

	Product Information CDM125-3	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.	1100302035
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	125 m³/h
Head	76 m
Efficiency	82.9 %
Speed	2950 rpm
Number of stages	3

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)	25 bar / 120 °C
Maximum Pressure/Temperature (low temperature)	25 bar / -15 °C
Flange Standard	DIN
Pressure Class	PN25-40
Inlet & outlet	DN150

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	CDMF95,125,155exploded view

 CNP 南方泵业	Product Information CDM125-3	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	

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	37KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	67.4A
Energy Efficiency Level	IE3

Seal

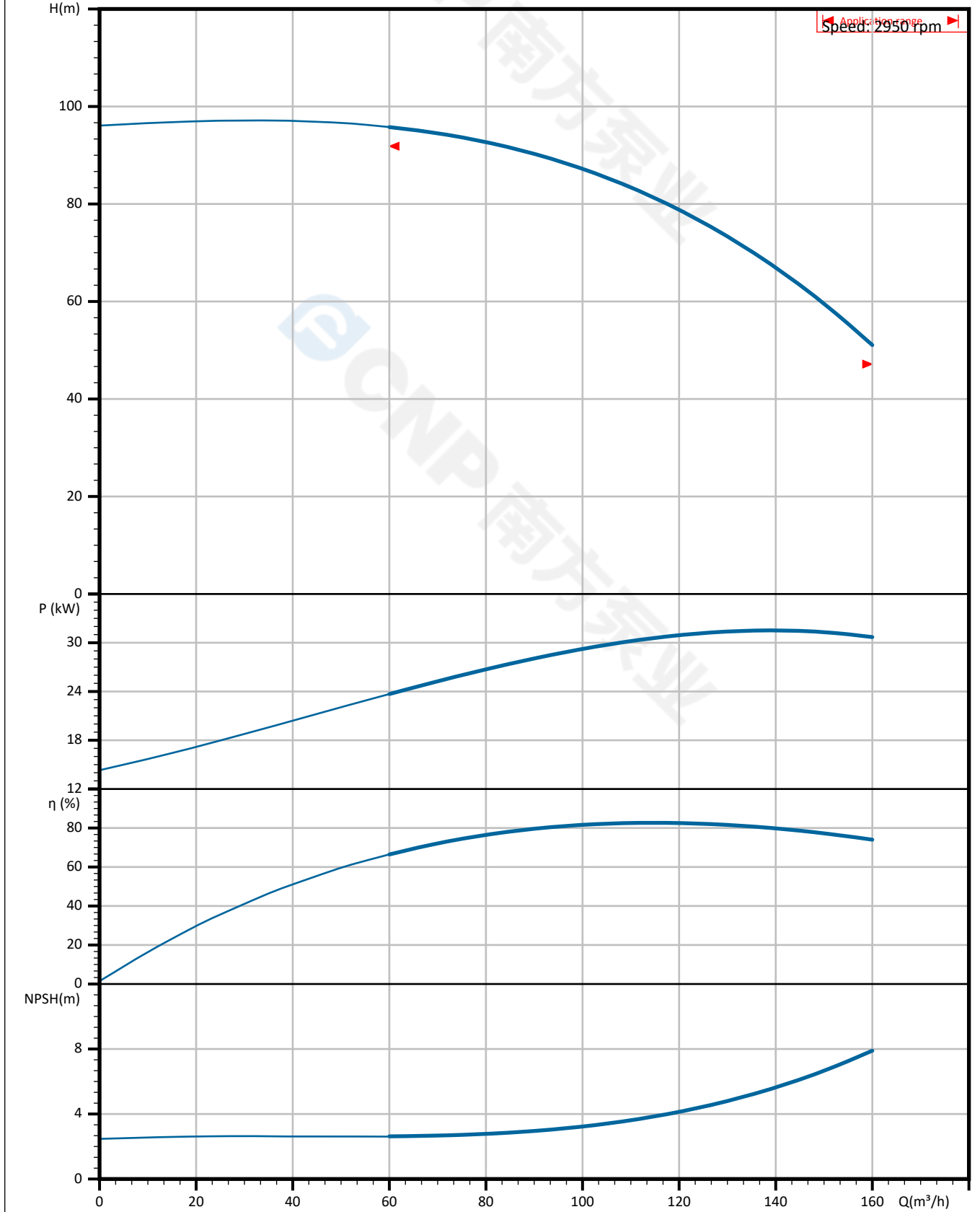
Mechanical Seal	CDM-22/WB1F14
-----------------	---------------

Others

Weight (kg)	443
-------------	-----

 CNP 南方泵业	Performance Curve CDM125-3	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	
		Contact	

The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar atmospherical pressure. ISO99062012 Grade 3B



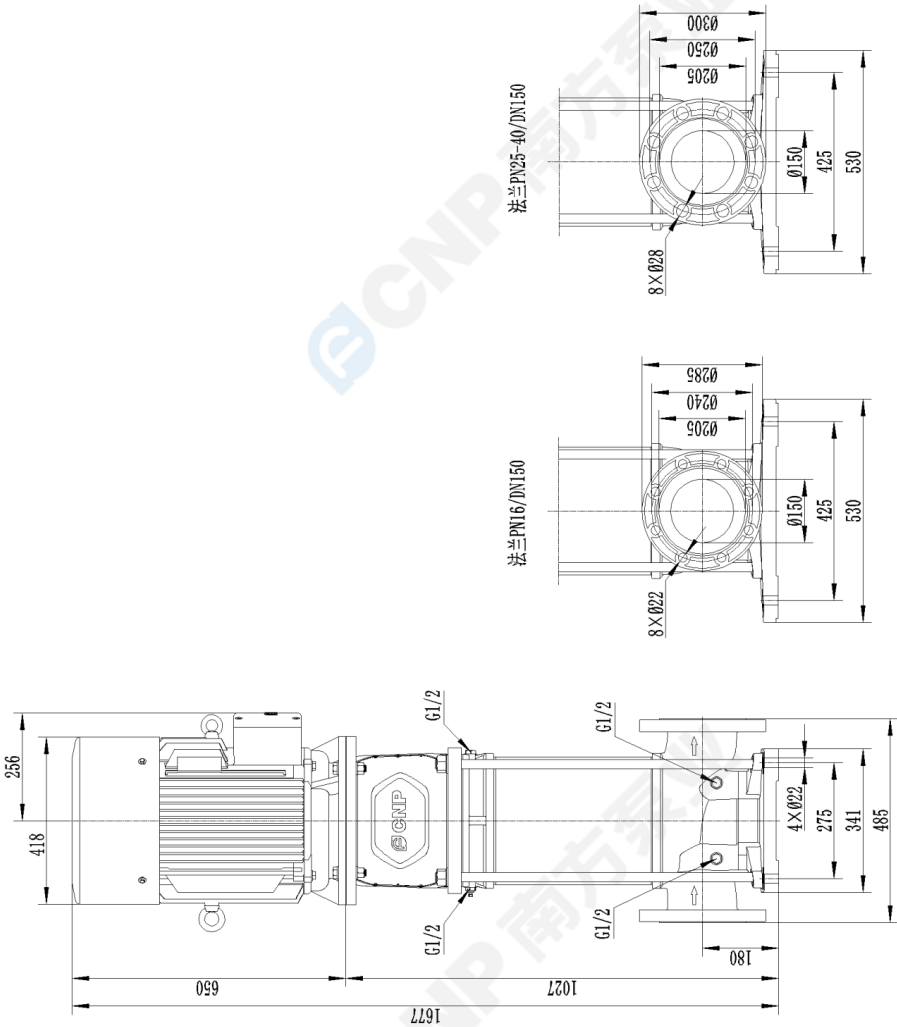
 CNP 南方泵业	Pump Technical Parameters CDM125-3	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	
		Contact	

Rated parameters	
Pump model	CDM125-3
Part NO.	1100302035
Rated flow	125 m³/h
Rated head	76 m
Rated efficiency	82.9 (%)
Power (kW)	31.2 kW
NPSHr (m)	4.4
Speed (rpm)	2950
Max impeller diameter (mm)	160
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 CDM125-3 pump, plotted against flow rate (Q) in m³/h. The x-axis for all graphs ranges from 0 to 140 m³/h, with major grid lines every 40 units and minor grid lines every 20 units. The y-axes are: Head (H) in meters (0 to 120), Power (P) in kW (0 to 36), Efficiency (η) in percent (0 to 80), and Net Positive Suction Head (NPSH) in meters (0 to 8). The Head curve starts at approximately 95 m at Q=0 and decreases to about 50 m at Q=140. The Power curve starts at approximately 15 kW at Q=0, rises to a peak of about 32 kW at Q=120, and then slightly decreases. The Efficiency curve starts at 0% at Q=0, rises to a peak of about 85% at Q=120, and then slightly decreases. The NPSH curve starts at approximately 2.5 m at Q=0 and increases to about 8 m at Q=140.

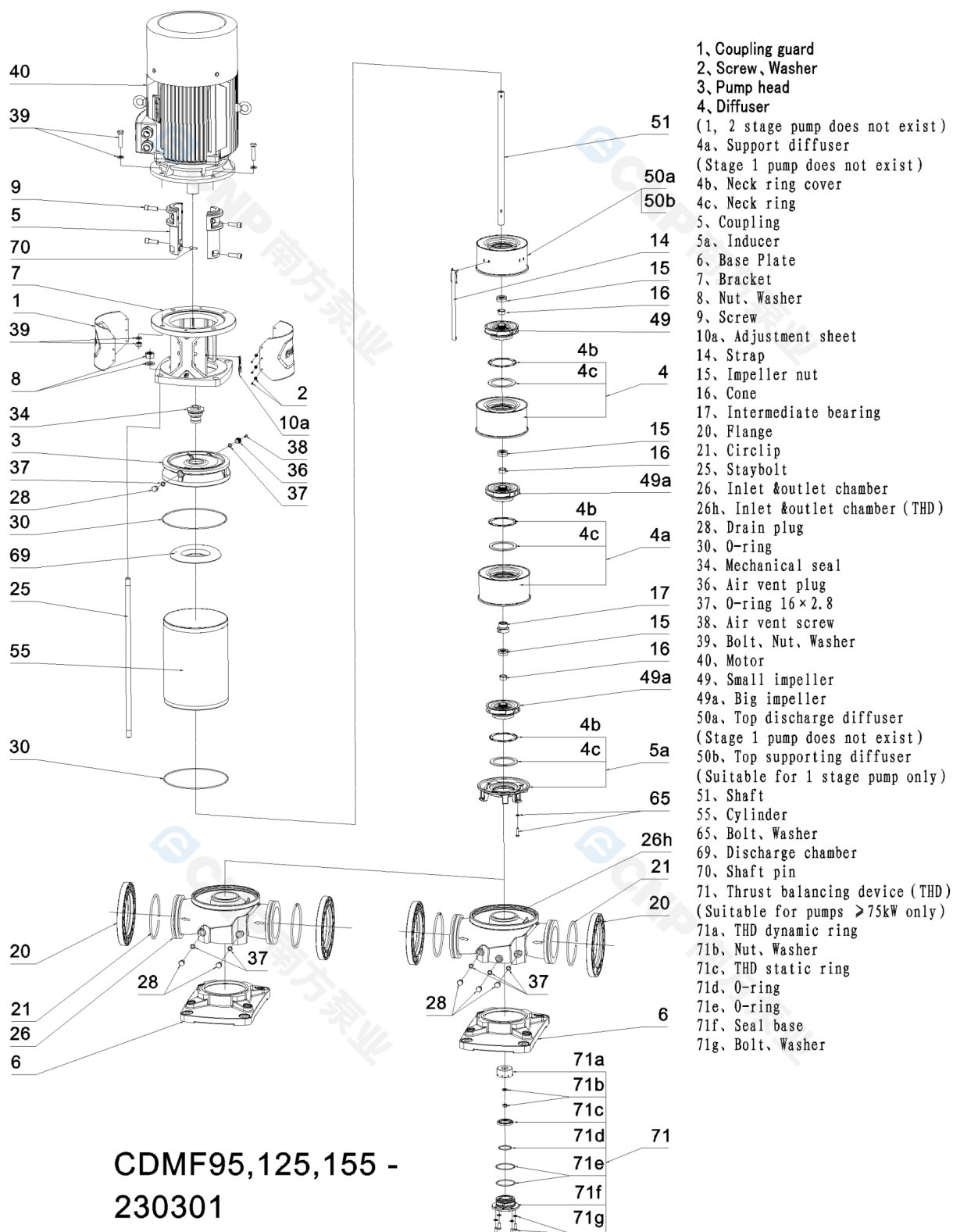
Q (m³/h)	H (m)	P (kW)	η (%)	NPSH (m)
0	95	15	0	2.5
40	94	20	45	2.6
80	90	26	75	2.8
120	78	32	85	4.0
140	50	31	75	8.0

	Dimension Drawing CDM125-3	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	
		Contact	



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 CDM125-3	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	
		Contact	



	Physical picture CDM125-3	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	



 CNP 南方泵业	Order Data CDM125-3	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	

Pump model CDM125-3
Part NO. 1100302035
Product price
Quantity 1
Total price

Inquiry notes