

	Product Information CDM125-3-1	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	
		Contact	

Part NO.	1100302034		
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	67.5 m		
Efficiency	81.9 %		
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 CDM125-3-1	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)	30KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	54.9A
Energy Efficiency Level	IE3

Seal

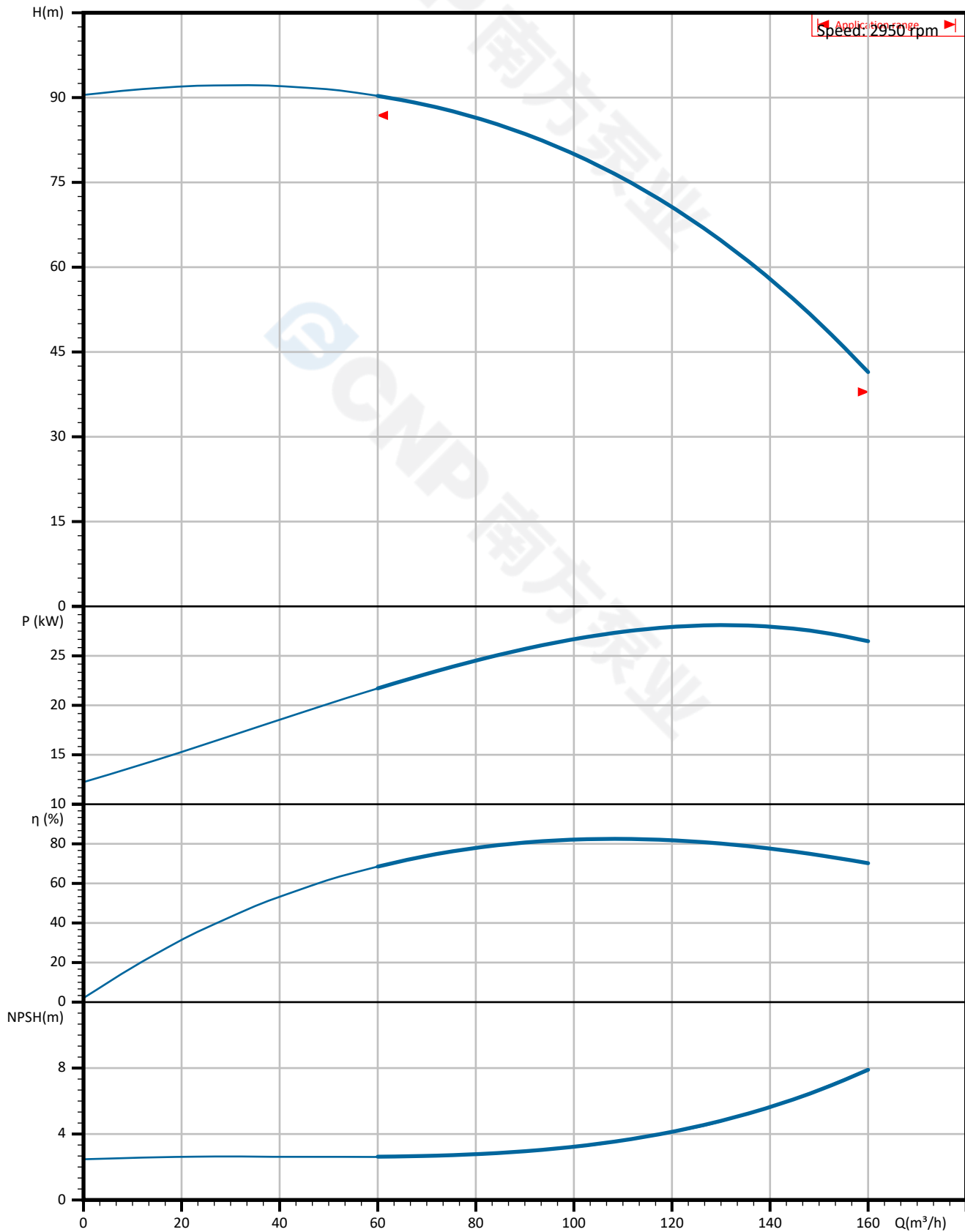
Mechanical Seal	CDM-22/WB1F14
-----------------	---------------

Others

Weight (kg)	423
-------------	-----

 CNP 南方泵业	Performance Curve CDM125-3-1	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



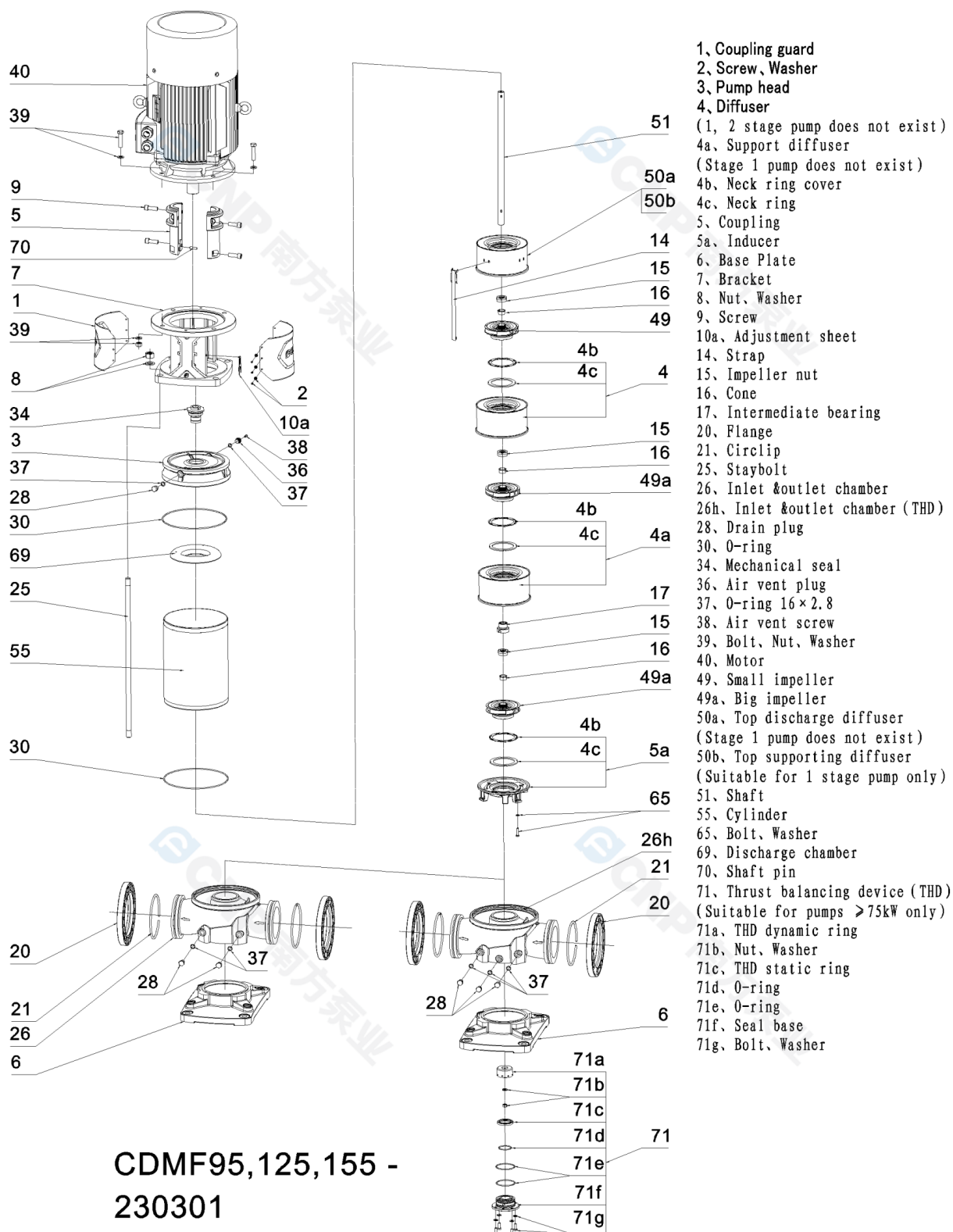
 CNP 南方泵业	Pump Technical Parameters CDM125-3-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
		Client Addr.	
Item NO		Contacts	
		Contact	

Rated parameters	
Pump model	CDM125-3-1
Part NO.	1100302034
Rated flow	125 m³/h
Rated head	67.5 m
Rated efficiency	81.9 (%)
Power (kW)	28 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 CDM125-3-1 pump, plotted against flow rate Q in m^3/h on the x-axis (0 to 140). The y-axes represent Head H in meters (0 to 105), Power P in kilowatts (0 to 30), Efficiency η in percent (0 to 100), and Net Positive Suction Head NPSH in meters (0 to 8). The Head curve starts at approximately 92 m at $Q=0$ and decreases to about 42 m at $Q=140$. The Power curve starts at approximately 12 kW at $Q=0$, peaks at about 28 kW around $Q=120$, and then slightly decreases. The Efficiency curve starts at 0% at $Q=0$, peaks at about 82% around $Q=120$, and then slightly decreases. The NPSH curve starts at approximately 2.5 m at $Q=0$ and increases steadily to about 8 m at $Q=140$.

Q (m^3/h)	H (m)	P (kW)	η (%)	NPSH (m)
0	92	12	0	2.5
40	90	18	55	2.5
80	85	24	78	2.5
120	75	28	82	3.5
140	42	26	72	8.0

 CNP 南方泵业	Explosed view CDM125-3-1	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 CDM125-3-1	Manufacturer	Nanfeng 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 CDM125-3-1	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 CDM125-3-1
Part NO. 1100302034
Product price
Quantity 1
Total price

Inquiry notes