

	Product Information CDM150-6-1	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	Wepko
		Contact	

Part NO.	1100106358
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	120.5 m
Efficiency	75.8 %
Speed	2950 rpm
Number of stages	6

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)	75KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	134A
Energy Efficiency Level	IE3

Seal

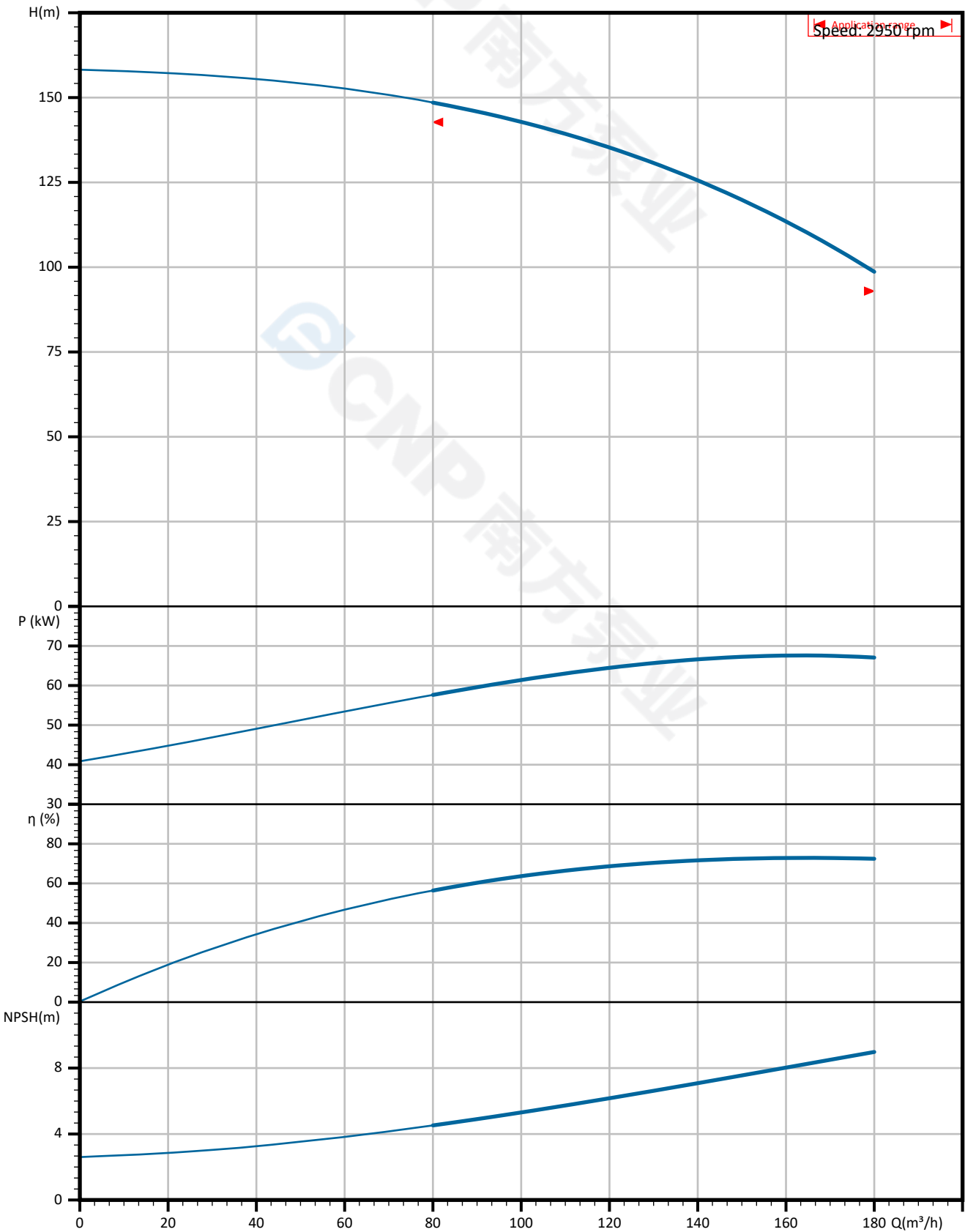
Mechanical Seal	CDLA-32/WB1F14
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Others

Weight (kg)	700
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	Performance Curve CDM150-6-1	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



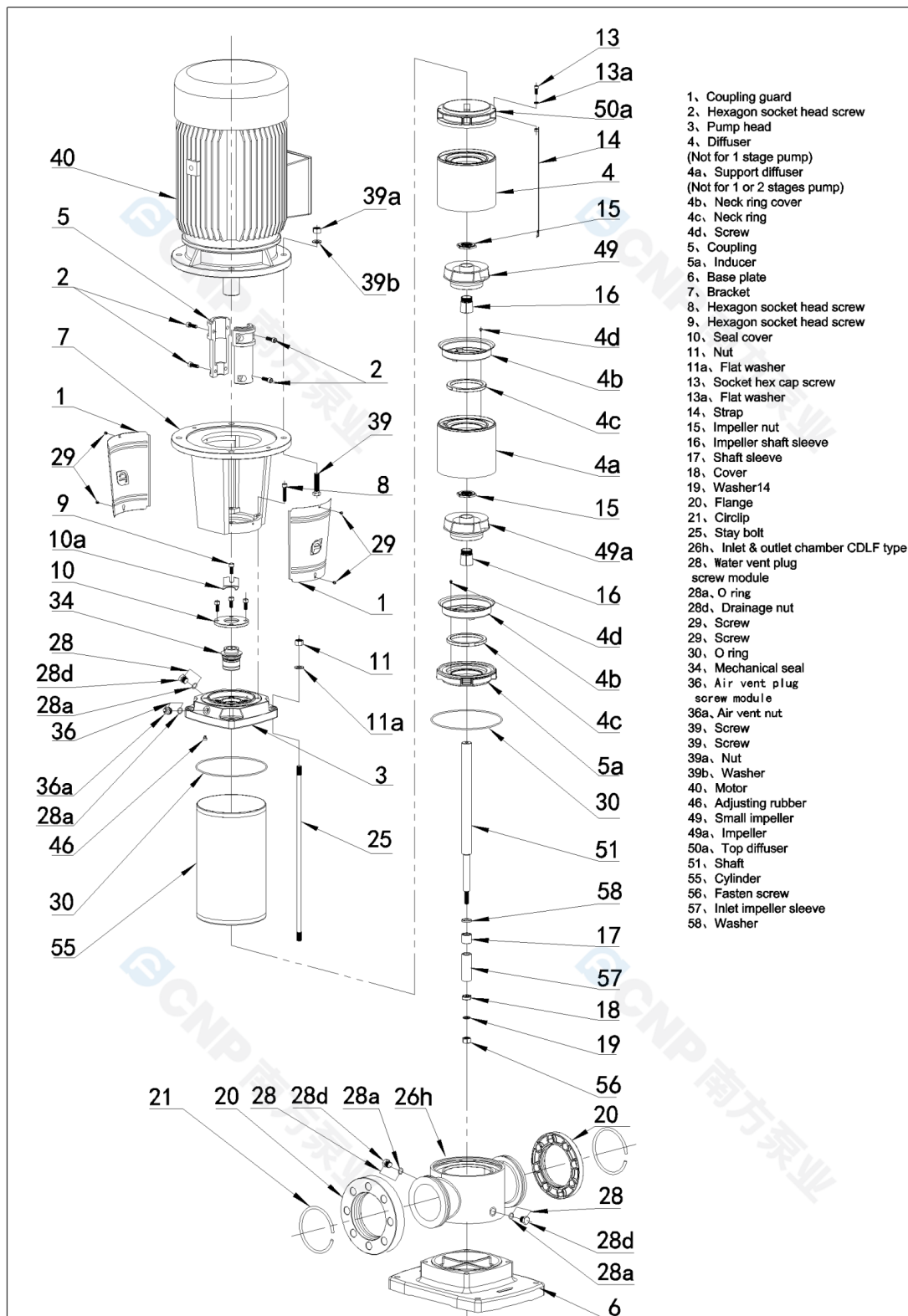
 CNP 南方泵业	Pump Technical Parameters CDM150-6-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM150-6-1
Part NO.	1100106358
Rated flow	150 m³/h
Rated head	120.5 m
Rated efficiency	75.8 (%)
Power (kW)	65 kW
NPSHr (m)	6.5
Speed (rpm)	2950
Max impeller diameter (mm)	152
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 CDM150-6-1 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 and minor grid lines every 20 units. The y-axes are: Head (H) in meters (0 to 175), Power (P) in kW (0 to 80), Efficiency (η) in percent (0 to 80), and NPSH in meters (0 to 8). The Head curve starts at approximately 160 m at 0 m³/h and decreases to about 100 m at 160 m³/h. The Power curve starts at approximately 40 kW at 0 m³/h and increases to about 68 kW at 160 m³/h. The Efficiency curve starts at 0% at 0 m³/h, rises to a peak of about 76% at 140 m³/h, and then slightly decreases. The NPSH curve starts at approximately 2.5 m at 0 m³/h and increases to about 9 m at 160 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)	NPSH (m)
0	160	40	0	2.5
40	155	48	35	3.0
80	145	58	58	4.0
120	125	65	72	6.0
160	100	68	75	9.0

 CNP 南方泵业	Explosed view CDM150-6-1	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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		Date	2025/07/08
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Wepko
		Contact	



Drawing 1-K CDMF120, 150, 200-240704

 CNP 南方泵业	Physical picture CDM150-6-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM150-6-1	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
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Pump model CDM150-6-1
Part NO. 1100106358
Product price
Quantity 1
Total price

Inquiry notes