

	Product Information CDM20-13	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	

Part NO.	1100090789
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	20 m³/h
Head	155 m
Efficiency	72 %
Speed	2900 rpm
Number of stages	13

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	PN25
Inlet & outlet	DN50

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
Expolded view	CDMF15,20exploded view

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	15KW
Power Frequency(Hz)	50Hz
Rated Voltage (V)	380V
Rated Current (A)	27.9A
Energy Efficiency Level	IE3

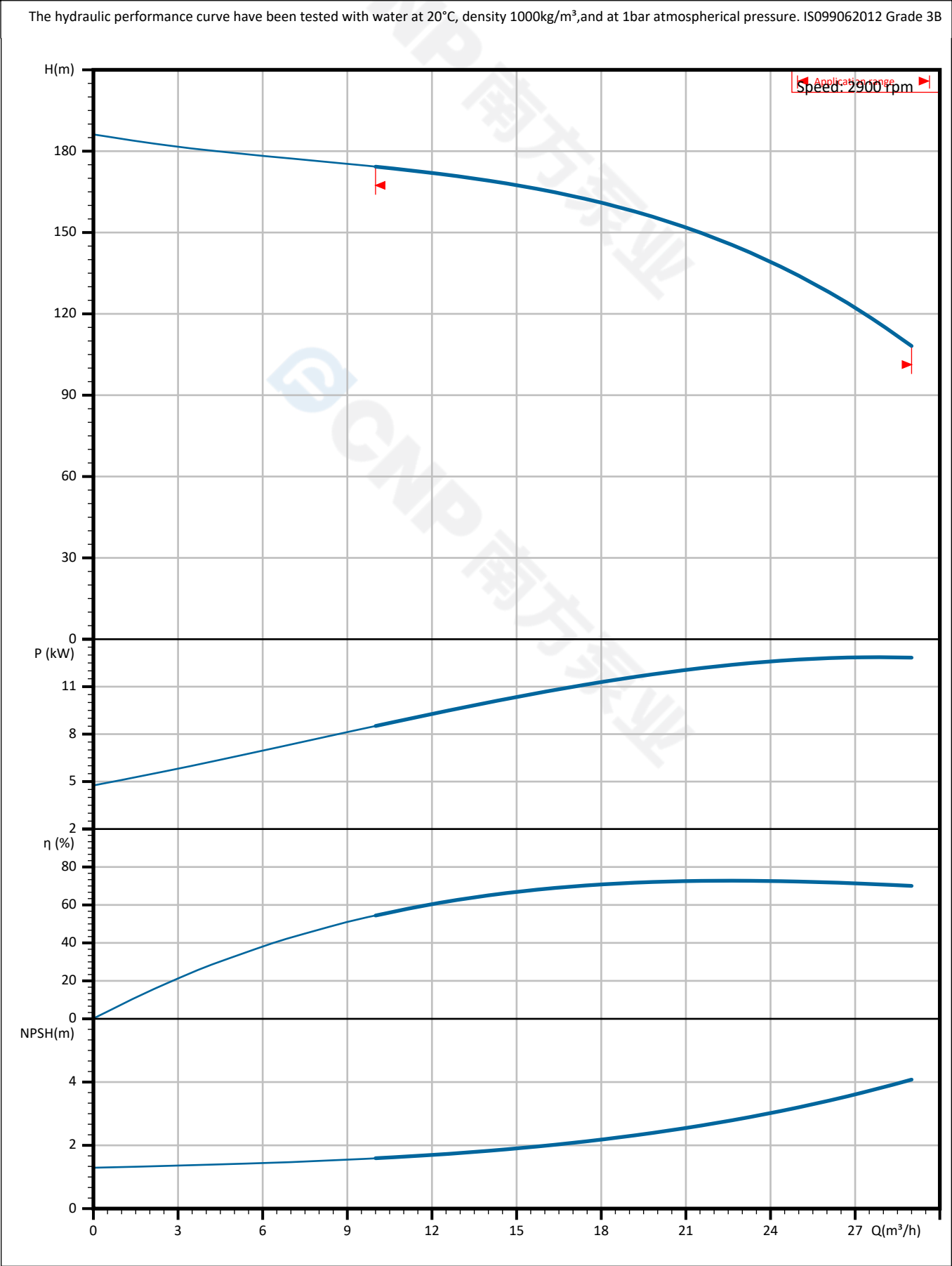
Seal

Mechanical Seal	CDLA-16/WB1F14
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Others

Weight (kg)	182
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 CNP 南方泵业	Performance Curve CDM20-13	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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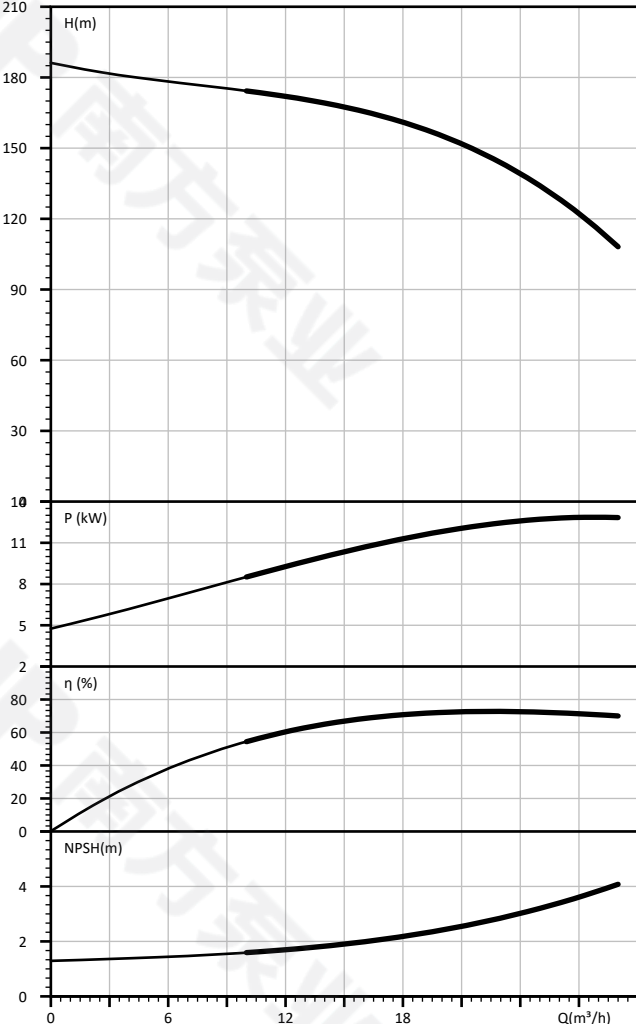
 CNP 南方泵业	Pump Technical Parameters CDM20-13	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters

Pump model	CDM20-13
Part NO.	1100090789
Rated flow	20 m³/h
Rated head	155 m
Rated efficiency	72 (%)
Power (kW)	11.7 kW
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	106

Medium

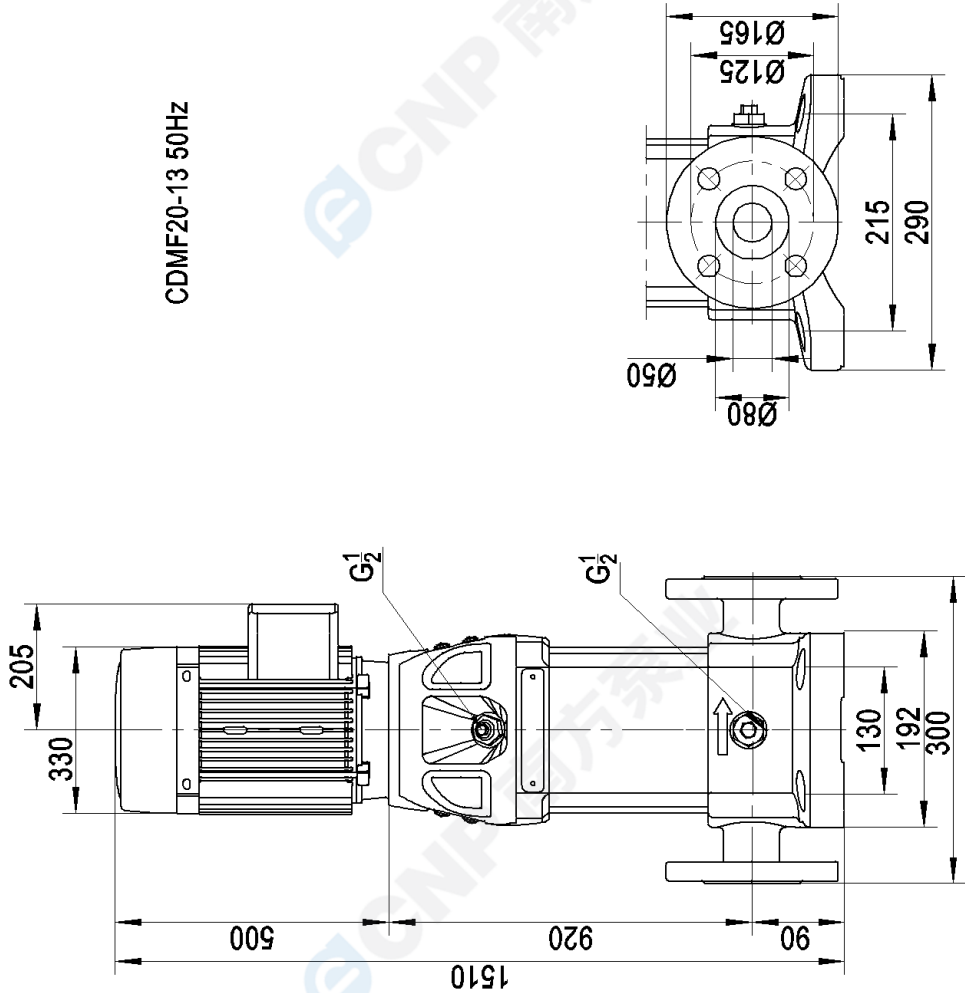
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



The figure displays four performance curves for the CDM20-13 pump, plotted against flow rate (Q) in m³/h on the x-axis (0 to 24). The y-axes represent Head (H) in meters (0 to 210), Power (P) in kW (0 to 12), Efficiency (η) in percent (0 to 80), and NPSHr in meters (0 to 4). The Head curve starts at approximately 185 m at 0 m³/h and decreases to about 110 m at 24 m³/h. The Power curve starts at 5 kW at 0 m³/h and increases to about 11.7 kW at 24 m³/h. The Efficiency curve starts at 0% at 0 m³/h and increases to about 72% at 24 m³/h. The NPSHr curve starts at 2.5 m at 0 m³/h and increases to about 4 m at 24 m³/h.

Flow (Q) [m³/h]	Head (H) [m]	Power (P) [kW]	Efficiency (η) [%]	NPSHr [m]
0	185	5.0	0	2.5
6	180	7.0	40	2.5
12	175	9.0	60	2.5
18	160	11.0	70	3.0
24	110	11.7	72	4.0

 CNP 南方泵业	Dimension Drawing CDM20-13	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Physical picture CDM20-13	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM20-13	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM20-13
Part NO. 1100090789
Product price
Quantity 1
Total price

Inquiry notes