

	Product Information CDM32-10	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	

Part NO.	1100104892
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	32 m³/h
Head	138 m
Efficiency	68.5 %
Speed	2900 rpm
Number of stages	10

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)	30 bar / 120 °C
Maximum Pressure/Temperature (low temperature)	30 bar / -15 °C
Flange Standard	DIN
Pressure Class	PN25-40
Inlet & outlet	DN65

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)	18.5KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	34.2A
Energy Efficiency Level	IE3

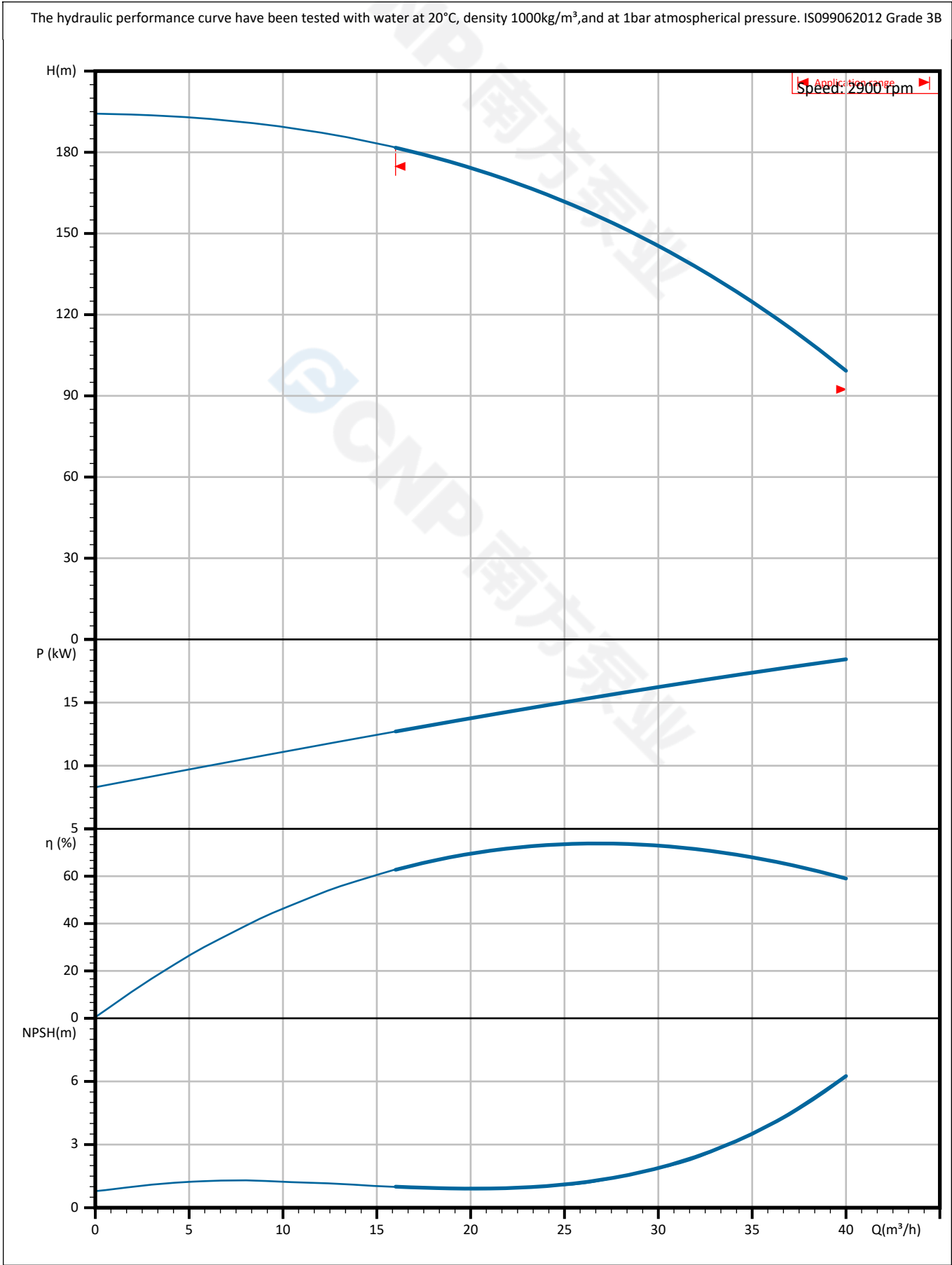
Seal

Mechanical Seal	CDLA-22/WB1F14
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Others

Weight (kg)	227
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	Performance Curve CDM32-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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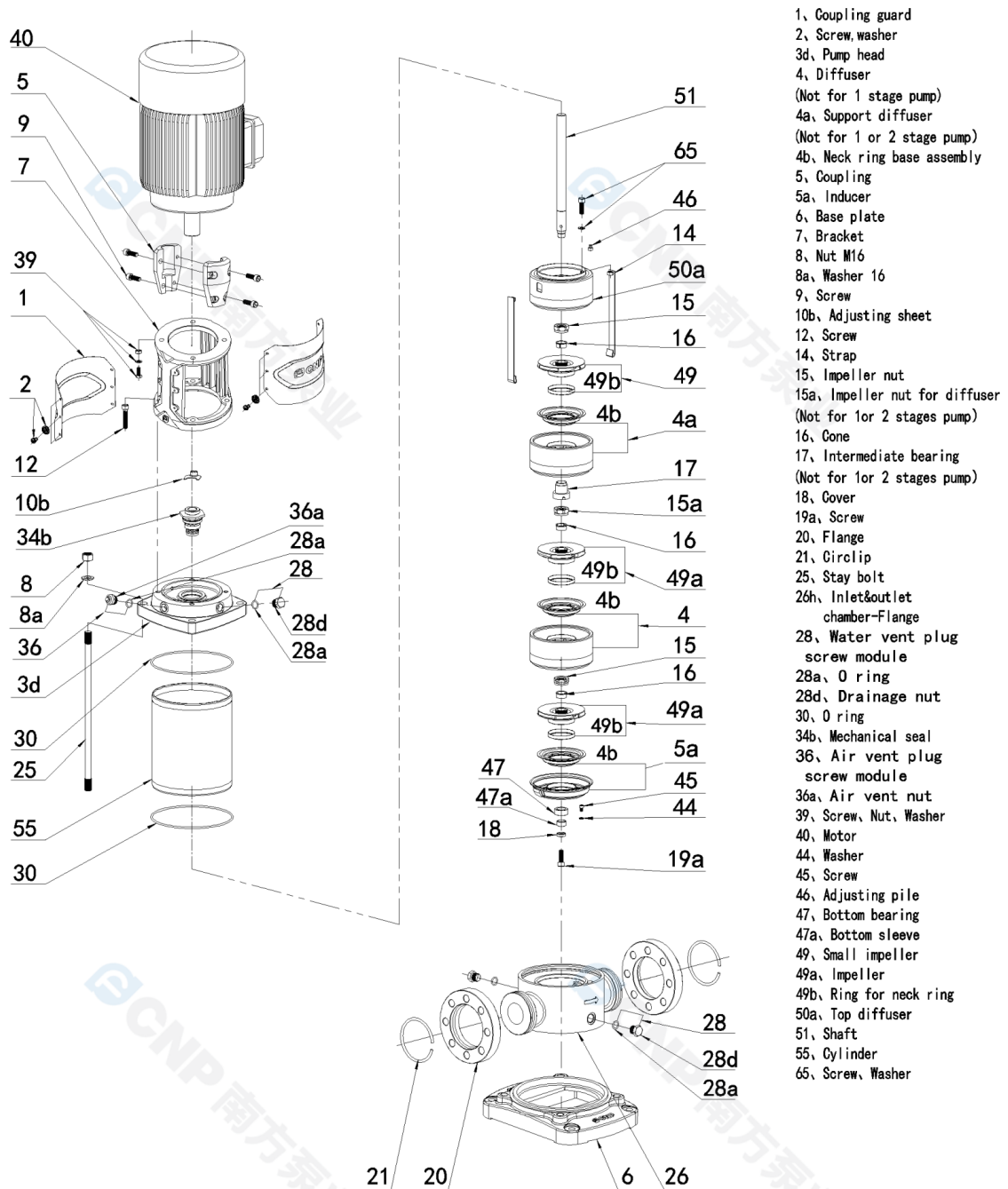
 CNP 南方泵业	Pump Technical Parameters CDM32-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM32-10
Part NO.	1100104892
Rated flow	32 m³/h
Rated head	138 m
Rated efficiency	68.5 (%)
Power (kW)	17.6 kW
NPSHr (m)	2
Speed (rpm)	2900
Max impeller diameter (mm)	118
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 CDM32-10 pump, plotted against the flow rate Q in m^3/h on the x-axis, ranging from 0 to 40. The y-axes represent Head H (m), Power P (kW), Efficiency η (%), and Net Positive Suction Head NPSH (m).

- Head H (m):** The curve starts at approximately 200 m at $Q=0$ and decreases to about 100 m at $Q=40$.
- Power P (kW):** The curve starts at approximately 8 kW at $Q=0$ and increases to about 18 kW at $Q=40$.
- Efficiency η (%):** The curve starts at 0% at $Q=0$, peaks at approximately 68.5% around $Q=25$, and decreases to about 60% at $Q=40$.
- NPSH (m):** The curve starts at approximately 1 m at $Q=0$, remains relatively flat until $Q=10$, and then increases to about 6 m at $Q=40$.

 CNP 南方泵业	Explosed view CDM32-10	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 CDM32-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM32-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM32-10
Part NO. 1100104892
Product price
Quantity 1
Total price

Inquiry notes