

	Product Information CDM125-8	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.	1100302041
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	203.5 m
Efficiency	83.9 %
Speed	2950 rpm
Number of stages	8

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
Exploided 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)	90KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	160A
Energy Efficiency Level	IE3

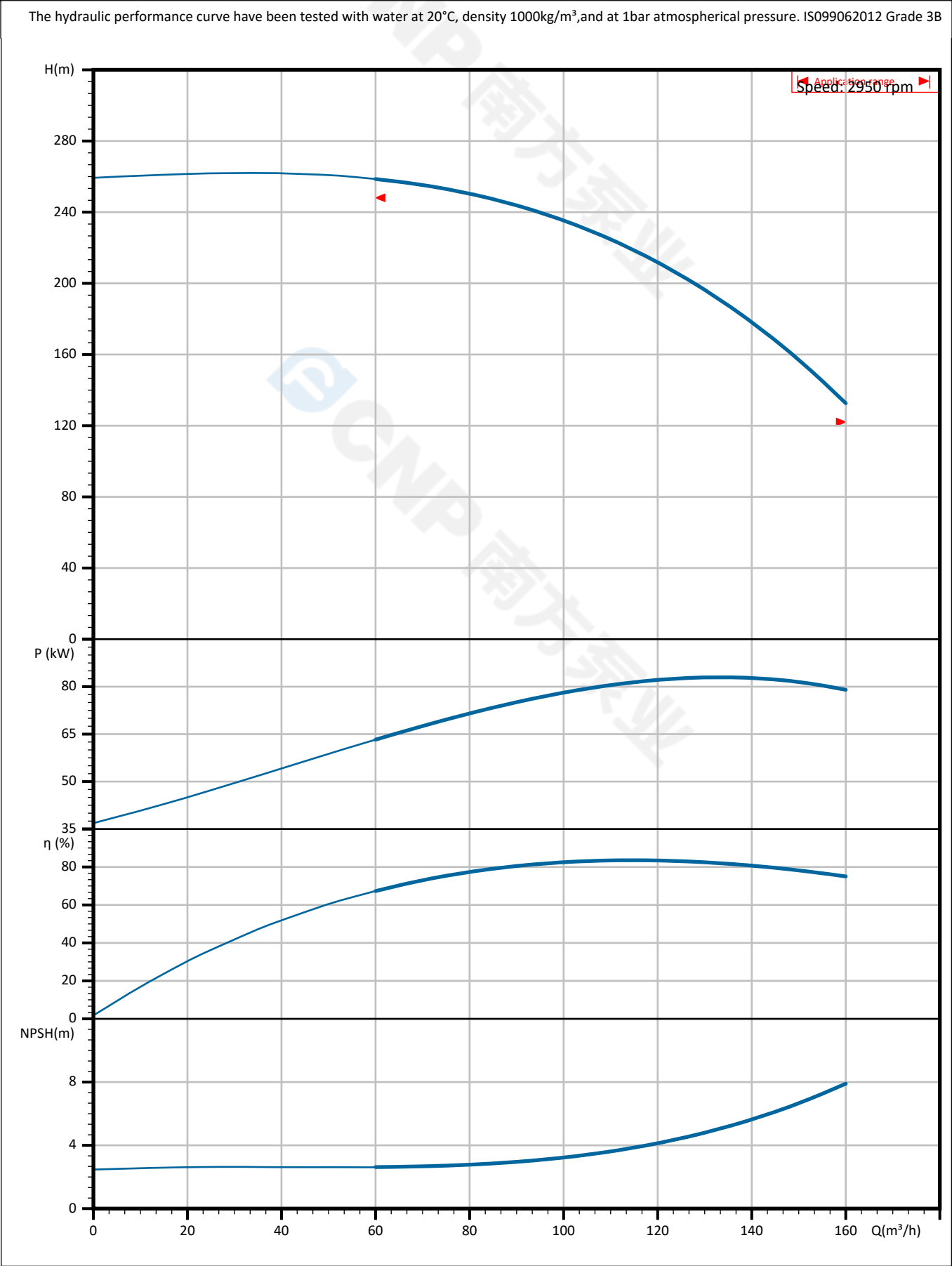
Seal

Mechanical Seal	CDM-28/WB1F14
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Others

Weight (kg)	819
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	Performance Curve CDM125-8	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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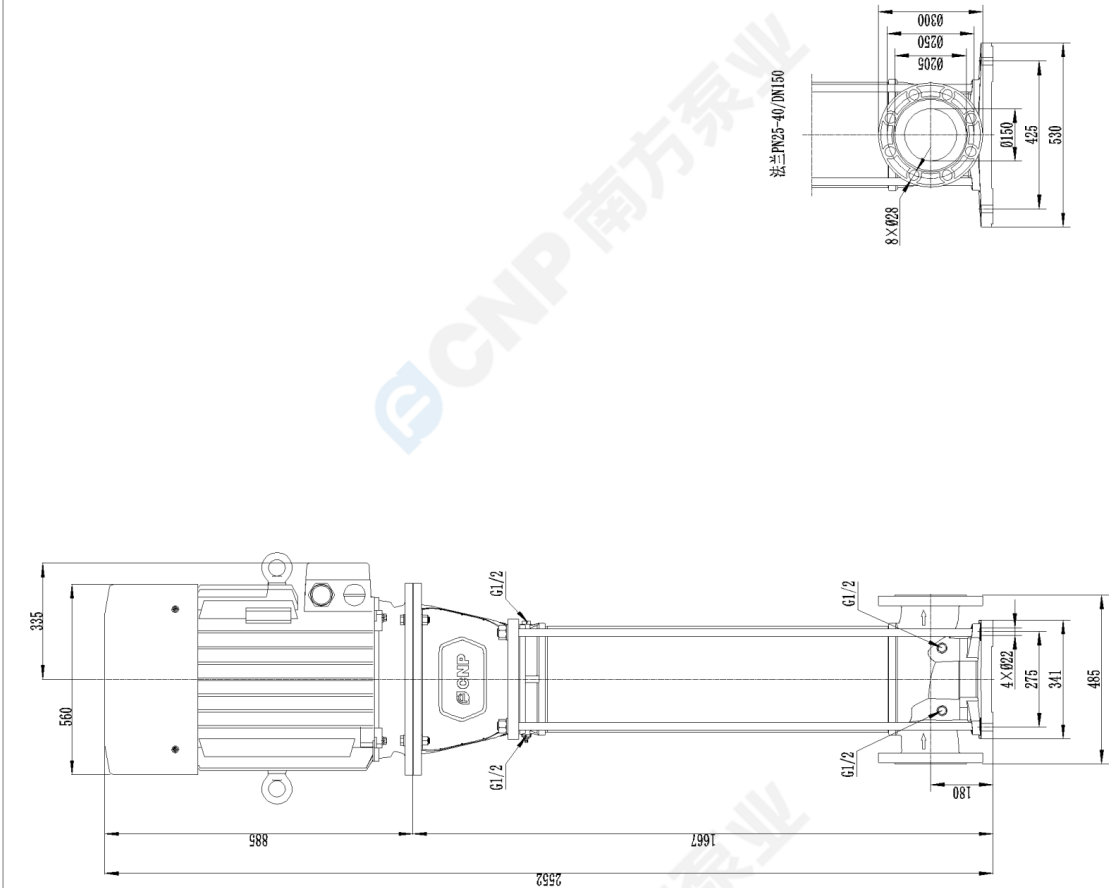
 CNP 南方泵业	Pump Technical Parameters CDM125-8	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM125-8
Part NO.	1100302041
Rated flow	125 m³/h
Rated head	203.5 m
Rated efficiency	83.9 (%)
Power (kW)	82.6 kW
NPSHr (m)	4.4
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 CDM125-8 pump, plotted against flow rate (Q) in m³/h. The y-axes represent Head (H) in meters, Power (P) in kW, Efficiency (η) in percent, and Net Positive Suction Head (NPSH) in meters.

- Head (H) vs Flow (Q):** The head starts at approximately 265 m at 0 m³/h, peaks at about 268 m around 60 m³/h, and then decreases to approximately 135 m at 150 m³/h.
- Power (P) vs Flow (Q):** The power increases steadily from about 35 kW at 0 m³/h to a peak of approximately 82.6 kW at 125 m³/h, then slightly decreases to about 80 kW at 150 m³/h.
- Efficiency (η) vs Flow (Q):** The efficiency starts at 0% at 0 m³/h, rises to a peak of approximately 83.9% at 125 m³/h, and then slightly decreases to about 80% at 150 m³/h.
- NPSH vs Flow (Q):** The required NPSH starts at approximately 2.5 m at 0 m³/h, remains relatively constant until about 60 m³/h, and then increases to approximately 8 m at 150 m³/h.

 CNP 南方泵业	Dimension Drawing CDM125-8	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。

CDM125-8 FSWSC

	Physical picture CDM125-8	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM125-8	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM125-8
Part NO. 1100302041
Product price
Quantity 1
Total price

Inquiry notes