CNP 南方泵业	Product Information LDMF5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/11
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

Part NO.	1100175547
Product Picture: (Note: Images may not be the same as the product)	Note
	LDMF series is a low cavitation vertical multistage centrifugal pump developed for high temperature medium and bad inlet conditions. The inlet channel of the pump is optimized to improve the suction performance of the pump, reduce noise and prevent the damage caused by cavitation. The product has the characteristics of excellent cavitation resistance, compact structure, convenient maintenance, high reliability, long service life and beautiful appearance.

Nameplate parameters

Flow	5 m^3/h
Head	197 m
Unit Eta	70 %
Speed	2900 rpm
Number of stages	31

Technology

Pump rotator speed	2900
Pump version	1

Material

Impeller	304
Rubber code	P
Inlet&outlet chamber	ZG07Cr19Ni9
Material Code	S

Installation

Connection Code	F
Maximum Pressure/Temperature (high temperature)	24 bar / 120 °C
Maximum Pressure/Temperature (low temperature)	24 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

Expolded view	LDMF5 exploded view

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)	10.8A

The manufacturer may change the dimensions and specifications without notice.

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Motor

Energy Efficiency Level	IE3

Seal

Mechanical Seal	CDLA-12/WB1F14

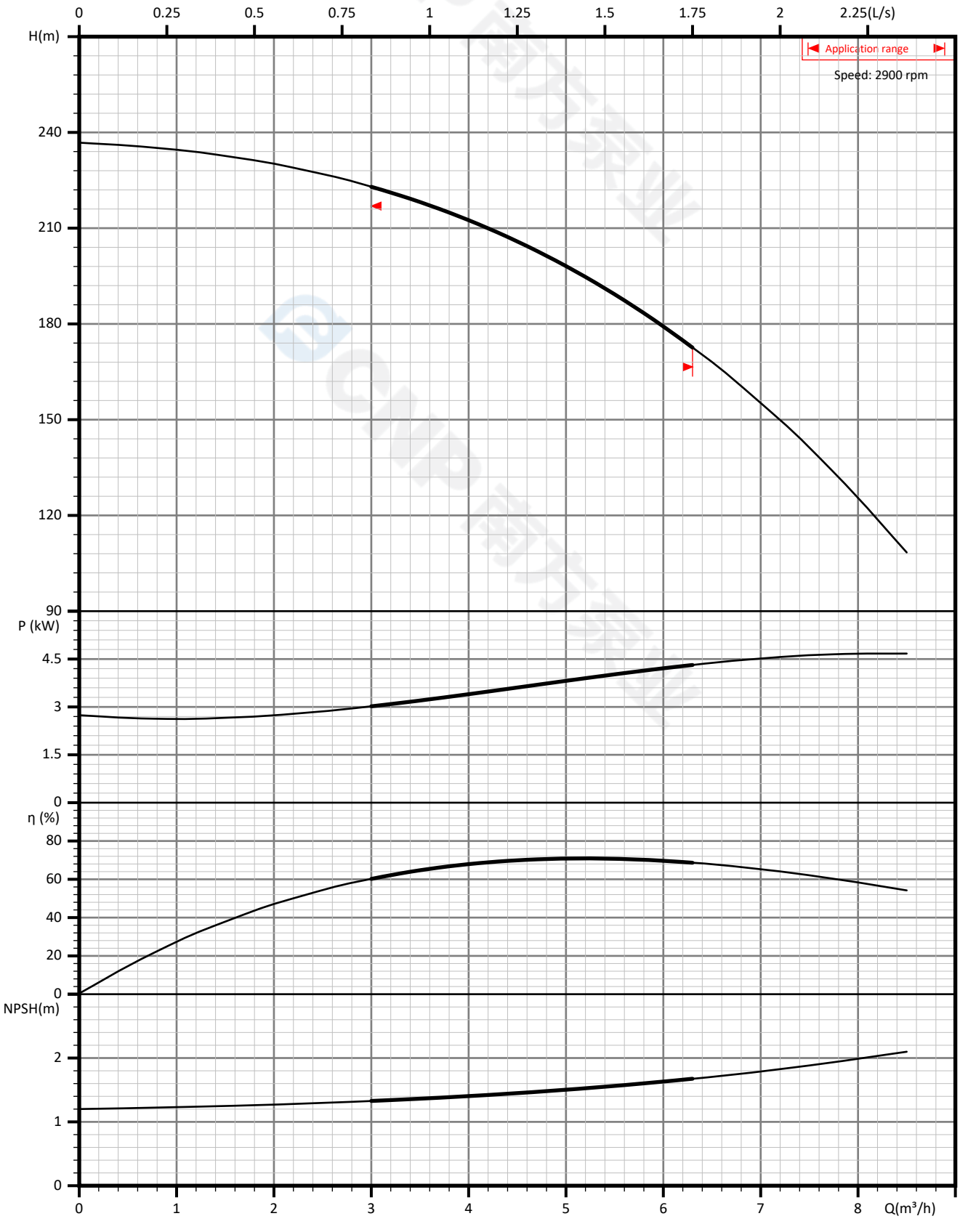
Others

Weight (kg)	83

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CNP 南方泵业	Performance Curve LDMF5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
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		Contact	

The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar at mospherical pressure.
IS099062012 Grade 3B

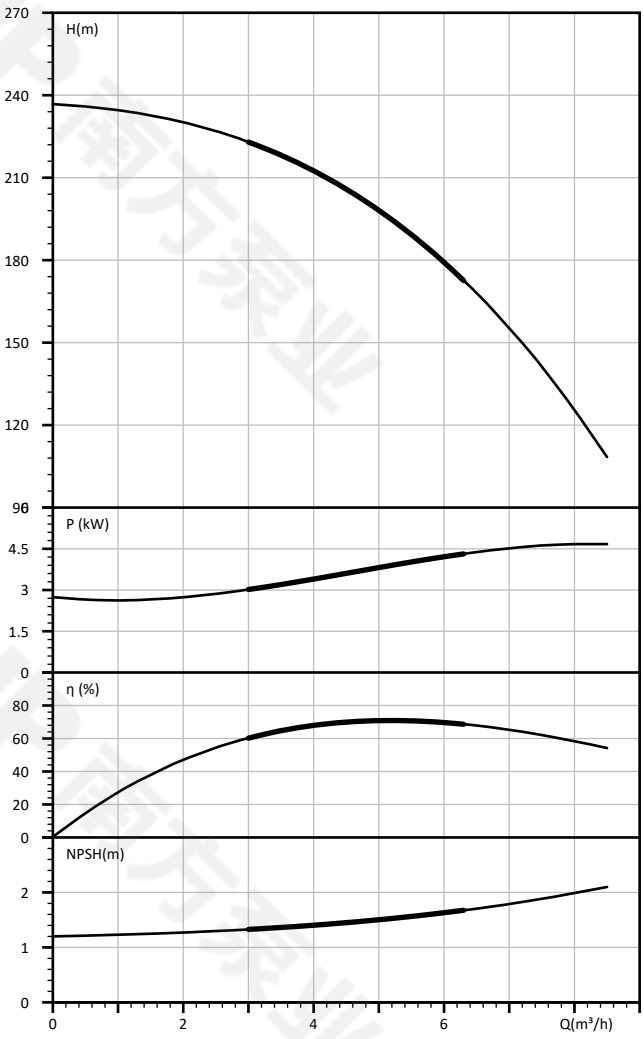


The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Pump Technical Parameters LDMF5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/11
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

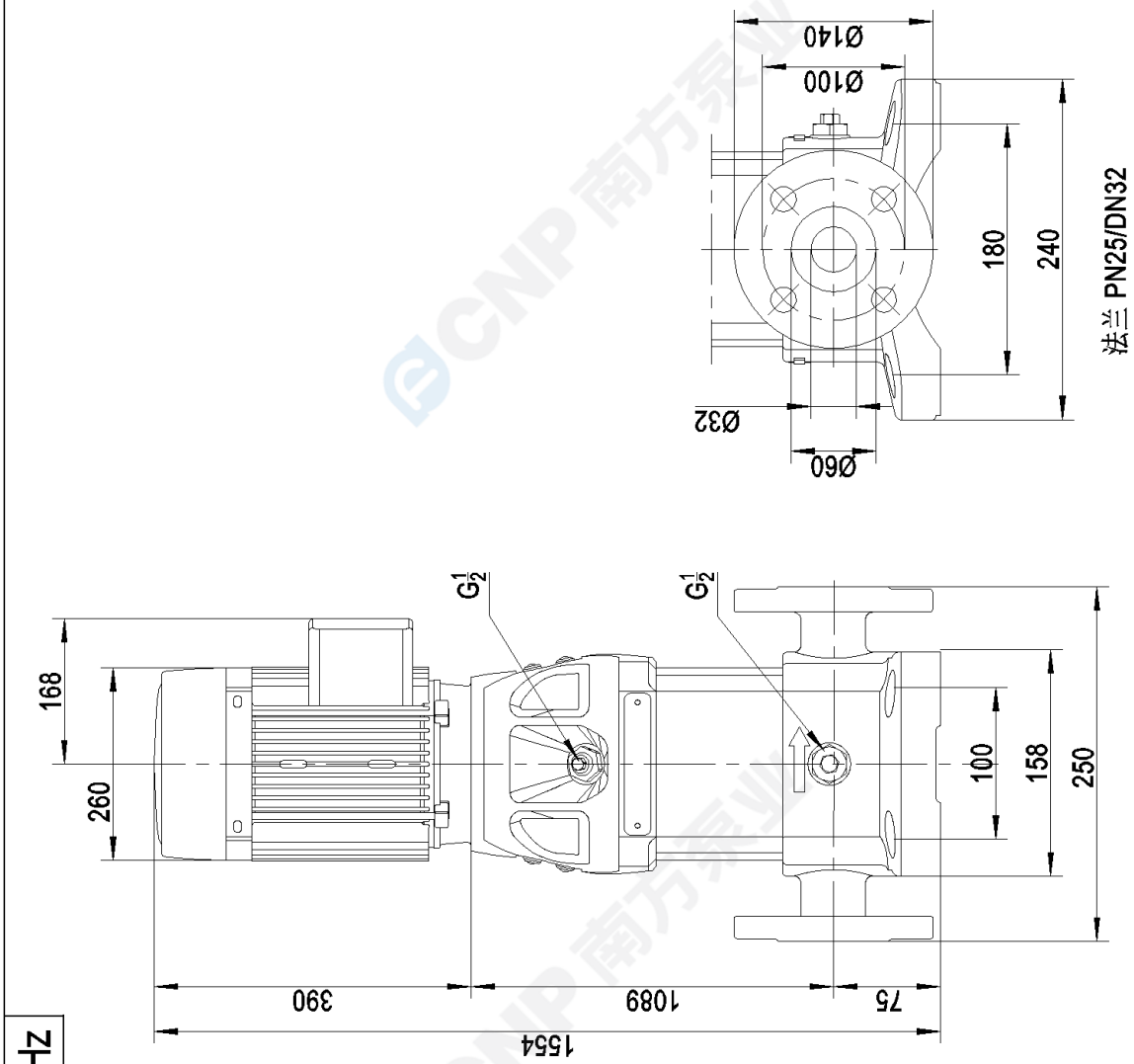
Rated parameters	
Pump model	LDMF5-31
Part NO.	1100175547
Rated flow	5 m³/h
Rated head	197 m
Rated Unit Eta	70 %
Rated Input Power	3.83 kW
NPSHr	1.5 m
Speed	2900 rpm
Max impeller diameter	100 mm

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



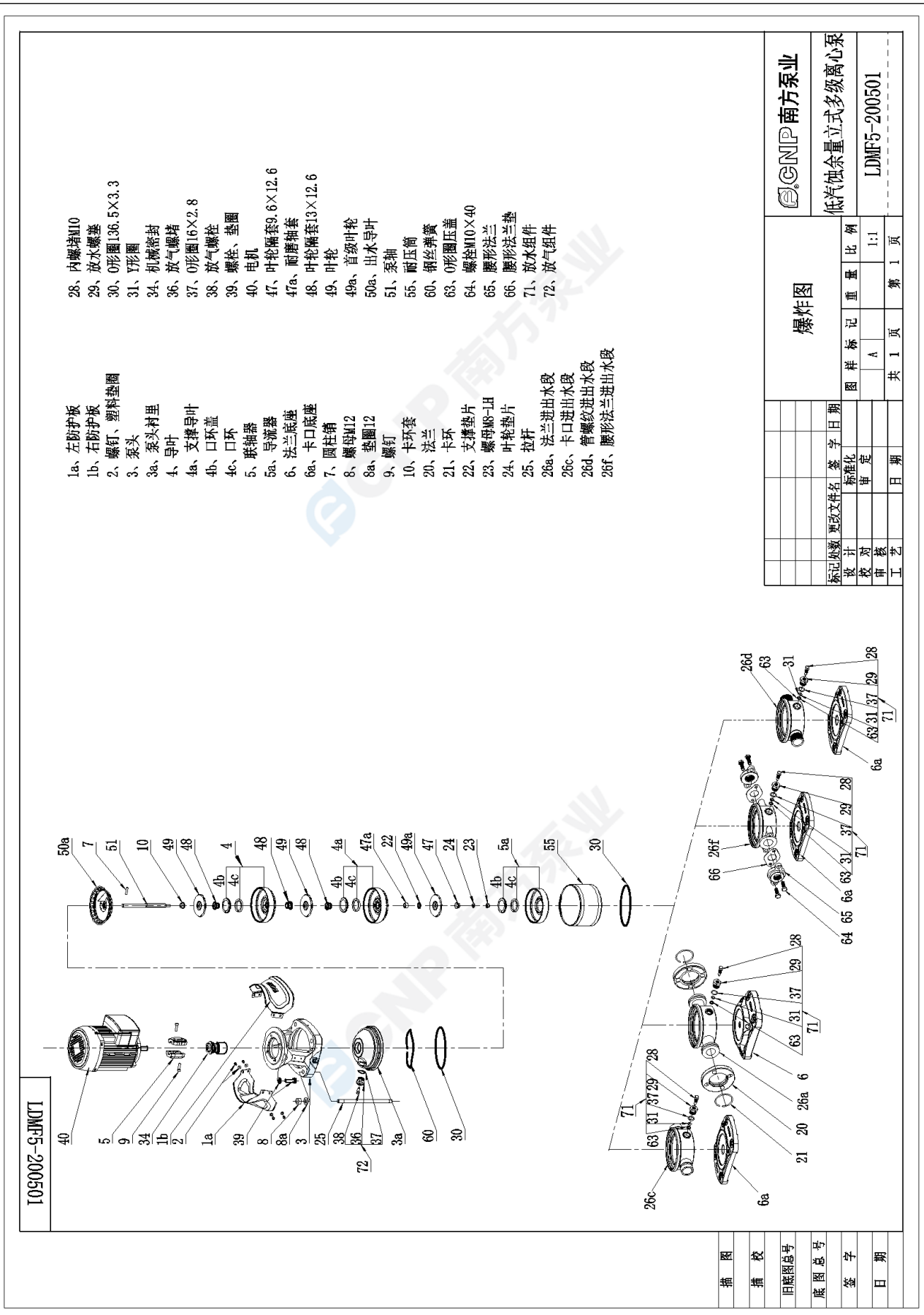
The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Dimension Drawing LDMF5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/11
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Expolded view LDMF5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/11
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Physical picture LDMF5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Order Data LDMF5-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/11
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

Pump model	LDMF5-31
Part NO.	1100175547
Product price	
Quantity	1
Total price	

Inquiry notes