

	Product Information CDM1-36	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.	1100092229
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	1 m³/h
Head	203 m
Efficiency	41 %
Speed	2900 rpm
Number of stages	36

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	DN25

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
Explosed view	CDM1-3exploded view

 CNP 南方泵业	Product Information CDM1-36	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	

Motor

Number of Motor Phase	Three Phase
Protection Class	IP62
Insulation Class	F
Motor Power(kW)	2.2KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	220/380V
Rated Current (A)	7.9/4.6A
Energy Efficiency Level	IE3

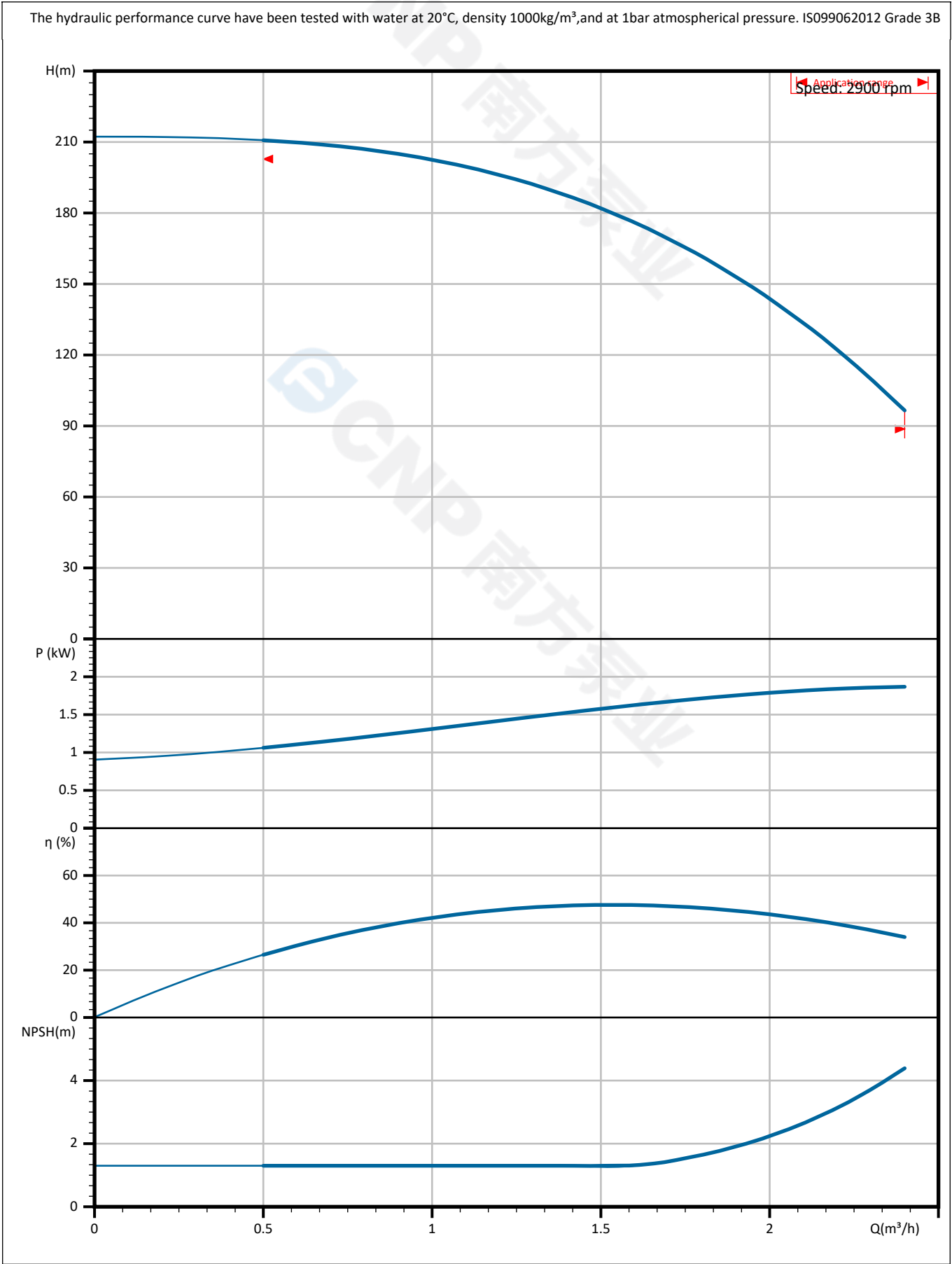
Seal

Mechanical Seal	CDLA-12/WB1F14
-----------------	----------------

Others

Weight (kg)	51
-------------	----

 CNP 南方泵业	Performance Curve CDM1-36	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	



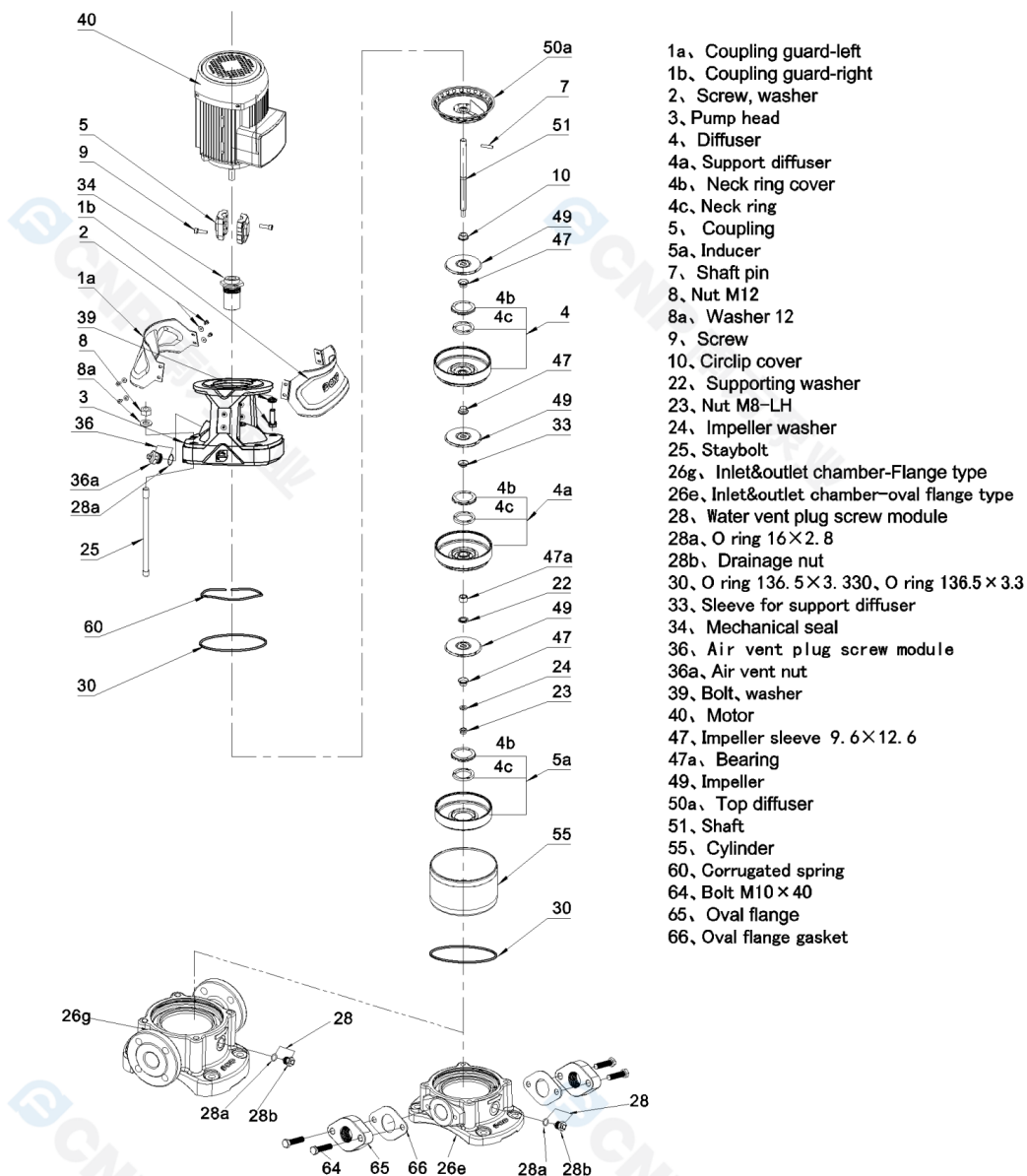
 CNP 南方泵业	Pump Technical Parameters CDM1-36	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Rated parameters	
Pump model	CDM1-36
Part NO.	1100092229
Rated flow	1 m³/h
Rated head	203 m
Rated efficiency	41 (%)
Power (kW)	1.31 kW
NPSHr (m)	1.3
Speed (rpm)	2900
Max impeller diameter (mm)	74.5
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 CDM1-36 pump, plotted against the flow rate (Q) in m³/h. The x-axis ranges from 0 to 2.0 m³/h with major ticks every 0.5 units. The y-axes are: Head (H) in meters (0 to 240), Power (P) in kW (0 to 2.8), Efficiency (η) in percent (0 to 60), and NPSH required (NPSHr) in meters (0 to 4). The Head curve starts at approximately 210 m at 0 m³/h and decreases to about 100 m at 2.0 m³/h. The Power curve starts at approximately 0.9 kW at 0 m³/h and increases to about 1.9 kW at 2.0 m³/h. The Efficiency curve starts at 0% at 0 m³/h, peaks at approximately 48% around 1.5 m³/h, and then decreases to about 35% at 2.0 m³/h. The NPSHr curve is constant at approximately 1.3 m from 0 to 1.5 m³/h and then increases to about 4.5 m at 2.0 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)	NPSHr (m)
0.0	210	0.9	0	1.3
0.5	208	1.1	28	1.3
1.0	200	1.3	45	1.3
1.5	185	1.6	48	1.3
2.0	100	1.9	35	4.5

	Explosed view CDM1-36	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	



Drawing 1-B CDM1, 3-240703

 CNP 南方泵业	Physical picture CDM1-36	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 CDM1-36	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 CDM1-36
Part NO. 1100092229
Product price
Quantity 1
Total price

Inquiry notes