

	Product Information CDM125-9	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.	1100302043		
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	229 m		
Efficiency	83.9 %		
Speed	2950 rpm		
Number of stages	9		
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)	40 bar / 120 °C		
Maximum Pressure/Temperature (low temperature)	40 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		
Explosed view	CDMF95,125,155exploded view		

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	110KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	195A
Energy Efficiency Level	IE3

Seal

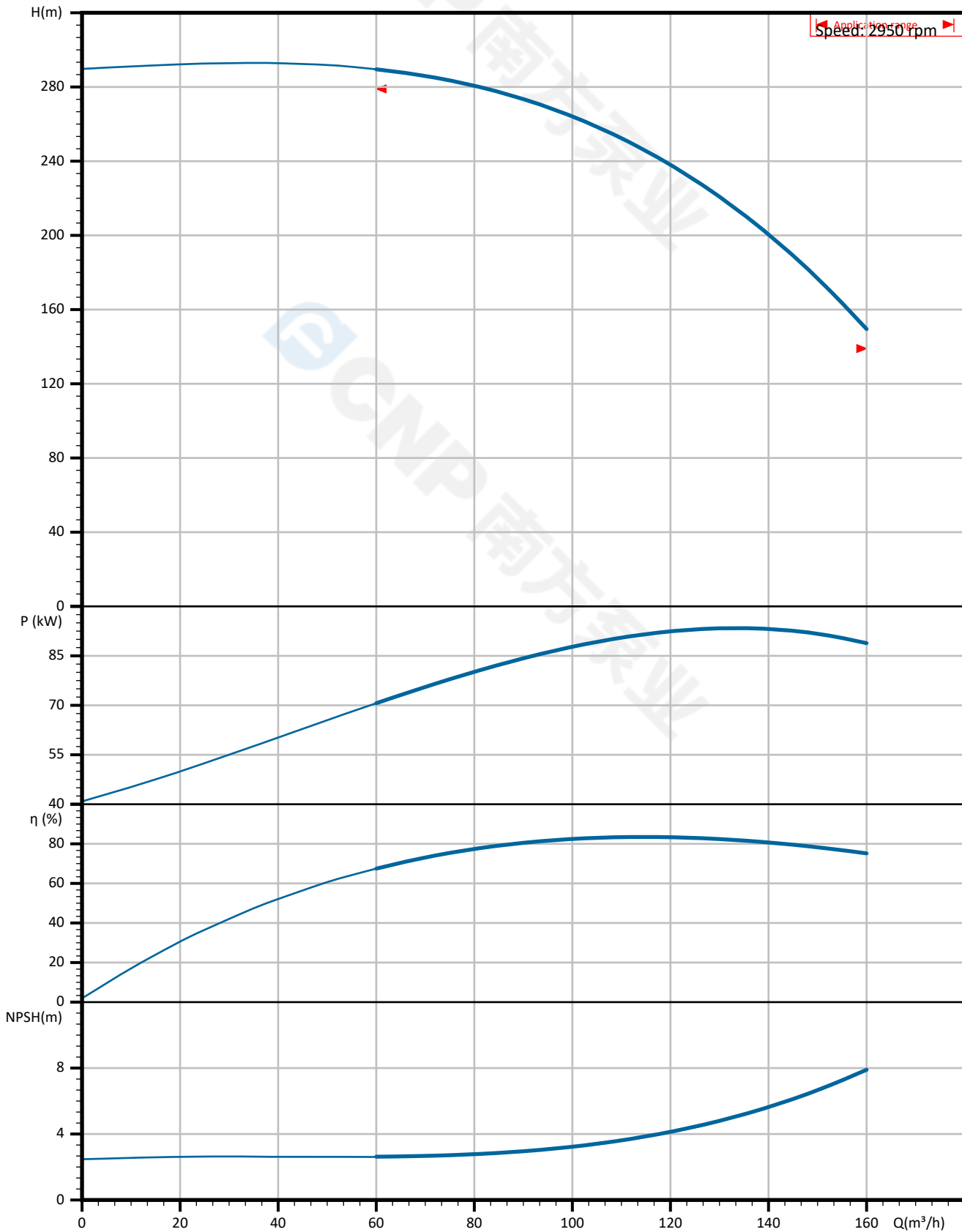
Mechanical Seal	CDM-28/WB1F14
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Others

Weight (kg)	1258
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 CNP 南方泵业	Performance Curve CDM125-9	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar atmospherical pressure. ISO99062012 Grade 3B



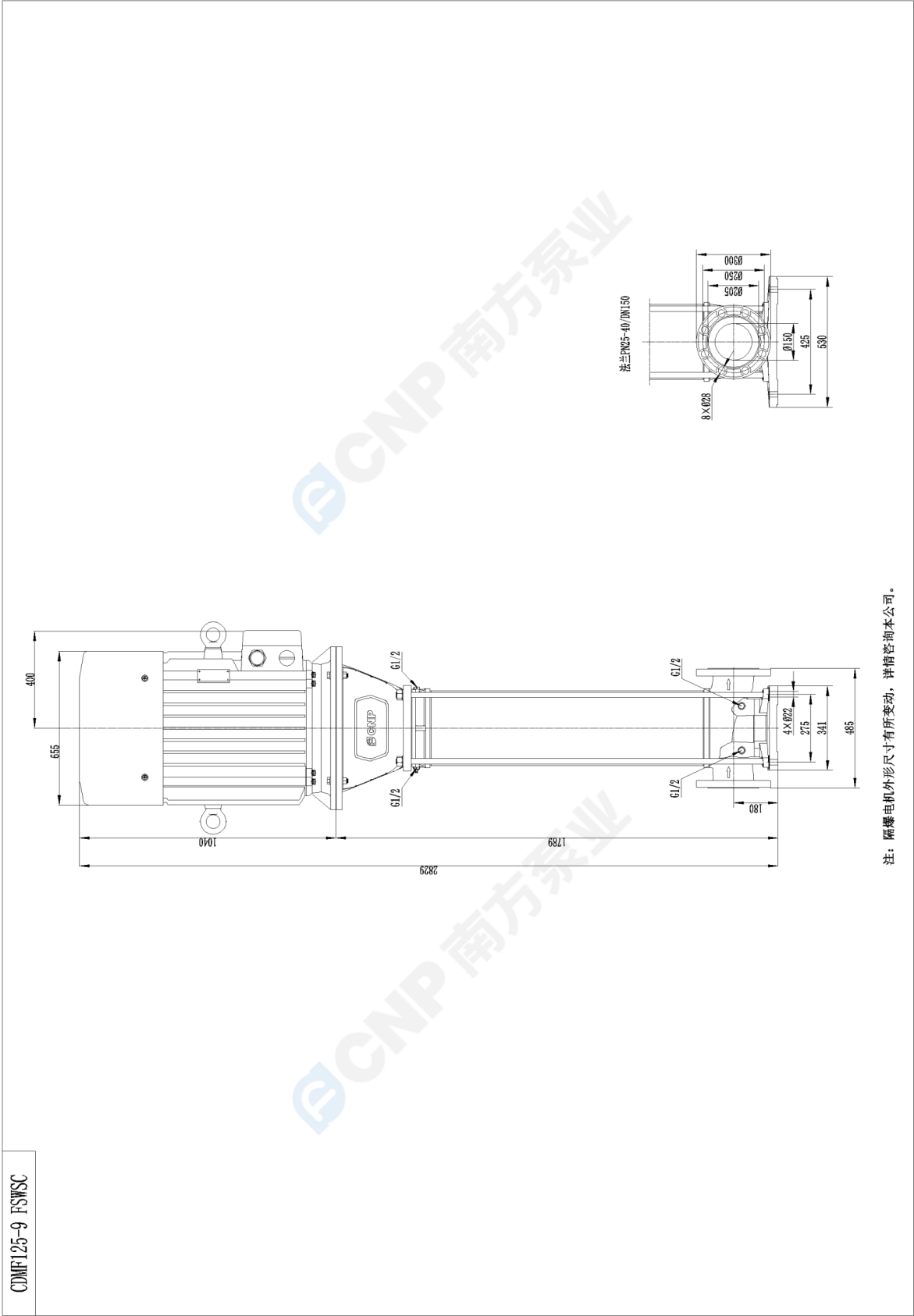
 CNP 南方泵业	Pump Technical Parameters CDM125-9	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM125-9
Part NO.	1100302043
Rated flow	125 m³/h
Rated head	229 m
Rated efficiency	83.9 (%)
Power (kW)	93 kW
NPSHr (m)	4.4
Speed (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 CDM125-9 pump, plotted against the flow rate Q in m^3/h on the x-axis, ranging from 0 to 160. The y-axes represent Head H (m), Power P (kW), Efficiency η (%), and Net Positive Suction Head NPSH (m).

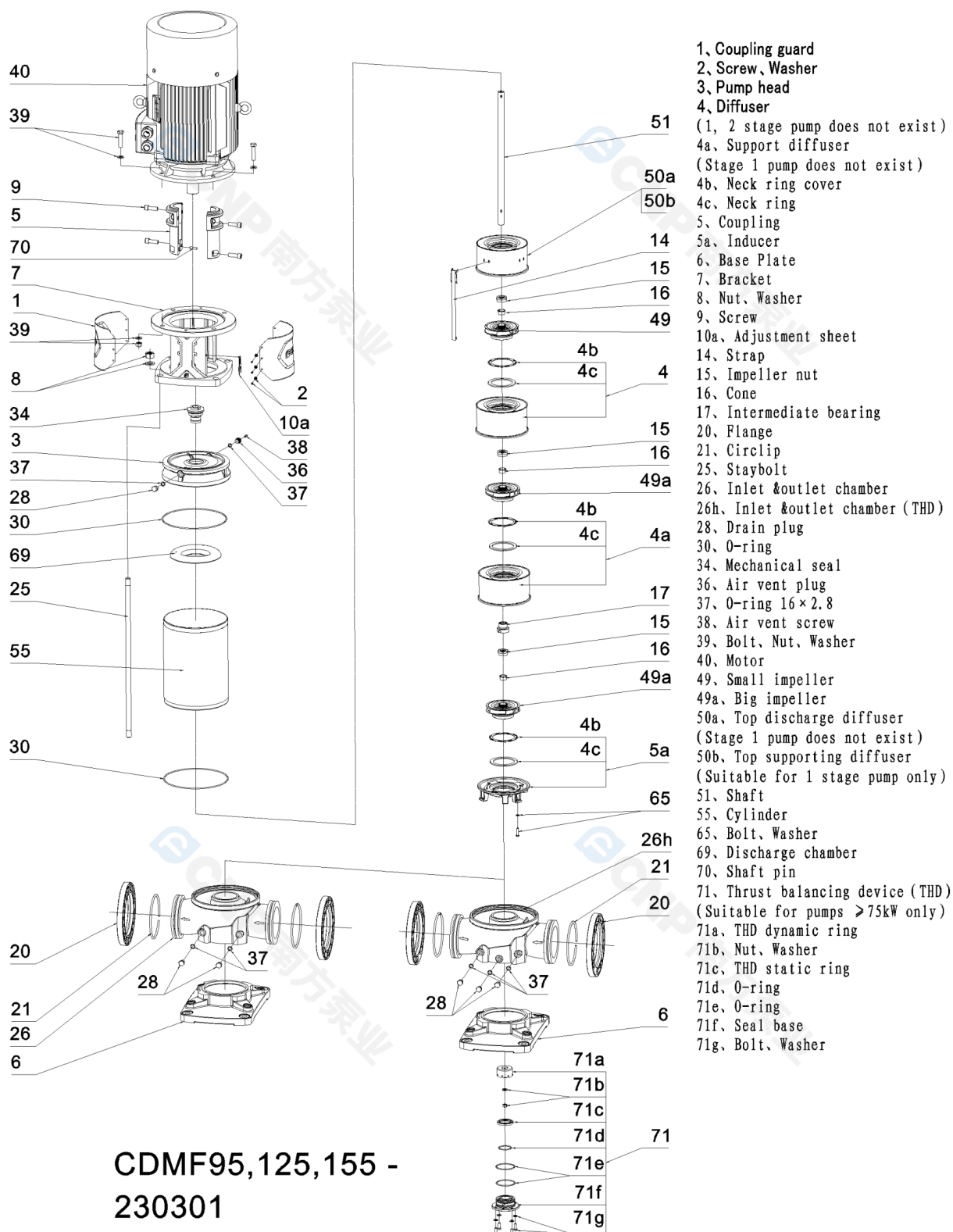
- Head H (m):** The curve starts at approximately 290 m at $Q=0$, peaks at about 295 m around $Q=60$, and then declines to approximately 150 m at $Q=160$.
- Power P (kW):** The curve starts at about 40 kW at $Q=0$, rises to a peak of approximately 95 kW around $Q=130$, and then slightly declines to about 90 kW at $Q=160$.
- Efficiency η (%):** The curve starts at 0% at $Q=0$, rises to a peak of approximately 85% around $Q=130$, and then slightly declines to about 80% at $Q=160$.
- NPSH (m):** The curve starts at approximately 2.5 m at $Q=0$ and rises steadily to about 8 m at $Q=160$.

	Dimension Drawing CDM125-9	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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CDM125-9 FSWSC

 CNP 南方泵业	Explosed view CDM125-9	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Physical picture CDM125-9	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM125-9	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM125-9
Part NO. 1100302043
Product price
Quantity 1
Total price

Inquiry notes