

	Product Information CDM5-25	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.	1100092286
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	5 m³/h
Head	155 m
Efficiency	69 %
Speed	2900 rpm
Number of stages	25

Technology

Pump rotator speed	2900
Nameplate standards	CE
Pump version	2

Material

Impeller	304
Rubber code	P
Inlet&outlet chamber	HT200
Material Code	P

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	DN32

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
Explosed view	CDM5exploded view

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	4KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	7.8A
Energy Efficiency Level	IE3

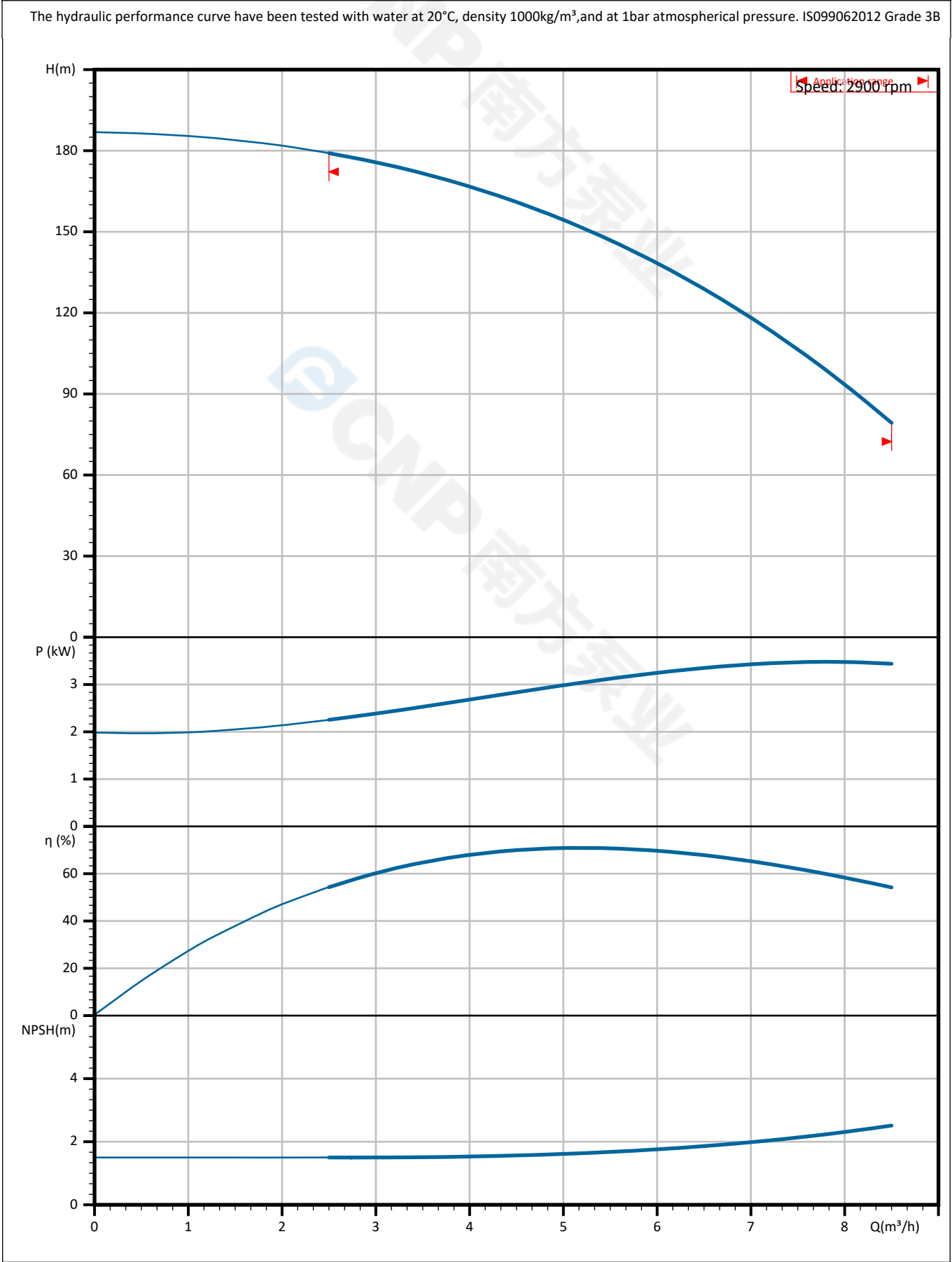
Seal

Mechanical Seal	CDLA-12/WB1F14
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Others

Weight (kg)	66
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 CNP 南方泵业	Performance Curve CDM5-25	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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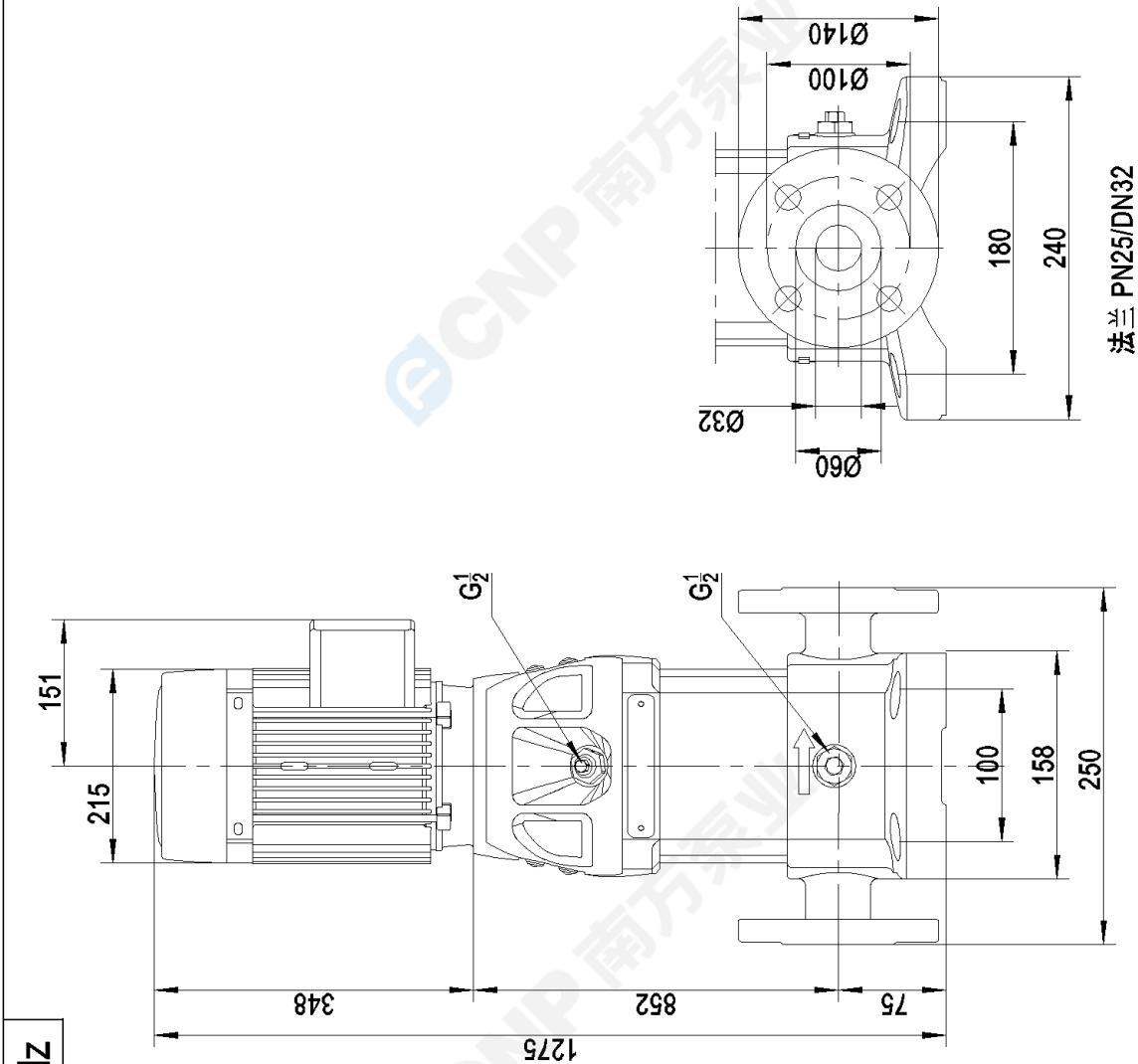
 CNP 南方泵业	Pump Technical Parameters CDM5-25	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM5-25
Part NO.	1100092286
Rated flow	5 m³/h
Rated head	155 m
Rated efficiency	69 (%)
Power (kW)	3.02 kW
NPSHr (m)	1.6
Speed (rpm)	2900
Max impeller diameter (mm)	82
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

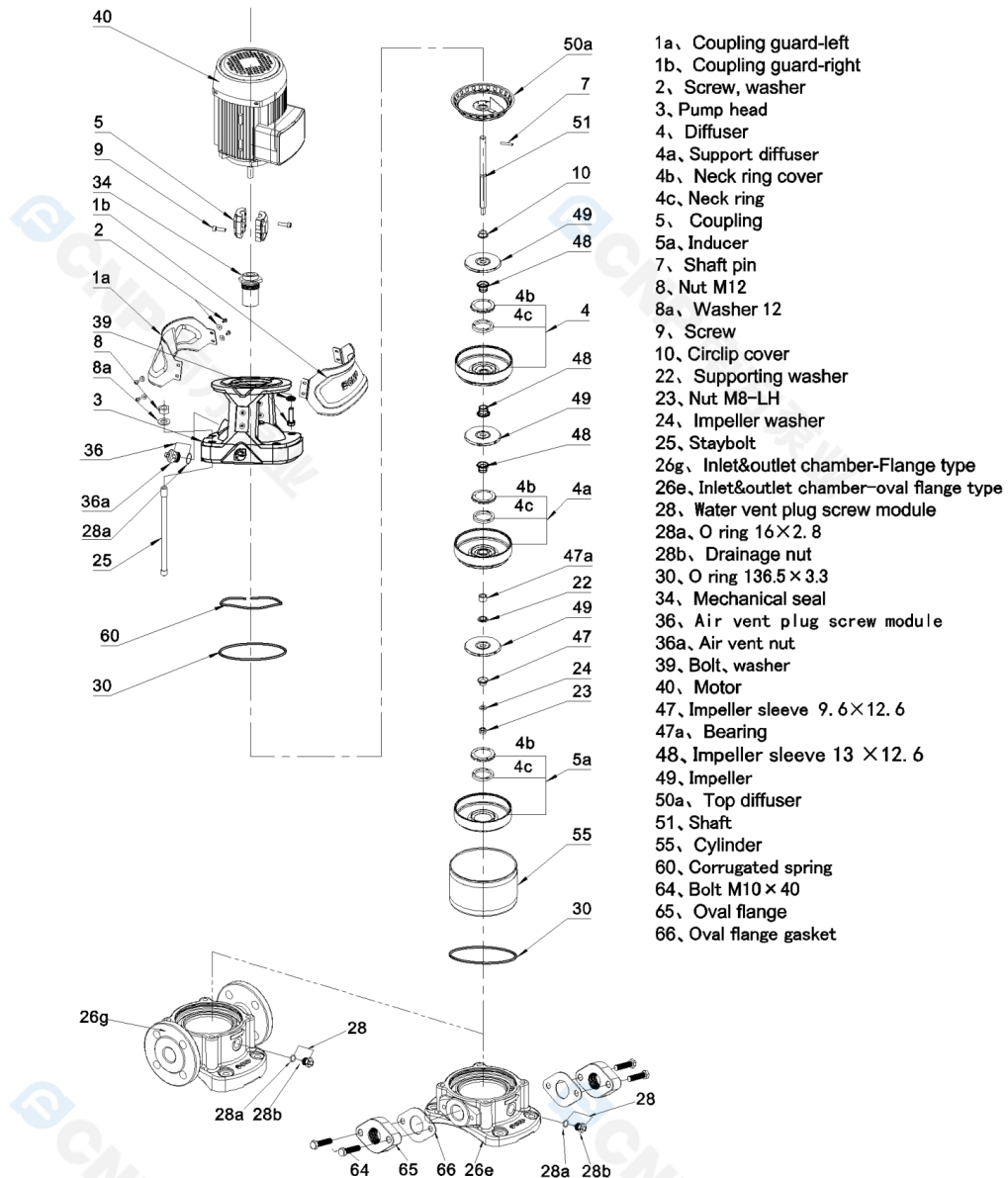
The figure displays four performance curves for the CDM5-25 pump against flow rate Q in m³/h. The top curve shows head H in meters, starting at approximately 185m at 0 m³/h and decreasing to about 80m at 7 m³/h. The second curve shows power P in kW, increasing from 2.0 kW at 0 m³/h to a peak of about 3.5 kW at 6 m³/h. The third curve shows efficiency η in percent, peaking at approximately 70% around 5 m³/h. The bottom curve shows required NPSH in meters, which is relatively flat at about 1.5m until 4 m³/h, then slightly increases to 2.5m at 7 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)	NPSH (m)
0	185	2.0	0	1.5
2	175	2.2	45	1.5
4	160	2.8	65	1.5
5	155	3.0	69	1.6
6	140	3.5	65	1.8
7	80	3.5	55	2.5

 CNP 南方泵业	Dimension Drawing CDM5-25	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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	Explosed view CDM5-25	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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Drawing 1-D CDM5-240703

 CNP 南方泵业	Physical picture CDM5-25	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM5-25	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM5-25
Part NO. 1100092286
Product price
Quantity 1
Total price

Inquiry notes