

	Product Information CDM5-31	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.	1100090736
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	193 m
Efficiency	69 %
Speed	2900 rpm
Number of stages	31

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	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
Expolded view	CDMF5exploded view

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	5.5KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	10.6A
Energy Efficiency Level	IE3

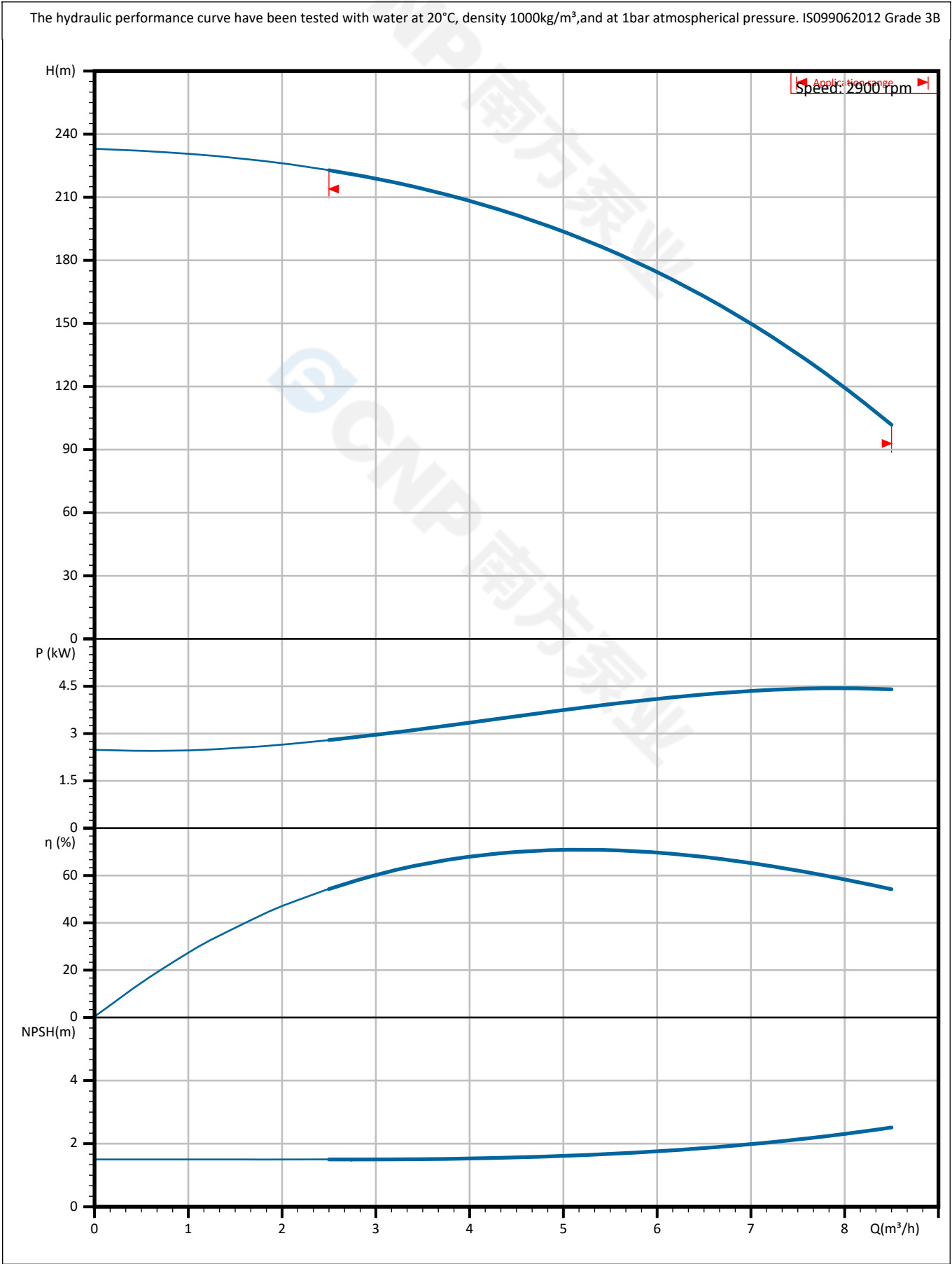
Seal

Mechanical Seal	CDLA-12/WB1F14
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Others

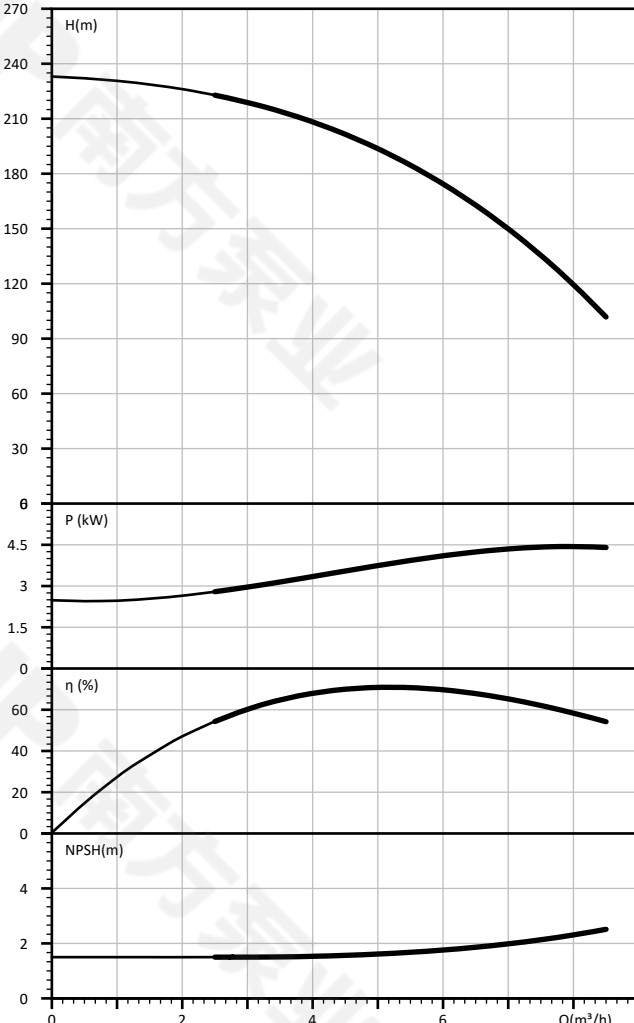
Weight (kg)	83
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	Performance Curve CDM5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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		Contact	



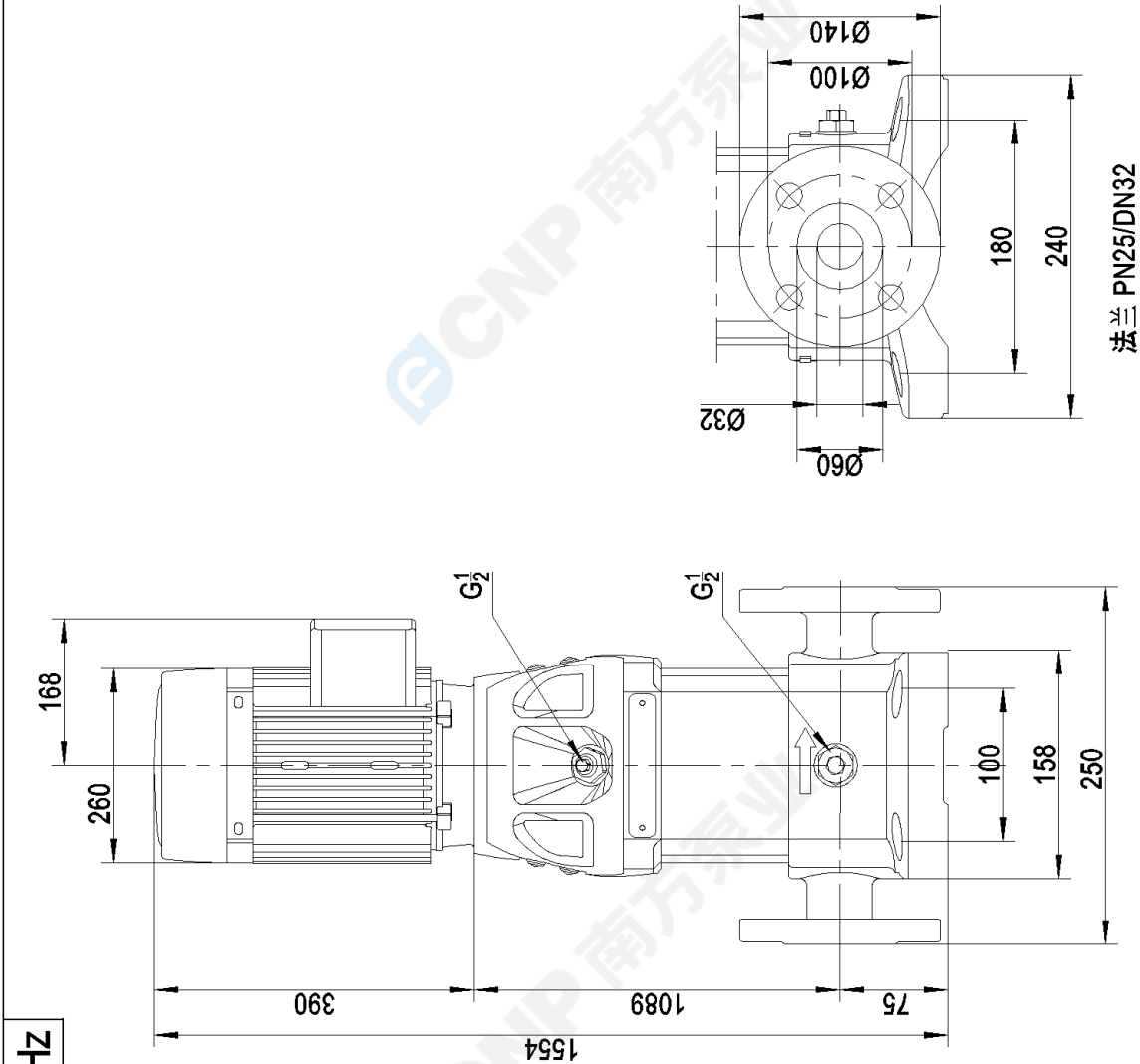
 CNP 南方泵业	Pump Technical Parameters CDM5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM5-31
Part NO.	1100090736
Rated flow	5 m³/h
Rated head	193 m
Rated efficiency	69 (%)
Power (kW)	3.76 kW
NPSHr (m)	1.6
Speed (rpm)	2900
Max impeller diameter (mm)	82
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

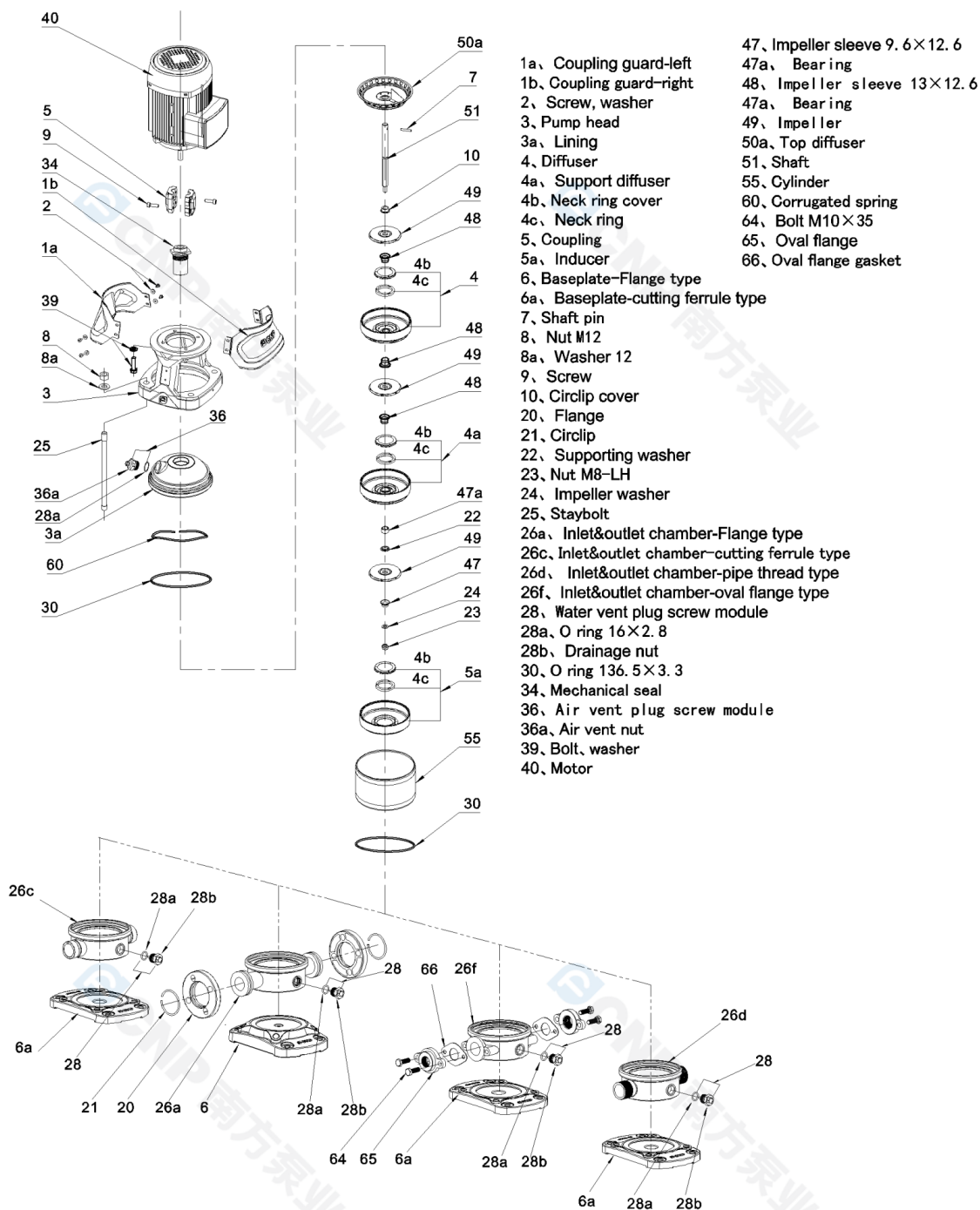


Flow Q (m³/h)	Head H (m)	Power P (kW)	Efficiency η (%)	NPSH (m)
0	240	2.5	0	1.5
1	235	2.6	35	1.5
2	225	2.8	55	1.5
3	210	3.1	68	1.6
4	195	3.4	75	1.7
5	175	3.7	75	1.8
6	150	4.1	70	2.0
7	120	4.4	60	2.3
7.5	100	4.5	55	2.5

 CNP 南方泵业	Dimension Drawing CDM5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Explosed view CDM5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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		Contact	



Drawing 1-C CDMF5-240705

 CNP 南方泵业	Physical picture CDM5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CDM5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDM5-31
Part NO. 1100090736
Product price
Quantity 1
Total price

Inquiry notes