125	5.5	64	2.0
14	90	5.4	62	3.0

 CNP 南方泵业	Dimension Drawing CDM10-16	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Physical picture CDM10-16	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM10-16	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM10-16
Part NO. 1100090754
Product price
Quantity 1
Total price

Inquiry notes