

	Product Information CDM65-7	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.	1100105102
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	146 m
Efficiency	72.3 %
Speed	2900 rpm
Number of stages	7

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

 CNP 南方泵业	Product Information CDM65-7	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	

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	45KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	80.8A
Energy Efficiency Level	IE3

Seal

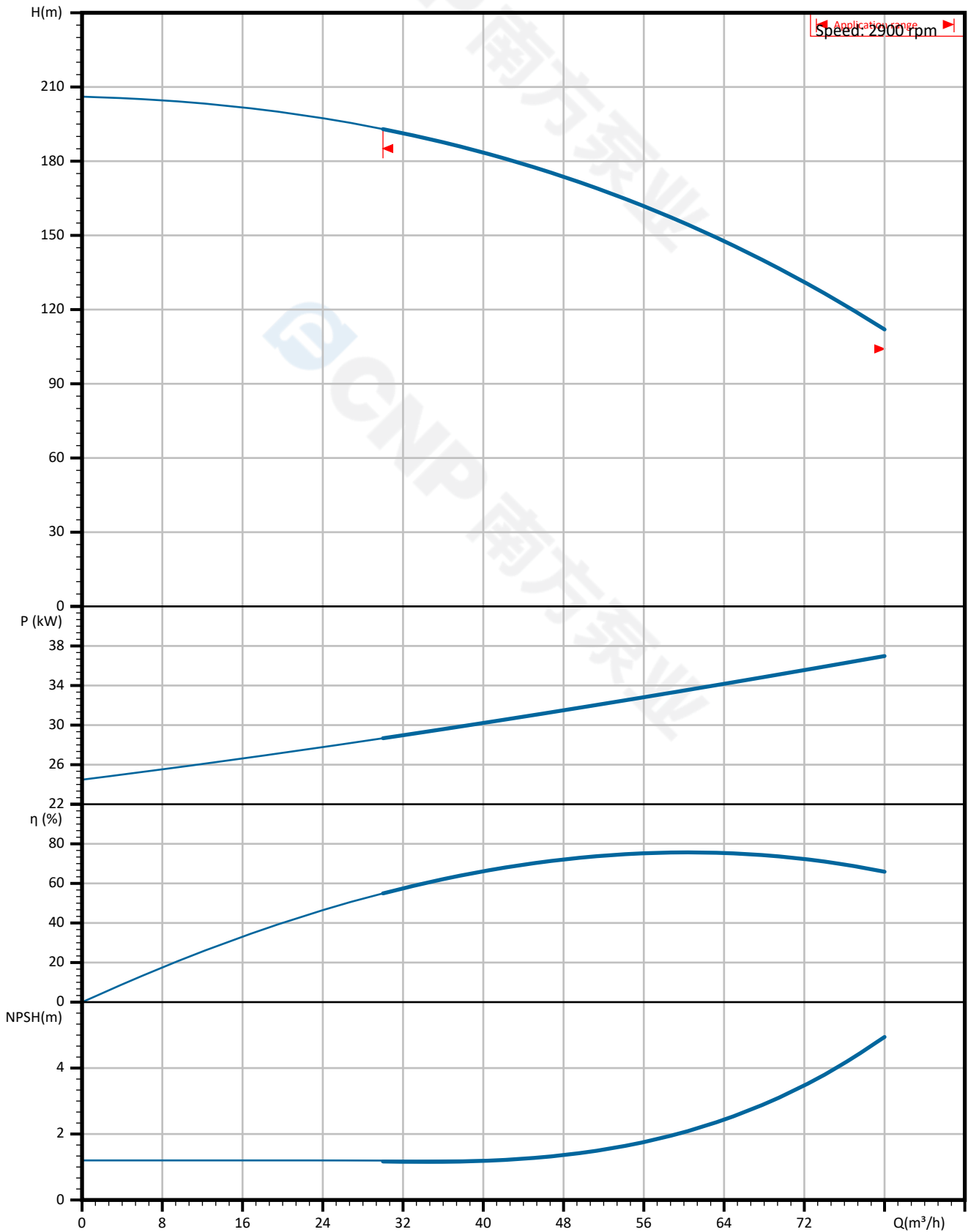
Mechanical Seal	CDLA-22/WB1F14
-----------------	----------------

Others

Weight (kg)	420
-------------	-----

 CNP 南方泵业	Performance Curve CDM65-7	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Wepko
		Contact	

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 CDM65-7	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	

Rated parameters	
Pump model	CDM65-7
Part NO.	1100105102
Rated flow	65 m³/h
Rated head	146 m
Rated efficiency	72.3 (%)
Power (kW)	35.8 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 CDM65-7 pump, plotted against flow rate (Q) in m³/h. The y-axis for all graphs ranges from 0 to 240 for H(m), 0 to 40 for P(kW), 0 to 80 for η(%), and 0 to 4 for NPSH(m). The x-axis ranges from 0 to 80 m³/h.

- H(m) vs Q(m³/h):** The head decreases as flow increases, starting at approximately 210 m at 0 m³/h and ending at approximately 115 m at 65 m³/h.
- P(kW) vs Q(m³/h):** The power increases linearly with flow, starting at approximately 25 kW at 0 m³/h and reaching approximately 38 kW at 65 m³/h.
- η (%) vs Q(m³/h):** The efficiency increases with flow, peaking at approximately 72.3% at 65 m³/h.
- NPSH(m) vs Q(m³/h):** The required NPSH increases with flow, starting at approximately 1.5 m at 0 m³/h and reaching approximately 5.5 m at 65 m³/h.

 CNP 南方泵业	Explosed view CDM65-7	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Wepko
		Contact	



Drawing 1-I CDMF32, 42, 65-240704

 CNP 南方泵业	Physical picture CDM65-7	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	Wepko
		Contact	



 CNP 南方泵业	Order Data CDM65-7	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Pump model CDM65-7
Part NO. 1100105102
Product price
Quantity 1
Total price

Inquiry notes