

	Product Information CDM120-2	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	

Part NO.	1100106292
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	120 m³/h
Head	40 m
Efficiency	74.7 %
Speed	2950 rpm
Number of stages	2

Technology

Pump rotator speed	2950
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)	20 bar / 120 °C
Maximum Pressure/Temperature (low temperature)	20 bar / -15 °C
Flange Standard	DIN
Pressure Class	PN25-40
Inlet & outlet	DN125

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 Flange
Expolded view	CDMF120,150,200

 CNP 南方泵业	Product Information CDM120-2	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	IP55
Insulation Class	F
Motor Power(kW)	22KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	40.5A
Energy Efficiency Level	IE3

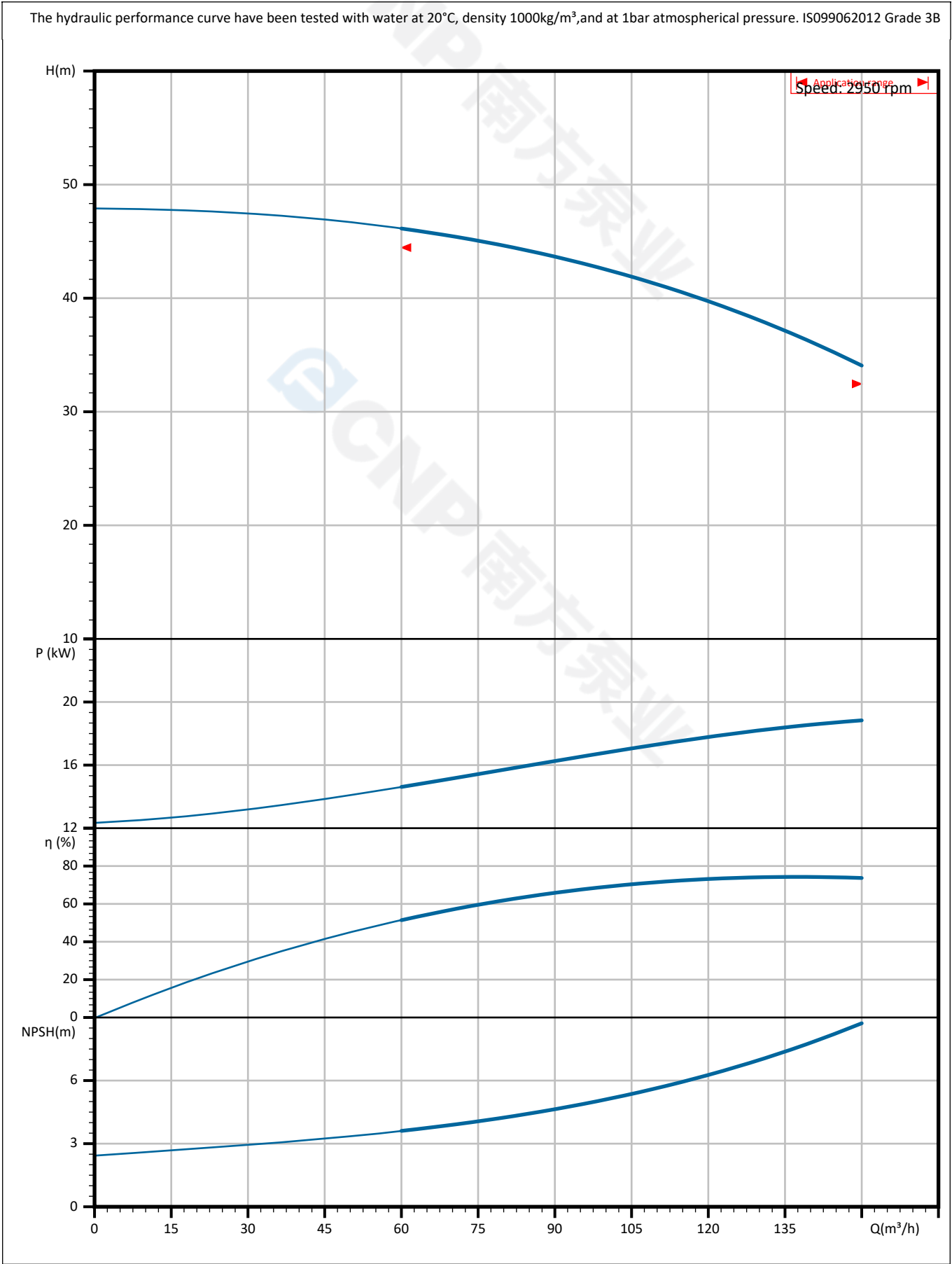
Seal

Mechanical Seal	CDLA-32/WB1F14
-----------------	----------------

Others

Weight (kg)	285
-------------	-----

	Performance Curve CDM120-2	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	



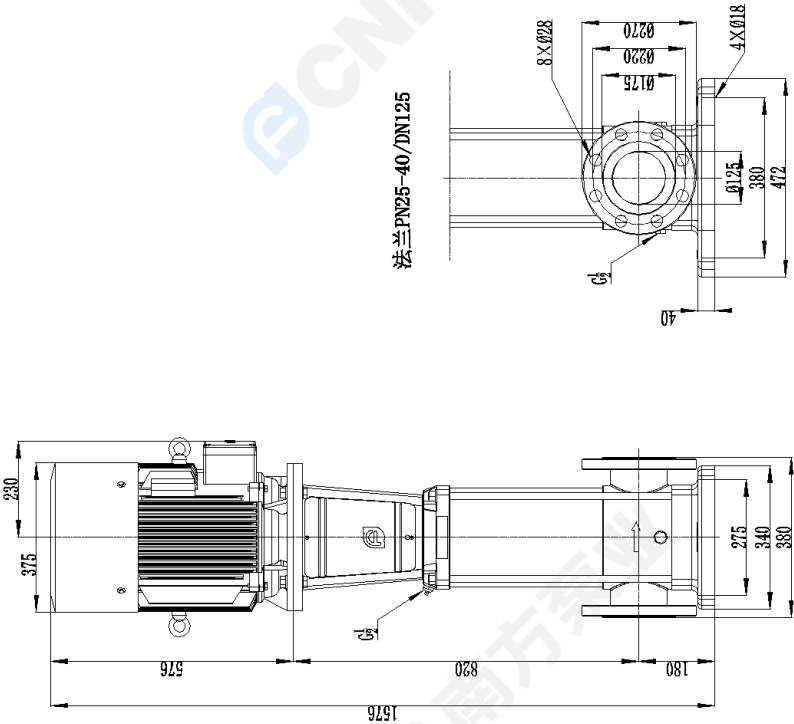
 CNP 南方泵业	Pump Technical Parameters CDM120-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Rated parameters	
Pump model	CDM120-2
Part NO.	1100106292
Rated flow	120 m³/h
Rated head	40 m
Rated efficiency	74.7 (%)
Power (kW)	17.5 kW
NPSHr (m)	6
Speed (rpm)	2950
Max impeller diameter (mm)	144
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 CDM120-2 pump, plotted against flow rate (Q) in m³/h. The x-axis for all graphs ranges from 0 to 150 m³/h. The y-axes are: Head (H) in meters (0 to 60), Power (P) in kW (0 to 20), Efficiency (η) in percent (0 to 80), and Net Positive Suction Head (NPSH) in meters (0 to 6). The curves show that as flow rate increases, the head decreases, power increases, efficiency increases and then plateaus, and the required NPSH increases.

Q (m³/h)	H (m)	P (kW)	η (%)	NPSH (m)
0	48	12.5	0	2.5
30	47	13.5	35	2.8
60	45	15.0	55	3.5
90	42	16.5	68	4.5
120	38	17.5	74.7	5.5
150	34	18.5	75	6.5

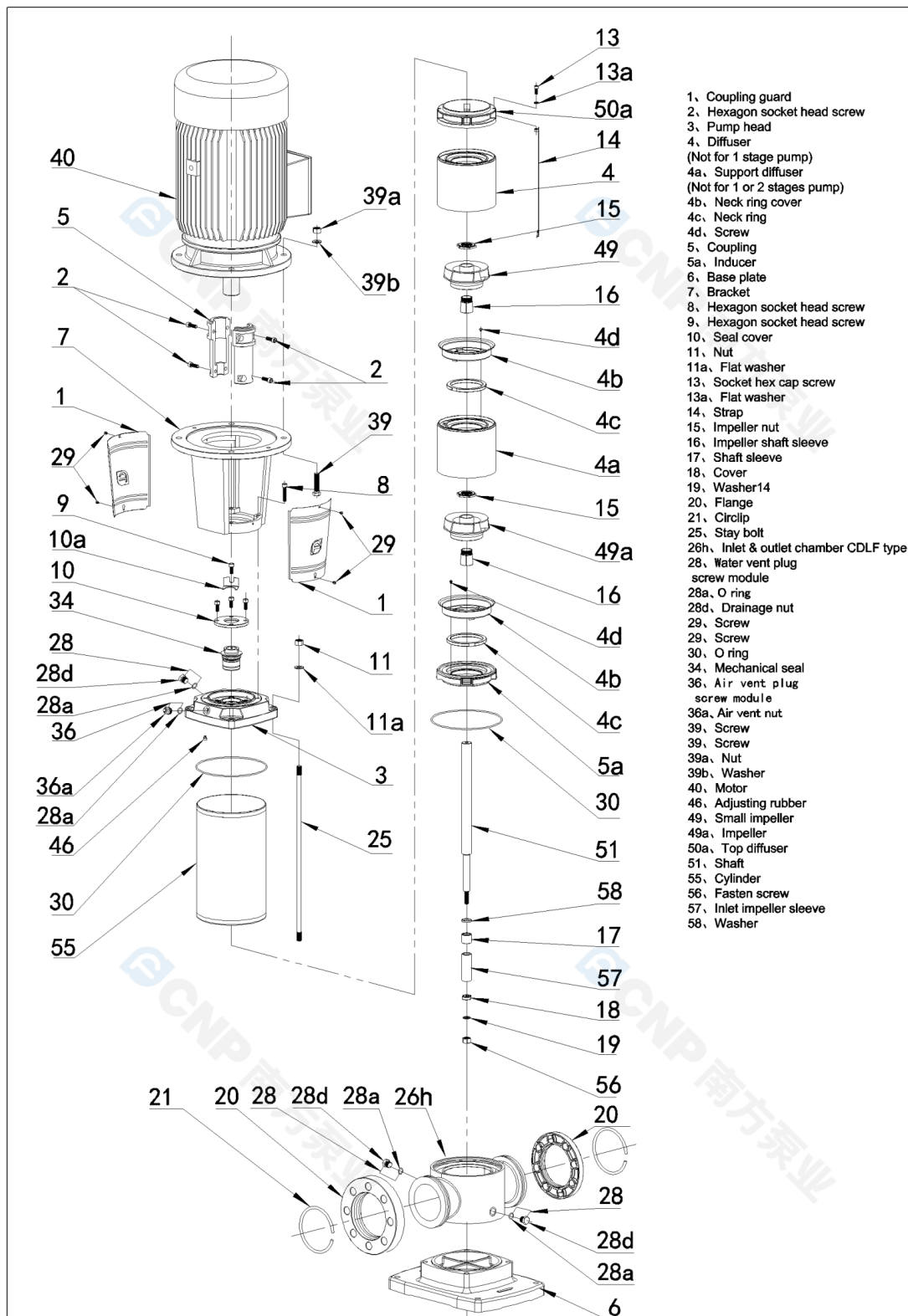
	Dimension Drawing CDM120-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Wepko
		Contact	



注: 隔爆电机外形尺寸有所变动, 详情咨询本公司。

CDMF120-20FSWSC

 CNP 南方泵业	Explosed view CDM120-2	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	



Drawing 1-K CDMF120, 150, 200-240704

 CNP 南方泵业	Physical picture CDM120-2	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	



 CNP 南方泵业	Order Data CDM120-2	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	

Pump model CDM120-2
Part NO. 1100106292
Product price
Quantity 1
Total price

Inquiry notes