

	Product Information CDM155-4-1	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.	1100302112
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	155 m³/h
Head	102 m
Efficiency	80.5 %
Speed	2950 rpm
Number of stages	4

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

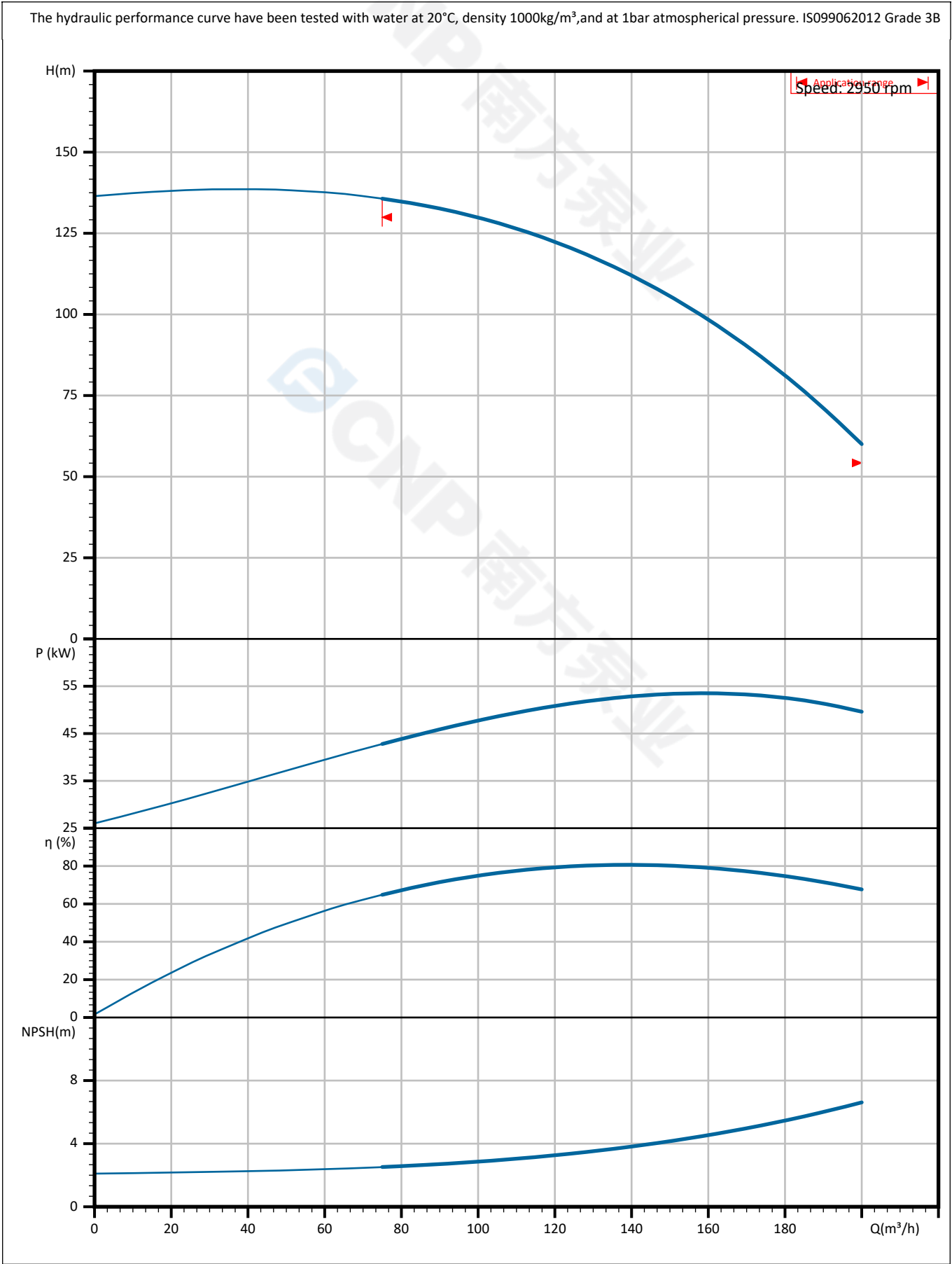
Seal

Mechanical Seal	CDM-22/WB1F14
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Others

Weight (kg)	611
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 CNP 南方泵业	Performance Curve CDM155-4-1	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Pump Technical Parameters CDM155-4-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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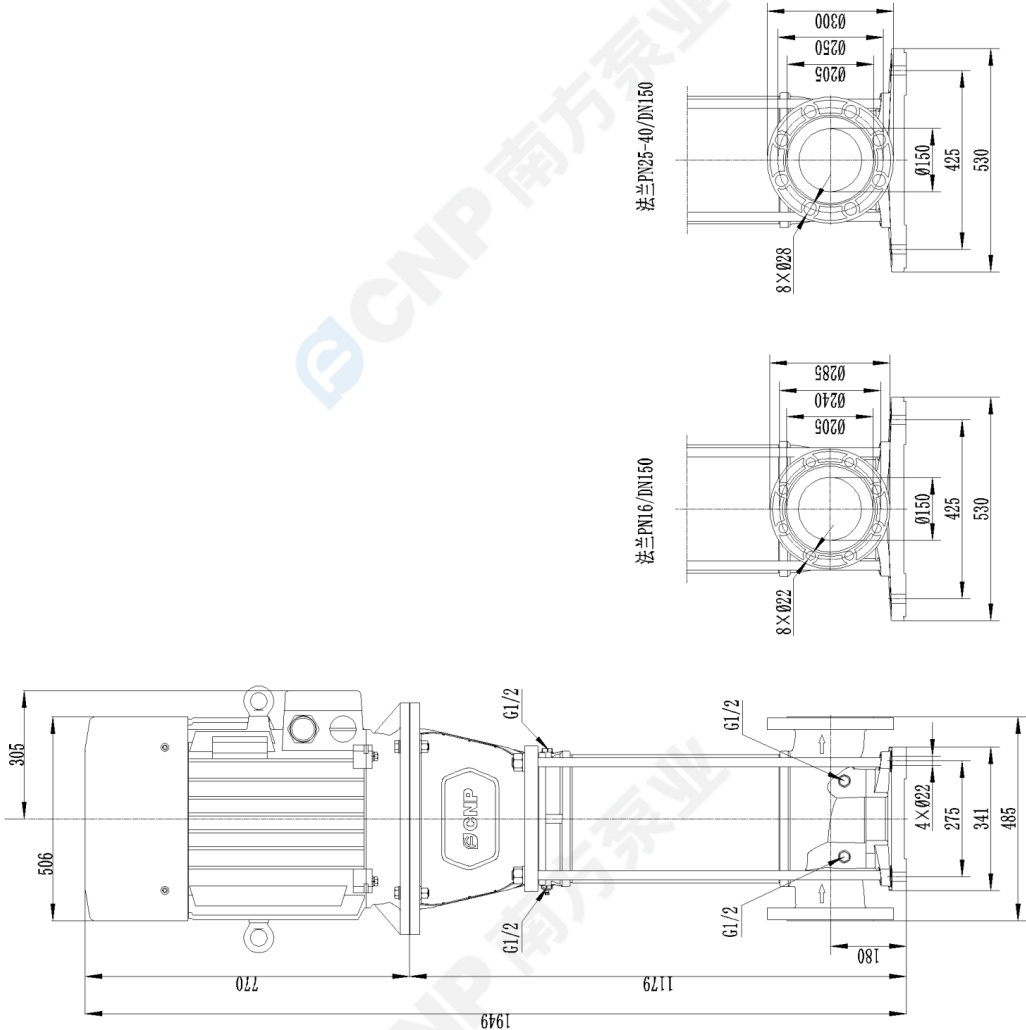
Rated parameters	
Pump model	CDM155-4-1
Part NO.	1100302112
Rated flow	155 m³/h
Rated head	102 m
Rated efficiency	80.5 (%)
Power (kW)	53.5 kW
NPSHr (m)	4.3
Speed (rpm)	2950
Max impeller diameter (mm)	168
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

The figure displays four performance curves for the CDM155-4-1 pump, plotted against flow rate Q in m^3/h on the x-axis (0 to 180). The y-axes represent Head H in meters (0 to 175), Power P in kilowatts (0 to 60), Efficiency η in percent (0 to 80), and Net Positive Suction Head $NPSH$ in meters (0 to 8). The Head curve starts at approximately 135 m at $Q=0$, peaks at about 138 m around $Q=60$, and then declines to approximately 60 m at $Q=180$. The Power curve starts at approximately 25 kW at $Q=0$, rises to a peak of about 55 kW around $Q=150$, and then slightly declines to about 50 kW at $Q=180$. The Efficiency curve starts at 0% at $Q=0$, rises to a peak of about 80% around $Q=150$, and then declines to about 70% at $Q=180$. The $NPSH$ curve starts at approximately 2 m at $Q=0$ and rises steadily to about 7 m at $Q=180$.

Q (m^3/h)	H (m)	P (kW)	η (%)	$NPSH$ (m)
0	135	25	0	2
40	138	35	40	2.5
80	135	45	65	3
120	125	50	78	3.5
160	100	55	80	4.5
180	60	50	70	7

	Dimension Drawing CDM155-4-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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CDMF155-4-1 FSWSC



注：隔爆电机外形尺寸有所变动，详情咨询本公司。

 CNP 南方泵业	Physical picture CDM155-4-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM155-4-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM155-4-1
Part NO. 1100302112
Product price
Quantity 1
Total price

Inquiry notes