

	Product Information CDM120-5	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	
		Contact	

Part NO.	1100106301
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	101.5 m
Efficiency	74.7 %
Speed	2950 rpm
Number of stages	5

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

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	55KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	98.5A
Energy Efficiency Level	IE3

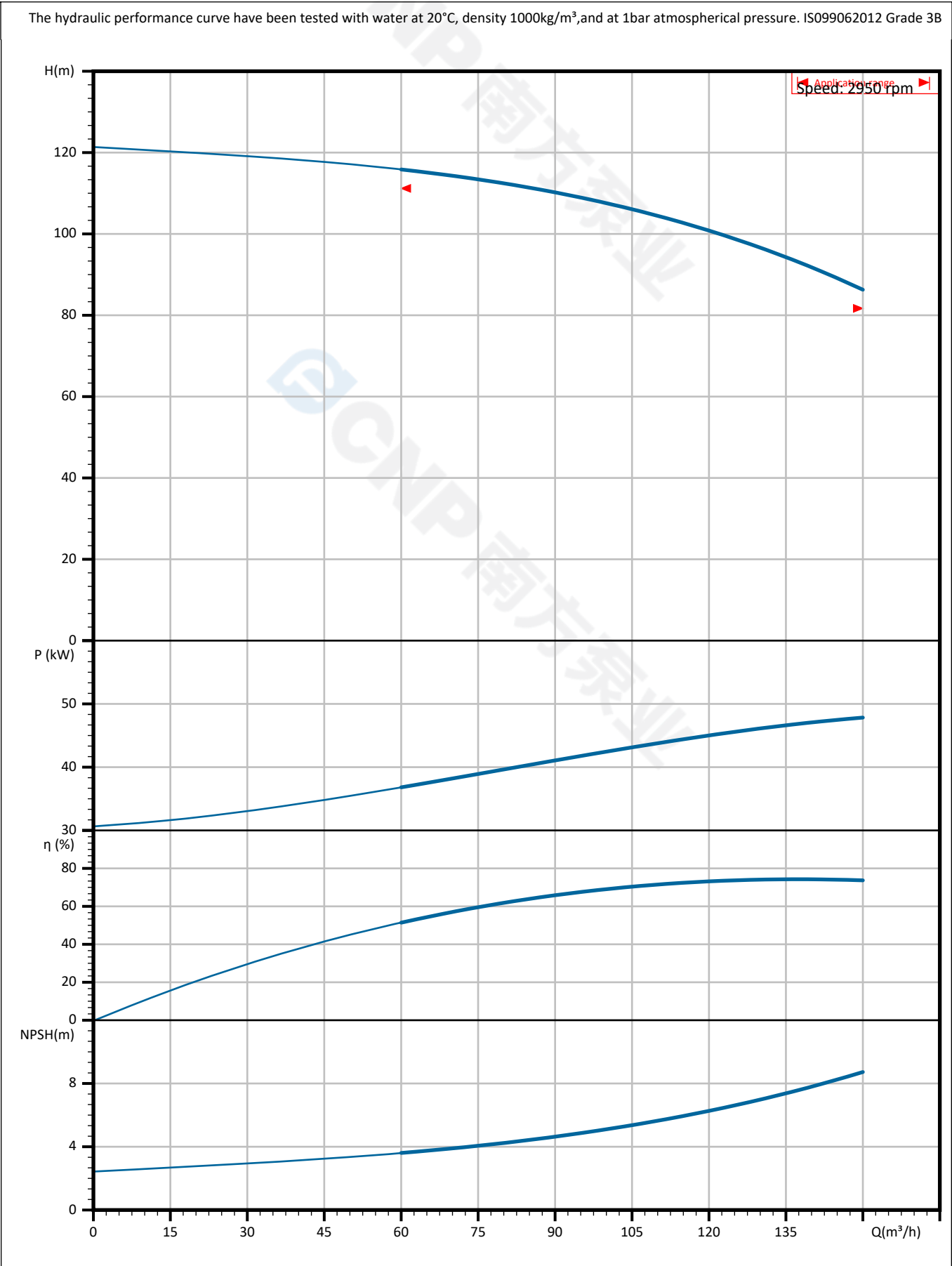
Seal

Mechanical Seal	CDLA-32/WB1F14
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Others

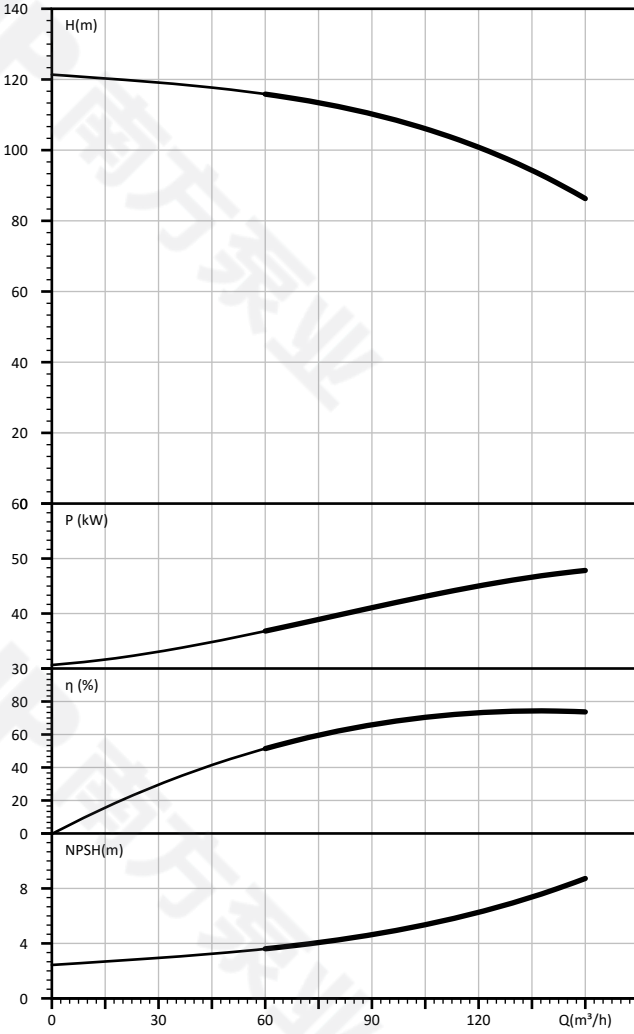
Weight (kg)	575
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 CNP 南方泵业	Performance Curve CDM120-5	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
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Project Name		Client Name	WEPKO
Item NO		Client Addr.	
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 CNP 南方泵业	Pump Technical Parameters CDM120-5	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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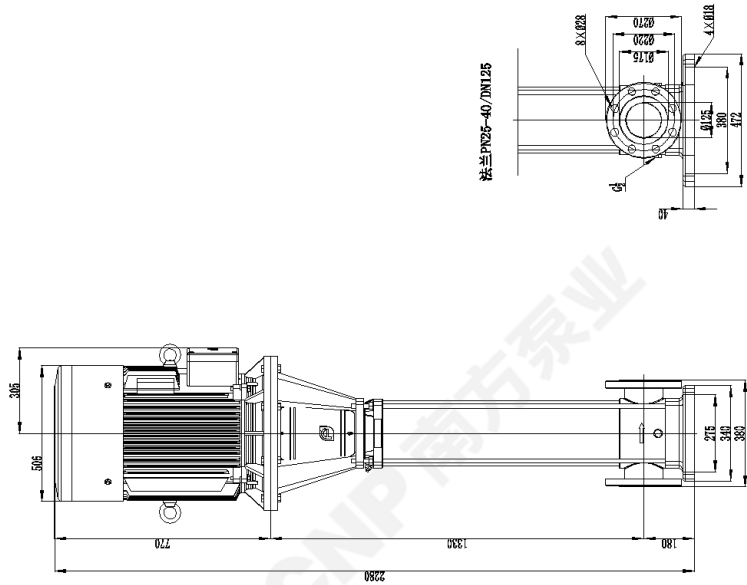
Rated parameters	
Pump model	CDM120-5
Part NO.	1100106301
Rated flow	120 m³/h
Rated head	101.5 m
Rated efficiency	74.7 (%)
Power (kW)	44.4 kW
NPSHr (m)	6
Speed (rpm)	2950
Max impeller diameter (mm)	144
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



Flow Q (m³/h)	Head H (m)	Power P (kW)	Efficiency η (%)	NPSH (m)
0	122	32	0	2.5
30	120	35	30	3.0
60	115	38	55	3.5
90	108	42	68	4.5
120	101.5	44.4	74.7	6.0
150	88	48	78	8.5

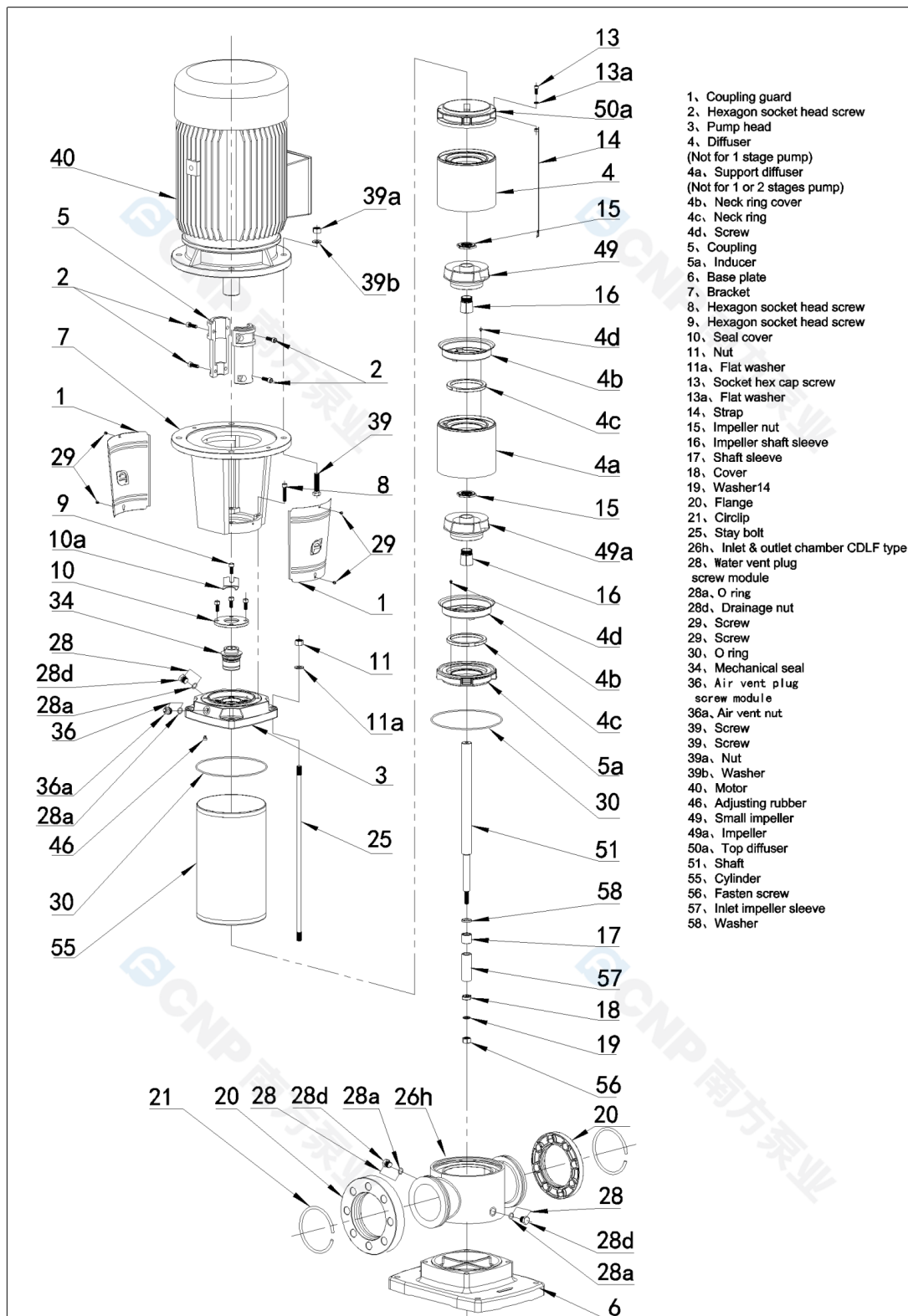
 CNP 南方泵业	Dimension Drawing CDM120-5	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
		Client Name	WEPKO
Project Name		Client Addr.	
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		Contact	

CDMF120-50FSWSC



注: 隔爆电机外形尺寸有所变动, 详情咨询本公司。

 CNP 南方泵业	Explosed view CDM120-5	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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		Date	2025/07/08
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	
		Contact	



Drawing 1-K CDMF120, 150, 200-240704

 CNP 南方泵业	Physical picture CDM120-5	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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Project Name		Client Addr.	
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 CNP 南方泵业	Order Data CDM120-5	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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		Date	2025/07/08
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	
		Contact	

Pump model CDM120-5
Part NO. 1100106301
Product price
Quantity 1
Total price

Inquiry notes