

	Product Information CDM10-17	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.	1100091644
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	153 m
Efficiency	72 %
Speed	2900 rpm
Number of stages	17

Technology

Pump rotator speed	2900
Nameplate standards	CE
Pump version	2

Material

Impeller	316
Rubber code	E
Inlet&outlet chamber	316L
Material Code	L

Installation

Connection Code	K
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	K
Expolded view	CDMF10exploded view

 CNP 南方泵业	Product Information CDM10-17	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	

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

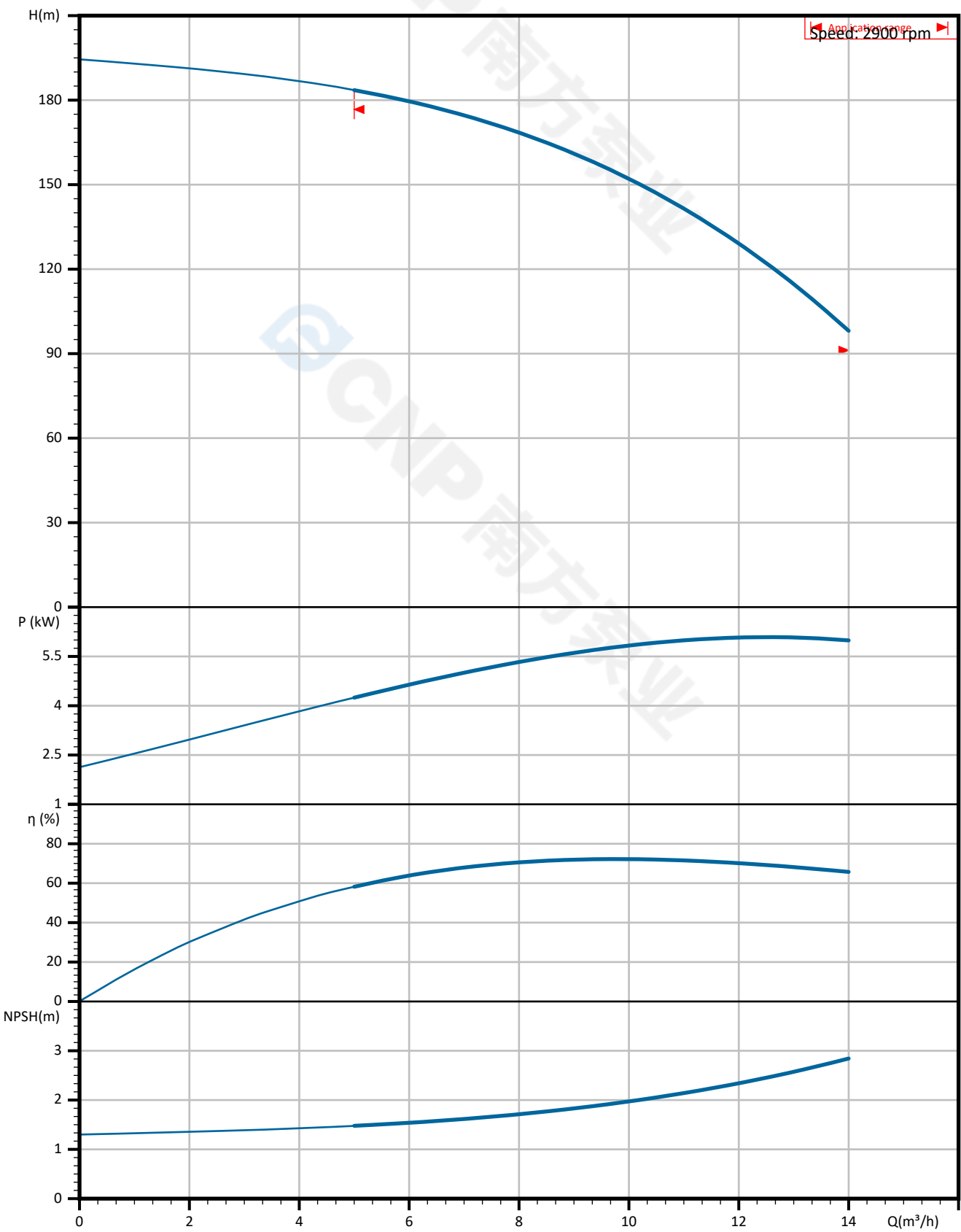
Mechanical Seal	CDLA-16/WB1F16
-----------------	----------------

Others

Weight (kg)	98
-------------	----

 CNP 南方泵业	Performance Curve CDM10-17	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Wepko
		Contact	

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 CDM10-17	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	

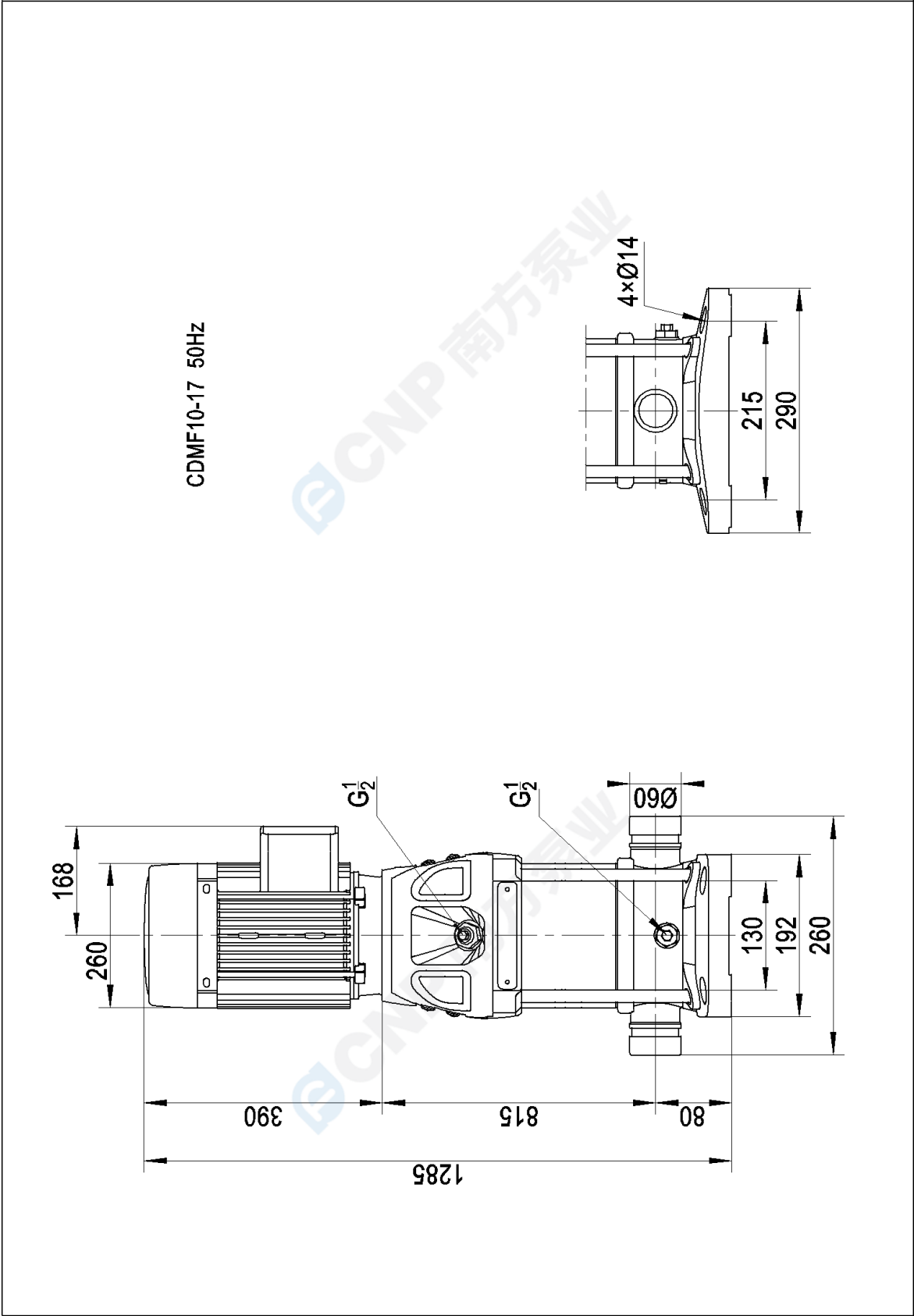
Rated parameters	
Pump model	CDM10-17
Part NO.	1100091644
Rated flow	10 m³/h
Rated head	153 m
Rated efficiency	72 (%)
Power (kW)	5.79 kW
NPSHr (m)	2
Speed (rpm)	2900
Max impeller diameter (mm)	100
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

The figure displays four performance curves for the CDM10-17 pump, plotted against flow rate (Q) in m³/h. The y-axes represent Head (H) in meters, Power (P) in kW, Efficiency (η) in %, and Net Positive Suction Head (NPSH) in meters. The x-axis for all graphs ranges from 0 to 15 m³/h, with major ticks at 0, 4, 8, and 12.

- Head (H) vs Flow (Q):** The head decreases from approximately 195 m at 0 m³/h to about 100 m at 15 m³/h.
- Power (P) vs Flow (Q):** The power increases from approximately 2.2 kW at 0 m³/h to about 5.8 kW at 15 m³/h.
- Efficiency (η) vs Flow (Q):** The efficiency starts at 0% at 0 m³/h, peaks at approximately 72% around 10 m³/h, and then slightly decreases to about 68% at 15 m³/h.
- NPSH vs Flow (Q):** The required NPSH increases from approximately 1.2 m at 0 m³/h to about 2.8 m at 15 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)	NPSH (m)
0	195	2.2	0	1.2
4	185	3.2	45	1.3
8	165	4.8	70	1.6
10	153	5.79	72	1.8
12	135	5.9	70	2.2
15	100	5.8	68	2.8

 CNP 南方泵业	Dimension Drawing CDM10-17	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Wepko
		Contact	



 CNP 南方泵业	Physical picture CDM10-17	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	



 CNP 南方泵业	Order Data CDM10-17	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	

Pump model CDM10-17
Part NO. 1100091644
Product price
Quantity 1
Total price

Inquiry notes