

	Product Information CDM1-2	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.	1100308349
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	10.5 m
Efficiency	41 %
Speed	2900 rpm
Number of stages	2

Technology

Pump rotator speed	2900
Nameplate standards	CE
Pump version	2

Material

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

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
Expolded view	CDMF1-3exploded view

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	0.37KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	220/380V
Rated Current (A)	1.53/0.89A
Energy Efficiency Level	IE4

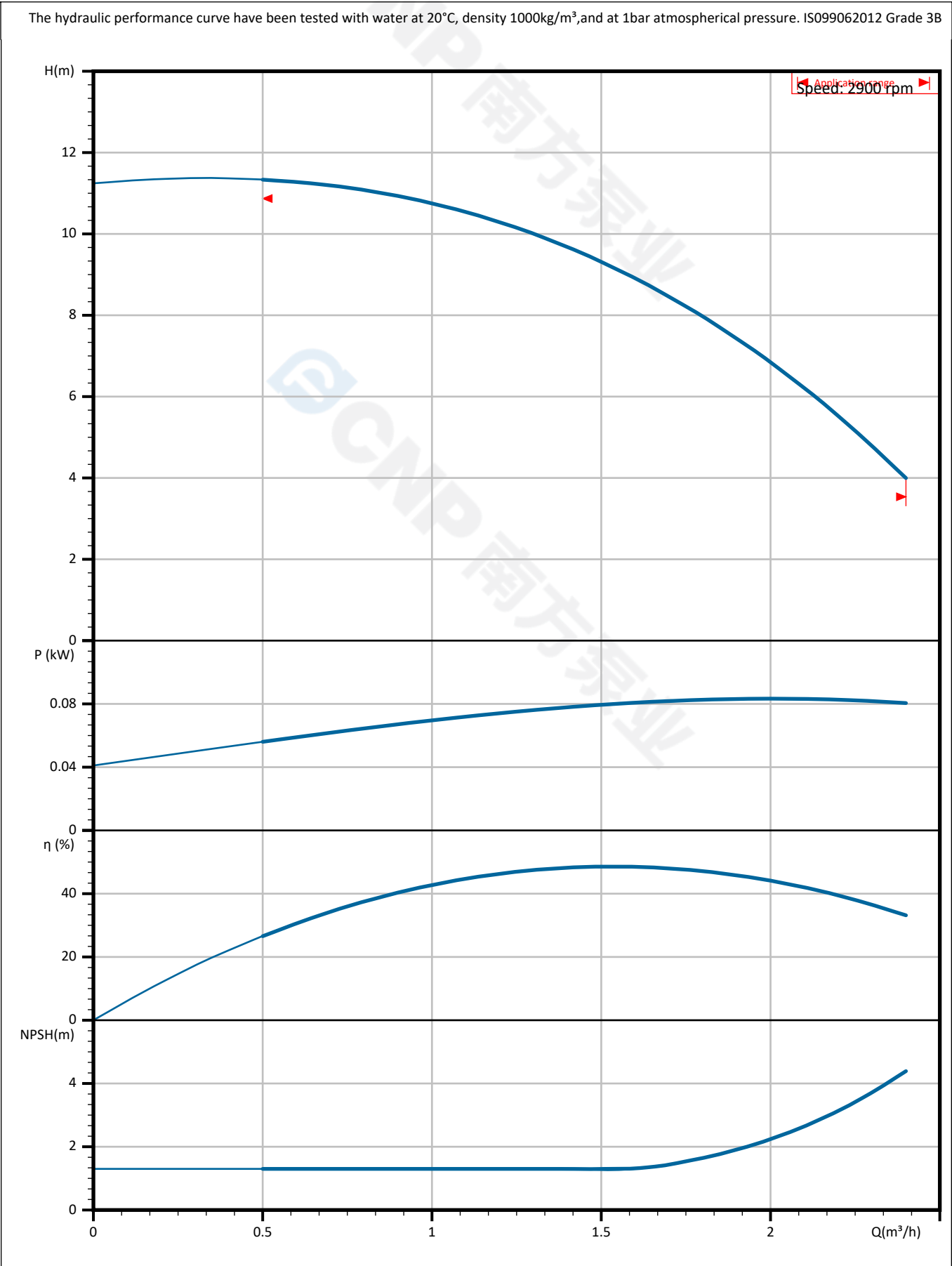
Seal

Mechanical Seal	CDLA-12/WB1F16
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Others

Weight (kg)	19
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	Performance Curve CDM1-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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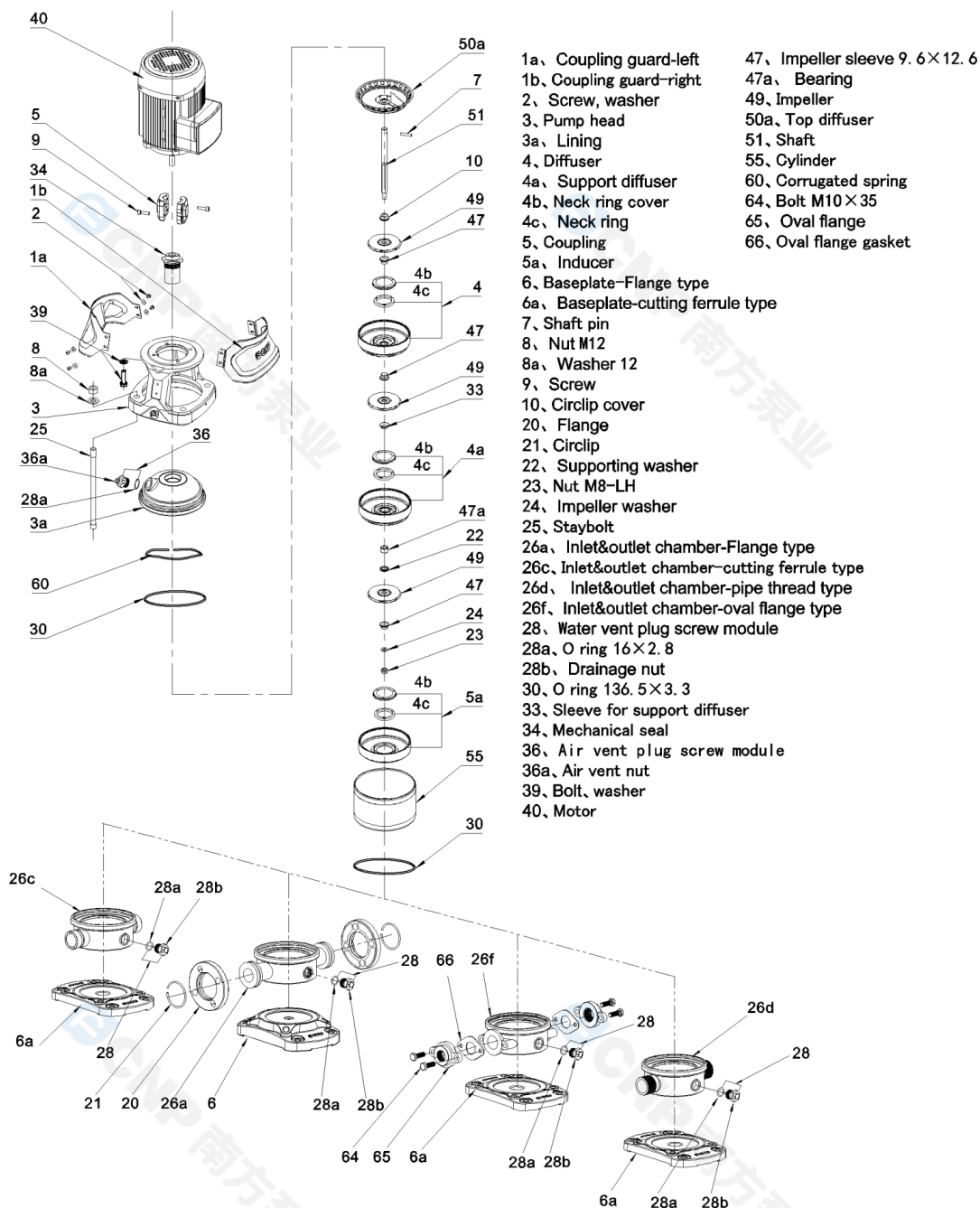
 CNP 南方泵业	Pump Technical Parameters CDM1-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM1-2
Part NO.	1100308349
Rated flow	1 m³/h
Rated head	10.5 m
Rated efficiency	41 (%)
Power (kW)	0.07 kW
NPSHr (m)	1.3
Speed (rpm)	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 CDM1-2 pump, plotted against flow rate (Q) in m³/h. The x-axis for all graphs ranges from 0 to 2.0 m³/h, with major grid lines every 0.5 units. The y-axes are: Head (H) in meters (0 to 14), Power (P) in kW (0.04 to 0.10), Efficiency (η) in percent (0 to 40), and Required Net Positive Suction Head (NPSH) in meters (0 to 4). The Head curve starts at approximately 11.2 m at 0 m³/h and decreases to about 4.0 m at 2.0 m³/h. The Power curve starts at 0.04 kW at 0 m³/h and rises to about 0.08 kW at 2.0 m³/h. The Efficiency curve starts at 0% at 0 m³/h, peaks at approximately 50% around 1.5 m³/h, and then decreases to about 35% at 2.0 m³/h. The NPSH curve is constant at 1.3 m from 0 to 1.5 m³/h and then rises to about 4.5 m at 2.0 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)	NPSH (m)
0.0	11.2	0.040	0	1.3
0.5	11.0	0.055	25	1.3
1.0	10.5	0.070	45	1.3
1.5	9.5	0.080	50	1.3
2.0	4.0	0.080	35	4.5

 CNP 南方泵业	Explosed view CDM1-2	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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Drawing 1-A CDMF1, 3-240705

 CNP 南方泵业	Physical picture CDM1-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM1-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM1-2
Part NO. 1100308349
Product price
Quantity 1
Total price

Inquiry notes