

	Product Information CDM65-2	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.	1100105077
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	65 m³/h
Head	40 m
Efficiency	72.3 %
Speed	2900 rpm
Number of stages	2

Technology

Pump rotator speed	2900
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	PN16
Inlet & outlet	DN100

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	CDMF32,42,65

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	11KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	20.6A
Energy Efficiency Level	IE3

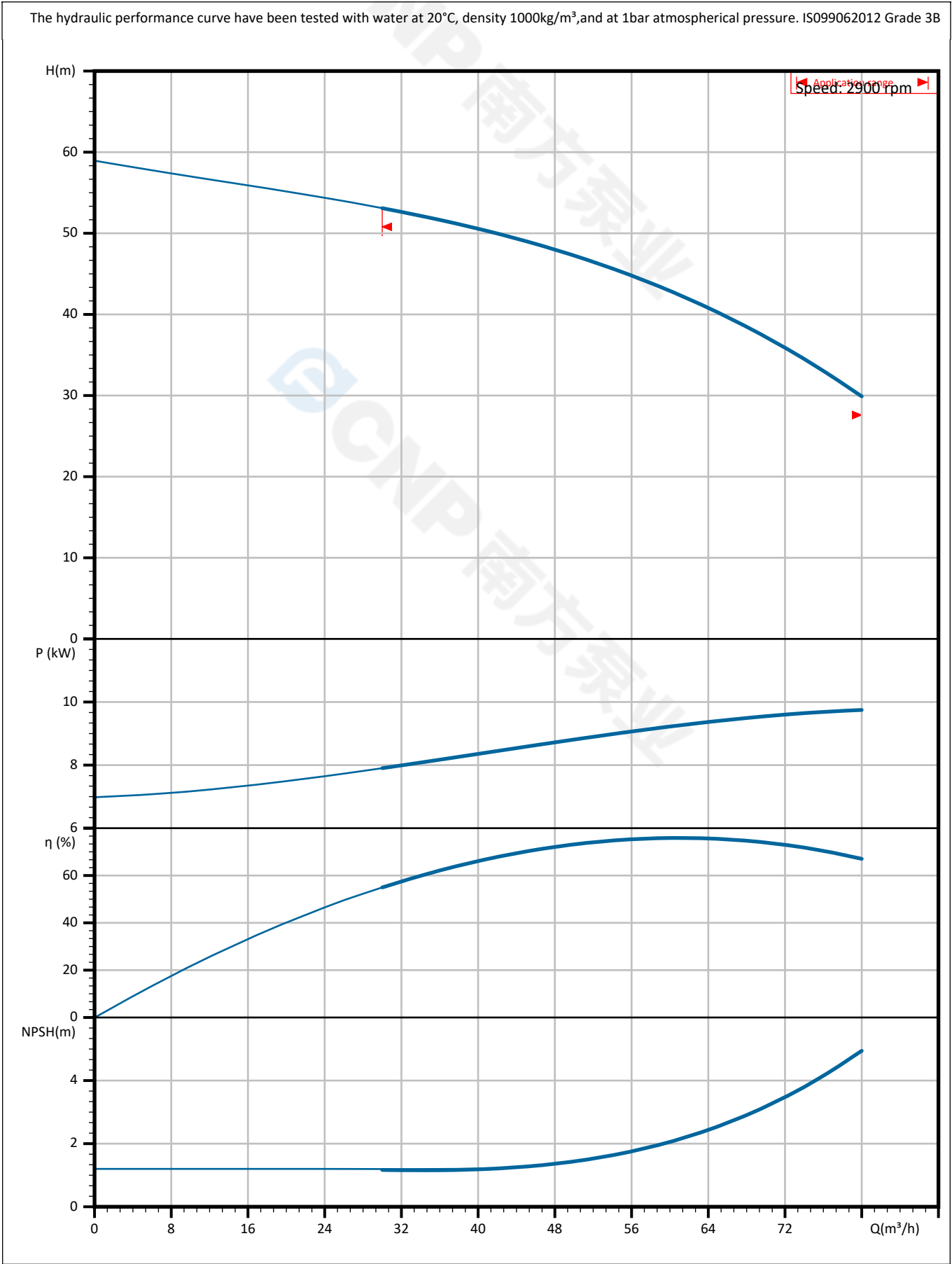
Seal

Mechanical Seal	CDLA-22/WB1F14
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Others

Weight (kg)	182
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 CNP 南方泵业	Performance Curve CDM65-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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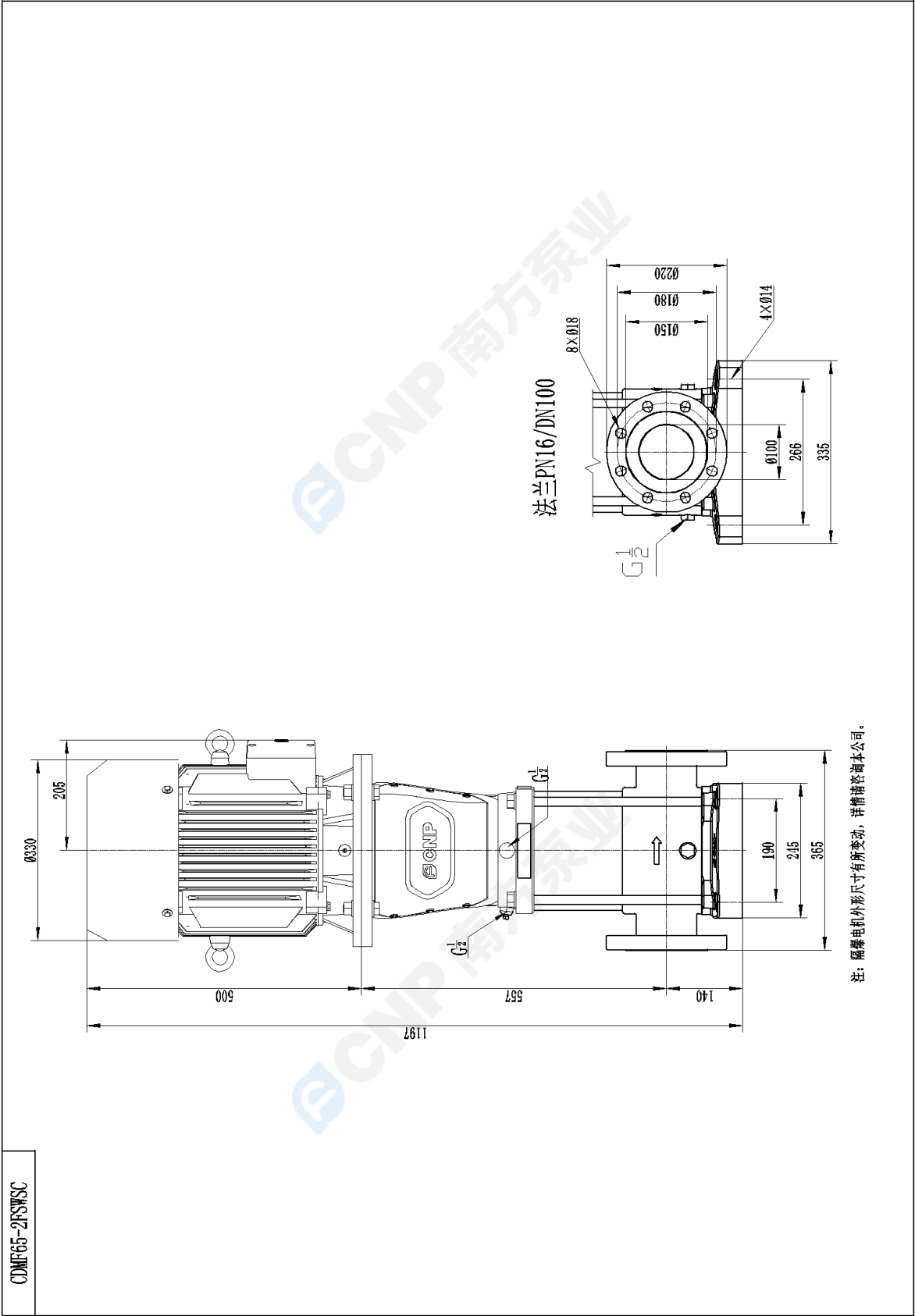
 CNP 南方泵业	Pump Technical Parameters CDM65-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM65-2
Part NO.	1100105077
Rated flow	65 m³/h
Rated head	40 m
Rated efficiency	72.3 (%)
Power (kW)	9.8 kW
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	142
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

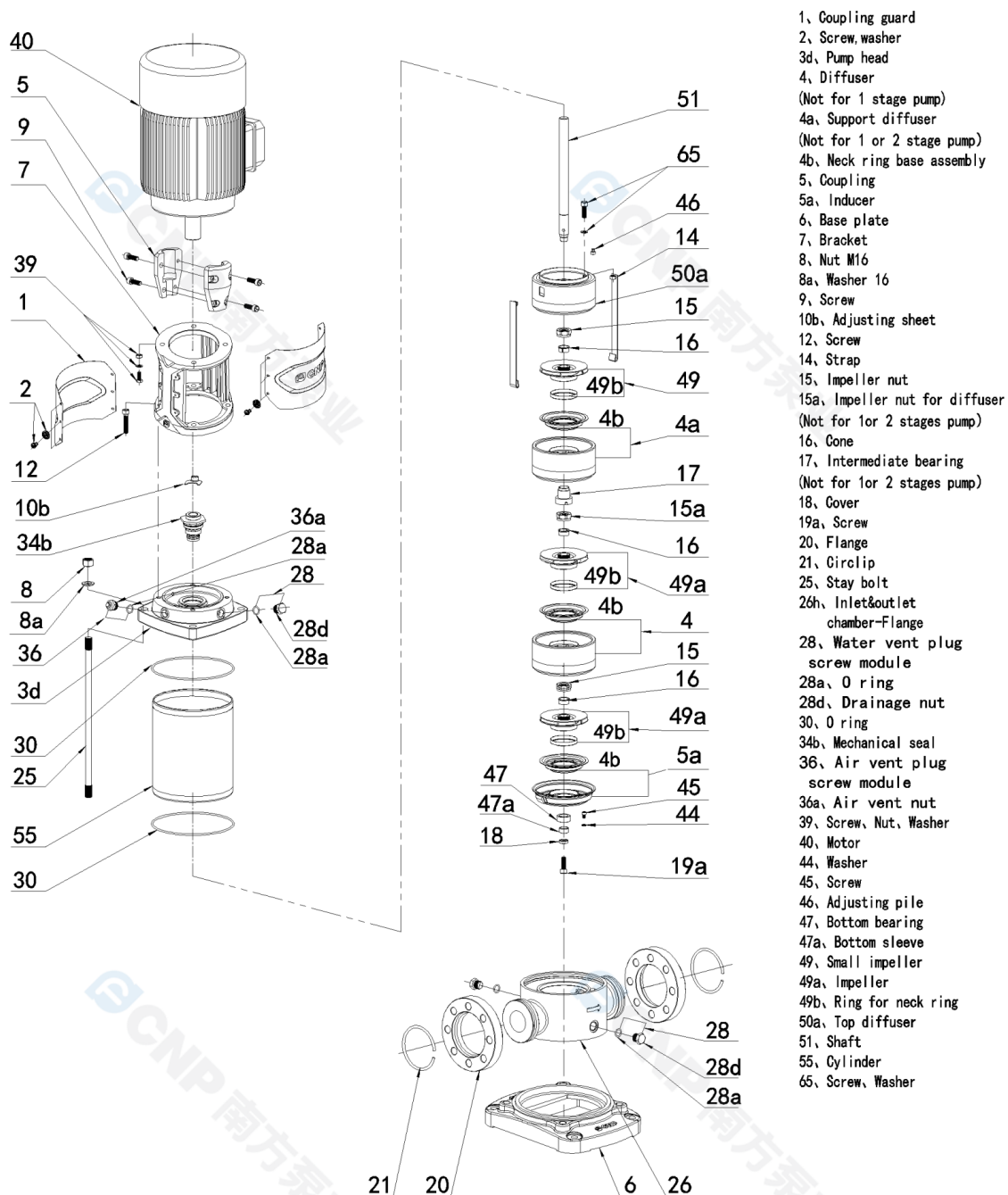
The figure displays four performance curves for the CDM65-2 pump, plotted against flow rate (Q) in m³/h. The x-axis for all graphs ranges from 0 to 80 m³/h, with major grid lines every 16 m³/h. The y-axes are: Head (H) in meters (0-70), Power (P) in kW (0-10), Efficiency (η) in percent (0-60), and NPSH in meters (0-4). The Head curve starts at approximately 58m at 0 m³/h and decreases to 30m at 80 m³/h. The Power curve starts at approximately 6.8kW at 0 m³/h and increases to 9.8kW at 80 m³/h. The Efficiency curve starts at 0% at 0 m³/h, peaks at approximately 72.3% at 65 m³/h, and then slightly decreases. The NPSH curve starts at approximately 1.2m at 0 m³/h and increases to 5.0m at 80 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)	NPSH (m)
0	58	6.8	0	1.2
16	56	7.2	35	1.2
32	53	7.8	55	1.2
48	48	8.5	68	1.5
64	40	9.2	72.3	2.5
80	30	9.8	70	5.0

	Dimension Drawing CDM65-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Explosed view CDM65-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Drawing 1-I CDMF32, 42, 65-240704

 CNP 南方泵业	Physical picture CDM65-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM65-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM65-2
Part NO. 1100105077
Product price
Quantity 1
Total price

Inquiry notes