

	Product Information CDM150-2-2	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	Wepko
		Contact	

Part NO.	1100108896
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	150 m³/h
Head	27.5 m
Efficiency	75.8 %
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)	20 bar / 120 °C
Maximum Pressure/Temperature (low temperature)	20 bar / -15 °C
Flange Standard	DIN
Pressure Class	PN25-40
Inlet & outlet	DN125

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	CDMF120,150,200

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	18.5KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	34.2A
Energy Efficiency Level	IE3

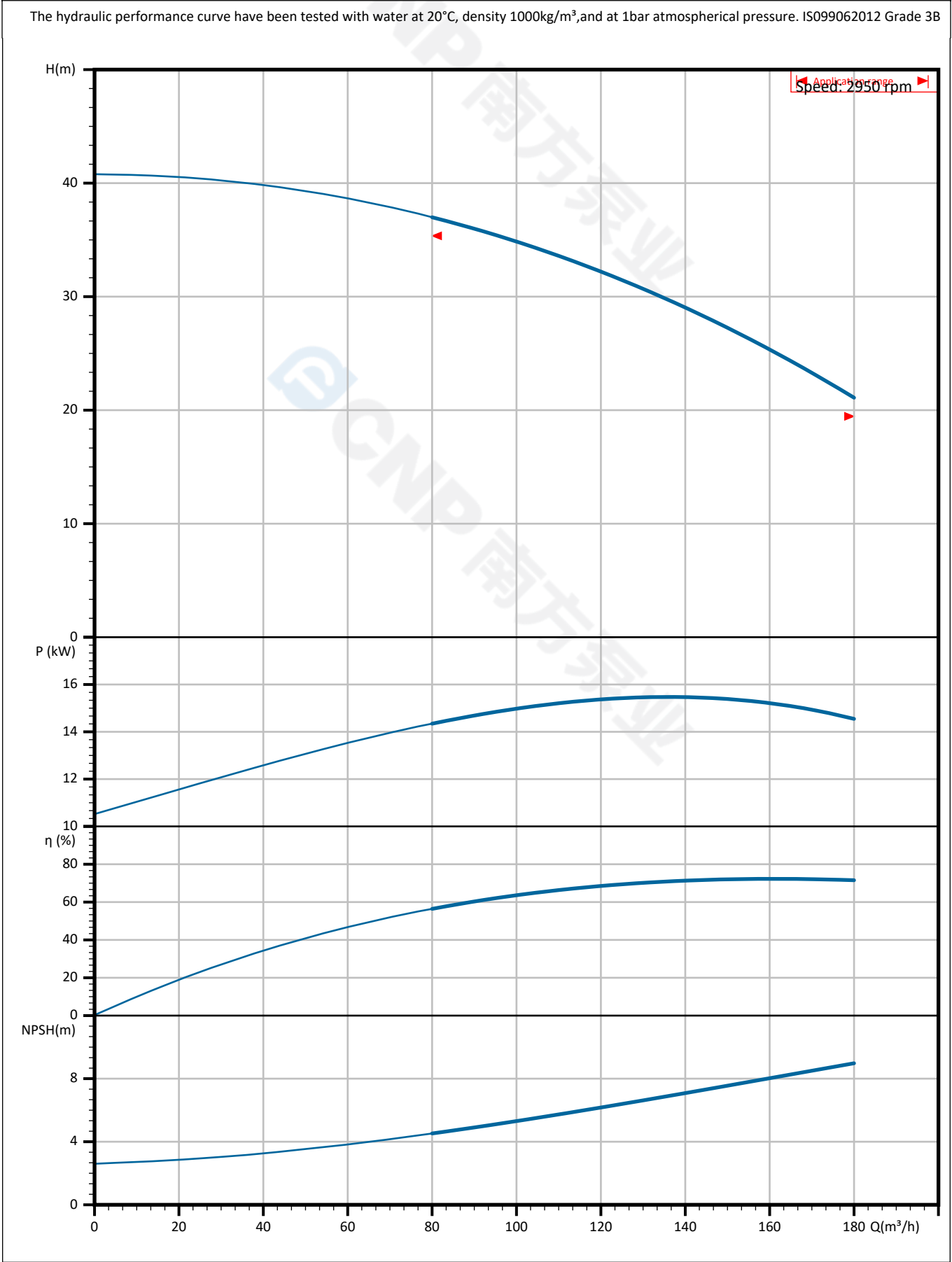
Seal

Mechanical Seal	CDLA-32/WB1F14
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Others

Weight (kg)	250
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	Performance Curve CDM150-2-2	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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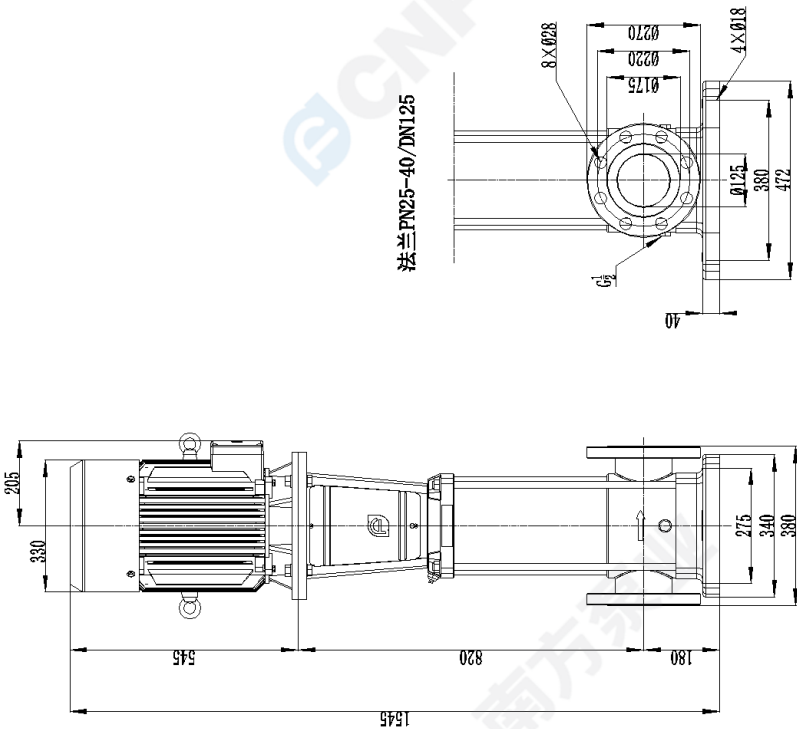
 CNP 南方泵业	Pump Technical Parameters CDM150-2-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM150-2-2
Part NO.	1100108896
Rated flow	150 m³/h
Rated head	27.5 m
Rated efficiency	75.8 (%)
Power (kW)	14.8 kW
NPSHr (m)	6.5
Speed (rpm)	2950
Max impeller diameter (mm)	139
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

The figure displays four performance graphs for the CDM150-2-2 pump, plotted against flow rate (Q) in m³/h. The x-axis for all graphs ranges from 0 to 160 m³/h, with major grid lines every 40 units. The y-axes are: Head (H) in meters (0 to 50), Power (P) in kW (8 to 18), Efficiency (η) in percent (0 to 100), and Net Positive Suction Head (NPSH) in meters (0 to 12). The Head curve starts at approximately 41 m at 0 m³/h and decreases to about 21 m at 160 m³/h. The Power curve starts at approximately 10.5 kW at 0 m³/h, peaks at about 15.5 kW around 130 m³/h, and then slightly decreases. The Efficiency curve starts at 0% at 0 m³/h and increases to about 76% at 160 m³/h. The NPSH curve starts at approximately 2.5 m at 0 m³/h and increases linearly to about 9 m at 160 m³/h.

Flow Rate (Q) [m³/h]	Head (H) [m]	Power (P) [kW]	Efficiency (η) [%]	NPSH [m]
0	41	10.5	0	2.5
40	40	12.5	35	3.0
80	37	14.5	58	4.5
120	32	15.5	72	6.5
160	21	14.5	76	9.0

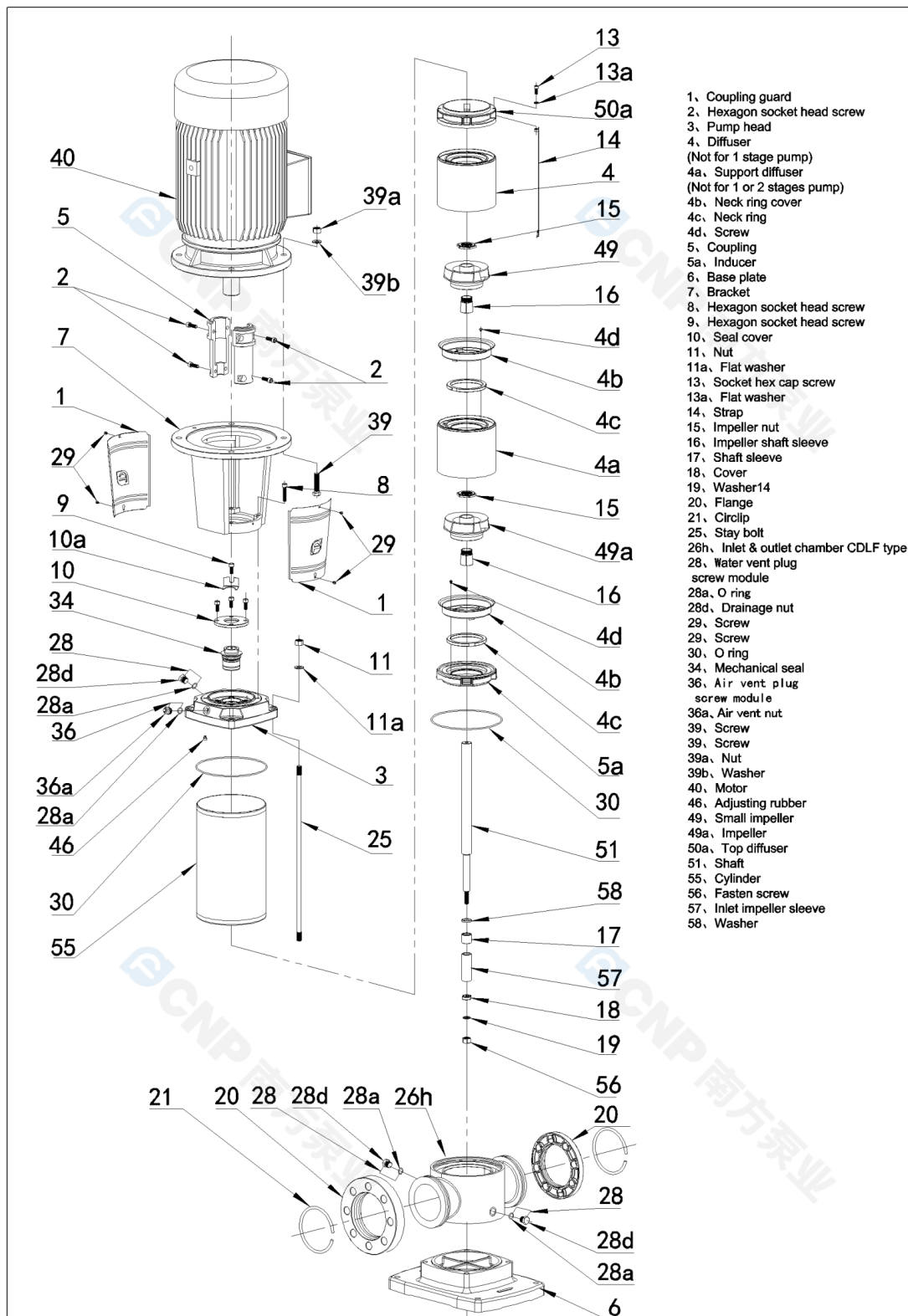
 CNP 南方泵业	Dimension Drawing CDM150-2-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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注:隔爆电机外形尺寸有所变动, 详情咨询公司。

CDM150-20-2FSWSC

 CNP 南方泵业	Explosed view CDM150-2-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Drawing 1-K CDMF120, 150, 200-240704

 CNP 南方泵业	Physical picture CDM150-2-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM150-2-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM150-2-2

Part NO. 1100108896

Product price

Quantity 1

Total price

Inquiry notes