

	Product Information CDM150-5-2	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.	1100106354
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	92 m
Efficiency	75.8 %
Speed	2950 rpm
Number of stages	5

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)	55KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	98.5A
Energy Efficiency Level	IE3

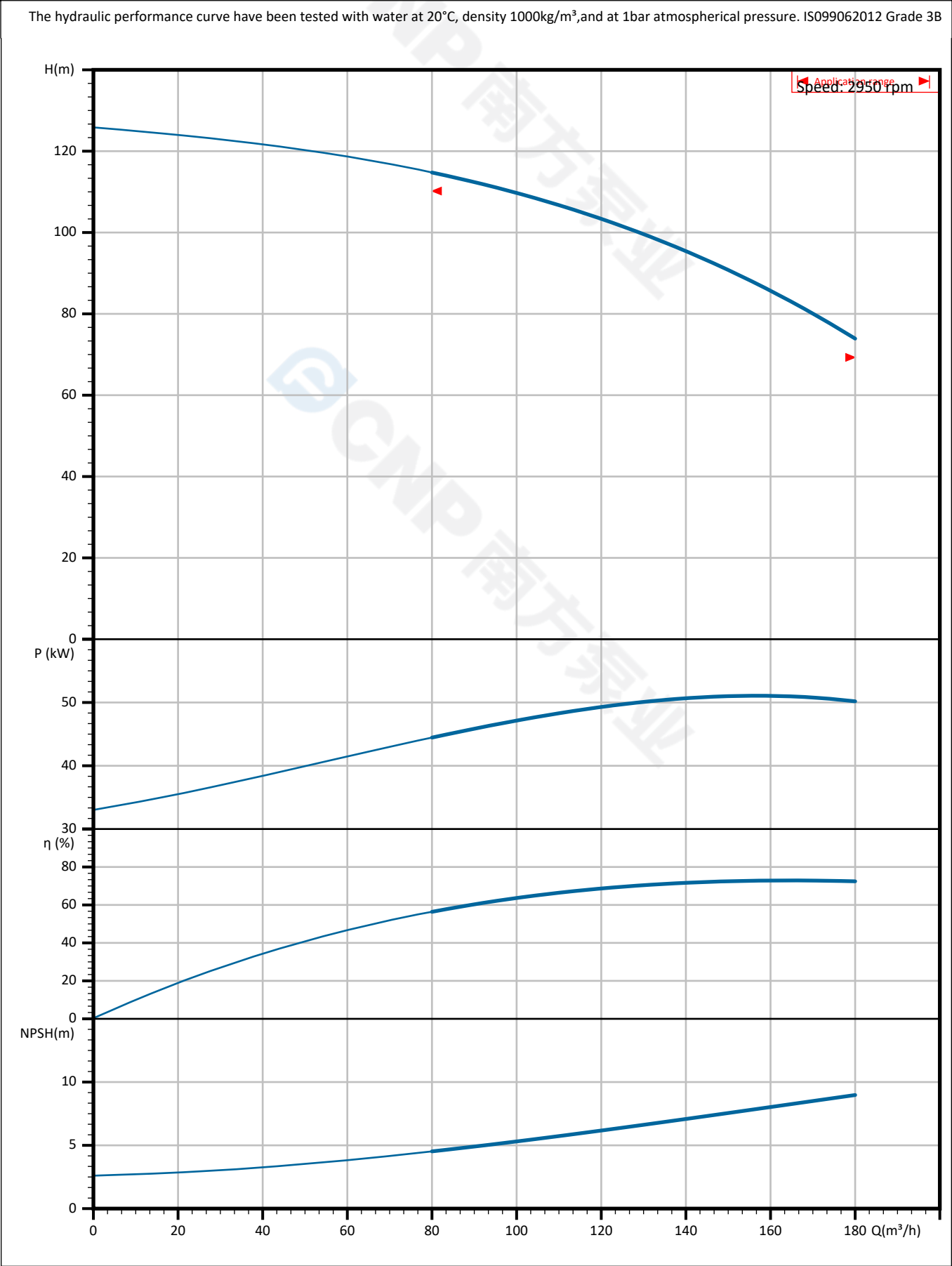
Seal

Mechanical Seal	CDLA-32/WB1F14
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Others

Weight (kg)	570
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	Performance Curve CDM150-5-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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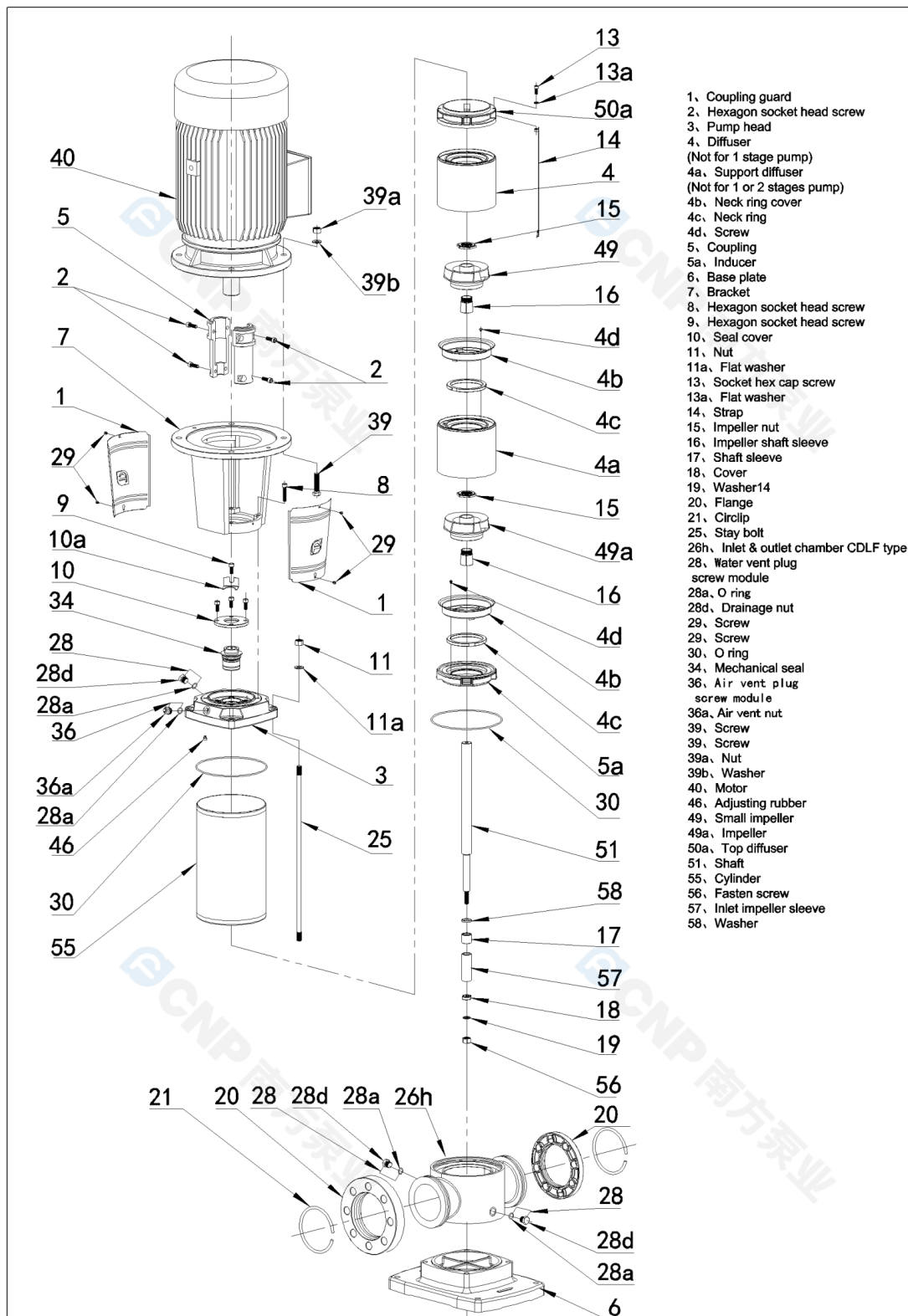
 CNP 南方泵业	Pump Technical Parameters CDM150-5-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM150-5-2
Part NO.	1100106354
Rated flow	150 m³/h
Rated head	92 m
Rated efficiency	75.8 (%)
Power (kW)	49.6 kW
NPSHr (m)	6.5
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 CDM150-5-2 pump, plotted against flow rate Q in m^3/h on the x-axis (0 to 160). The y-axes represent Head H in meters (0 to 140), Power P in kilowatts (30 to 60), Efficiency η in percent (0 to 80), and Net Positive Suction Head $NPSH$ in meters (0 to 10). The Head curve starts at approximately 128 m at $Q=0$ and decreases to about 75 m at $Q=150$. The Power curve starts at approximately 33 kW at $Q=0$ and increases to about 50 kW at $Q=150$. The Efficiency curve starts at 0% at $Q=0$ and increases to about 76% at $Q=150$. The NPSH curve starts at approximately 2.5 m at $Q=0$ and increases to about 9 m at $Q=150$.

Q (m^3/h)	H (m)	P (kW)	η (%)	$NPSH$ (m)
0	128	33	0	2.5
40	122	38	35	3.0
80	115	45	55	4.5
120	105	49	72	6.5
150	75	50	76	9.0

 CNP 南方泵业	Explosed view CDM150-5-2	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 CDM150-5-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM150-5-2	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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Pump model CDM150-5-2
Part NO. 1100106354
Product price
Quantity 1
Total price

Inquiry notes