

	Product Information CDM125-2	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	
		Contact	

Part NO.	1100302033
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	50 m
Efficiency	81.8 %
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)	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
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)	22KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	40.5A
Energy Efficiency Level	IE3

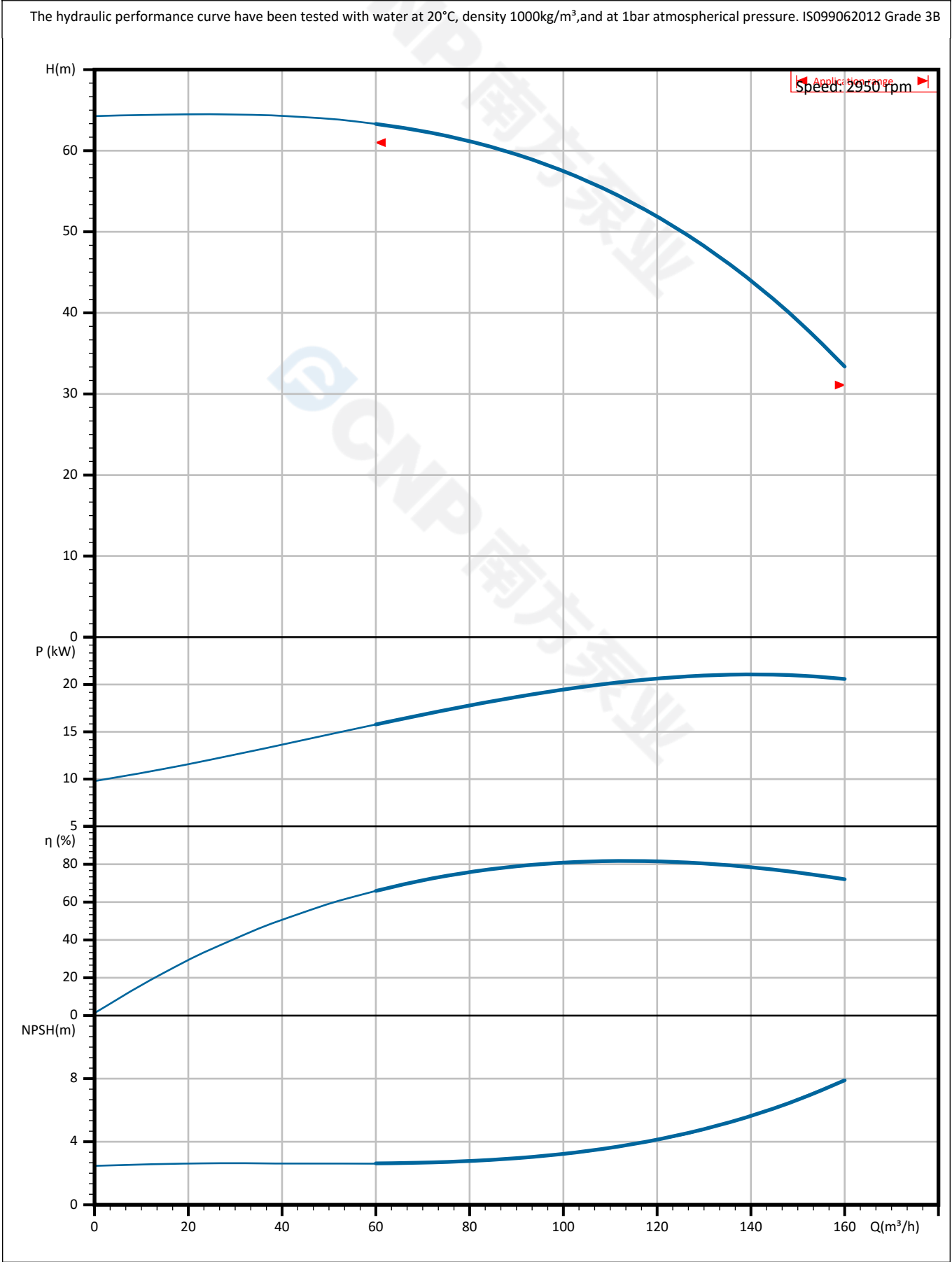
Seal

Mechanical Seal	CDM-22/WB1F14
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Others

Weight (kg)	352
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	Performance Curve CDM125-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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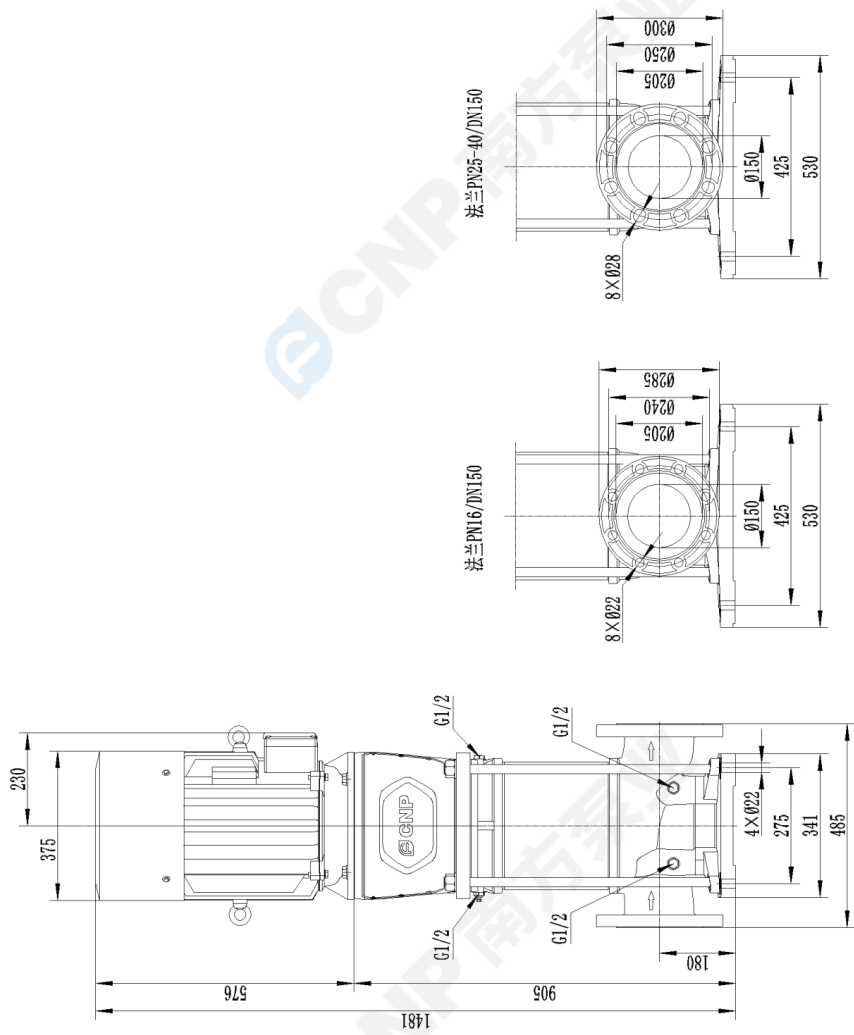
 CNP 南方泵业	Pump Technical Parameters CDM125-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM125-2
Part NO.	1100302033
Rated flow	125 m³/h
Rated head	50 m
Rated efficiency	81.8 (%)
Power (kW)	20.8 kW
NPSHr (m)	4.4
Speed (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 CDM125-2 pump, plotted against the flow rate Q in m^3/h on the x-axis, ranging from 0 to 140. The y-axes represent Head H in meters (0 to 70), Power P in kilowatts (0 to 25), Efficiency η in percent (0 to 80), and Net Positive Suction Head NPSH in meters (0 to 8).

- Head H (m):** The curve starts at approximately 65 m at $Q=0$ and decreases to about 35 m at $Q=140$.
- Power P (kW):** The curve starts at approximately 10 kW at $Q=0$, rises to a peak of about 22 kW at $Q=120$, and then slightly decreases.
- Efficiency η (%):** The curve starts at 0% at $Q=0$, rises to a peak of about 82% at $Q=120$, and then slightly decreases.
- NPSH (m):** The curve starts at approximately 2.5 m at $Q=0$ and increases to about 8 m at $Q=140$.

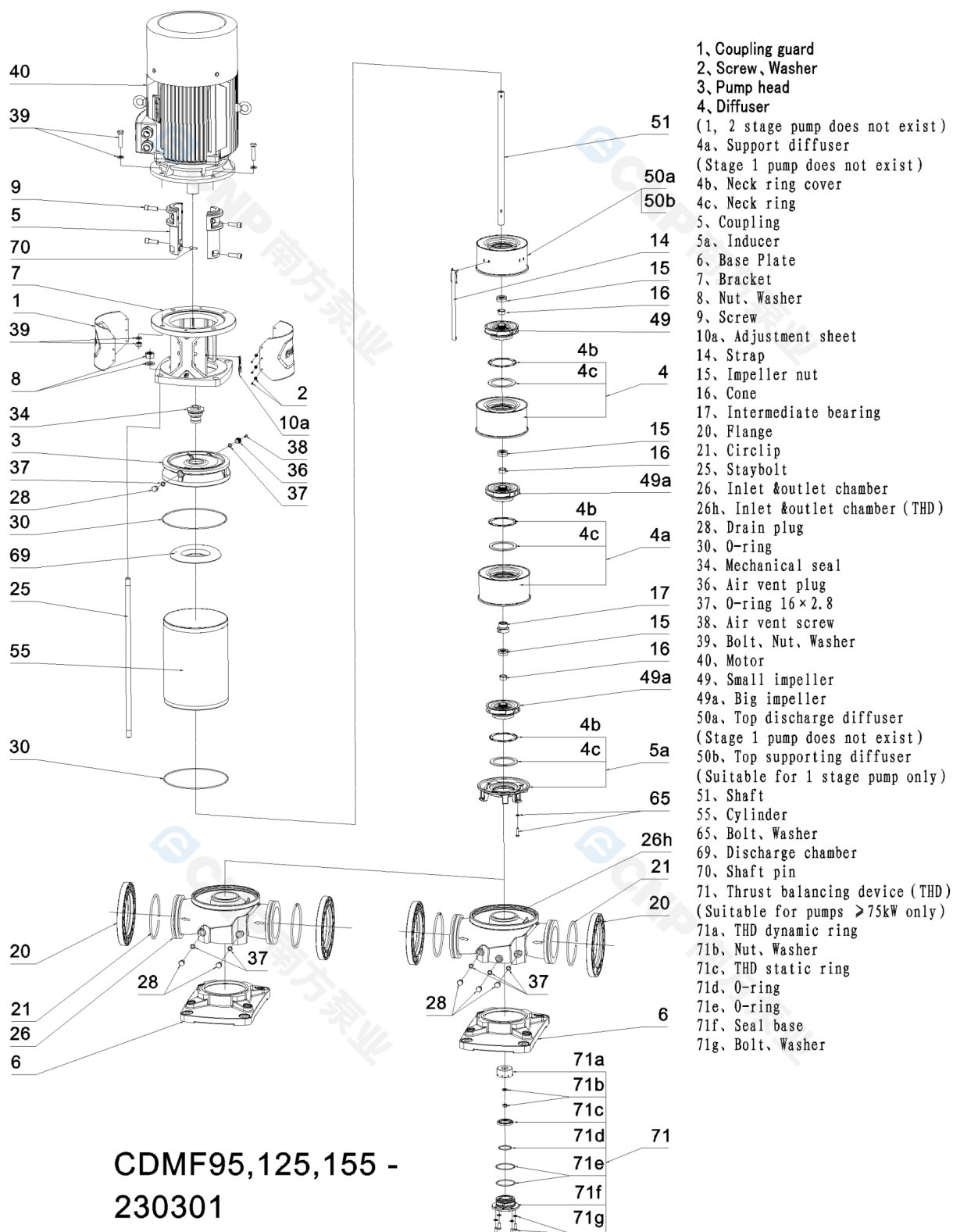
 CNP 南方泵业	Dimension Drawing CDM125-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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注: 隔爆电机外形尺寸有所变动, 详情咨询本公司。

CDMF125-2FWSWC

 CNP 南方泵业	Explosed view CDM125-2	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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	Physical picture CDM125-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM125-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM125-2
Part NO. 1100302033
Product price
Quantity 1
Total price

Inquiry notes