

	Product Information CDM42-11	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.	1100104998
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	42 m³/h
Head	225 m
Efficiency	69.8 %
Speed	2900 rpm
Number of stages	11

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	DN80

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)	45KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	80.8A
Energy Efficiency Level	IE3

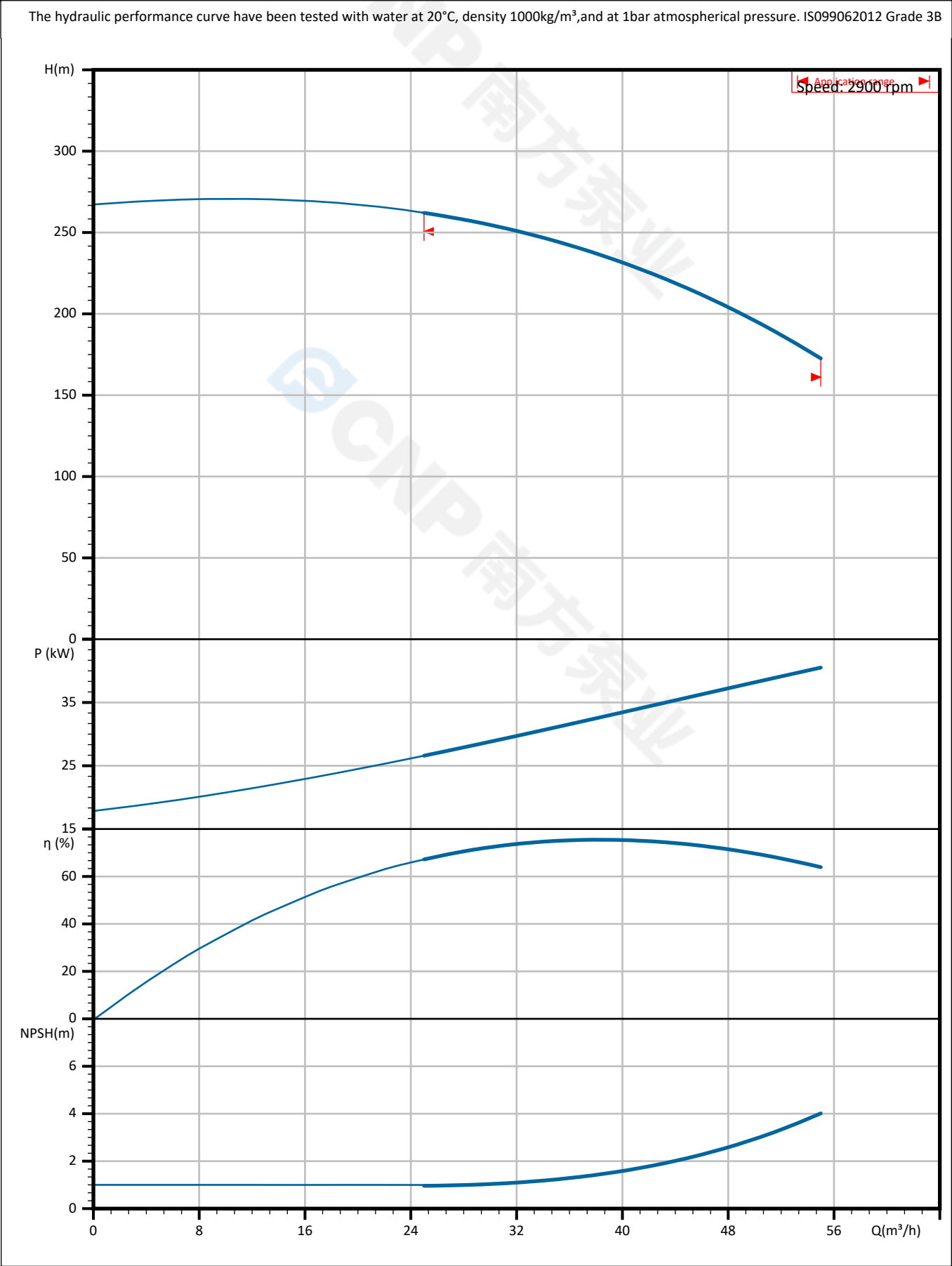
Seal

Mechanical Seal	CDLA-22/WB1F14
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Others

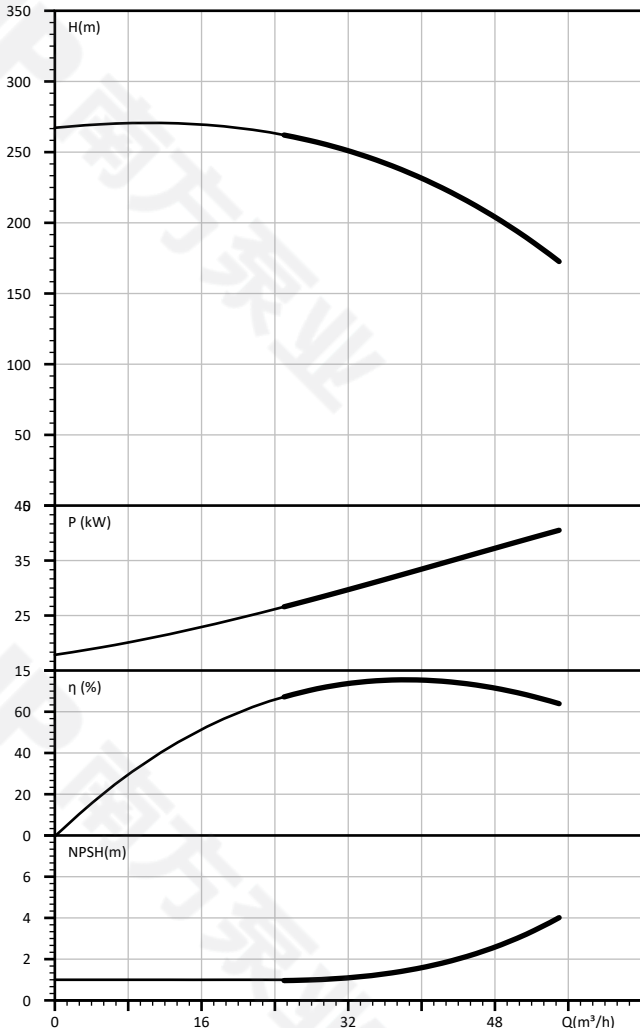
Weight (kg)	426
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 CNP 南方泵业	Performance Curve CDM42-11	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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 CNP 南方泵业	Pump Technical Parameters CDM42-11	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM42-11
Part NO.	1100104998
Rated flow	42 m³/h
Rated head	225 m
Rated efficiency	69.8 (%)
Power (kW)	36.9 kW
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	136
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



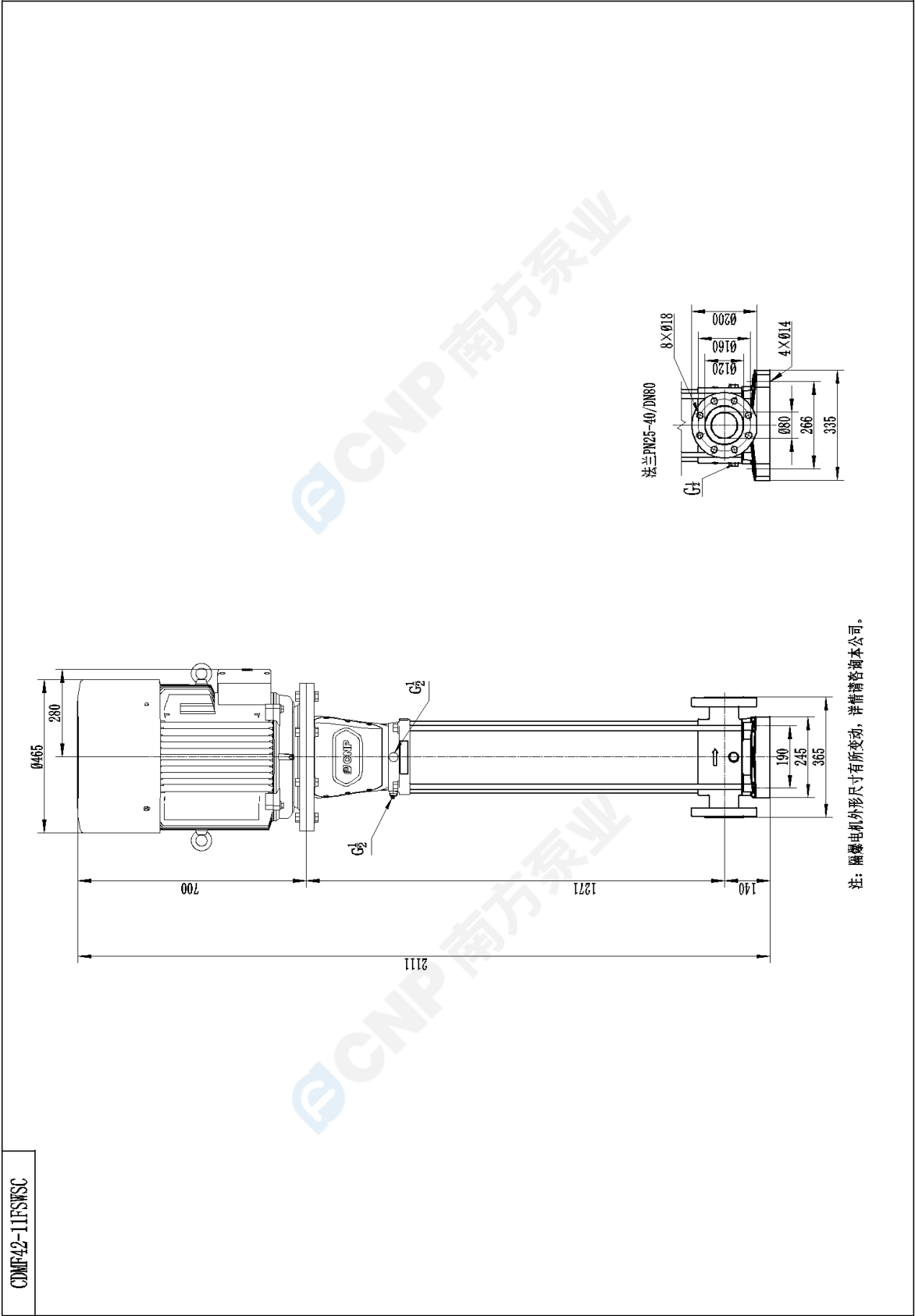
Q (m³/h)	H (m)
0	270
16	270
32	260
48	230
60	175

Q (m³/h)	P (kW)
0	18
16	20
32	25
48	32
60	38

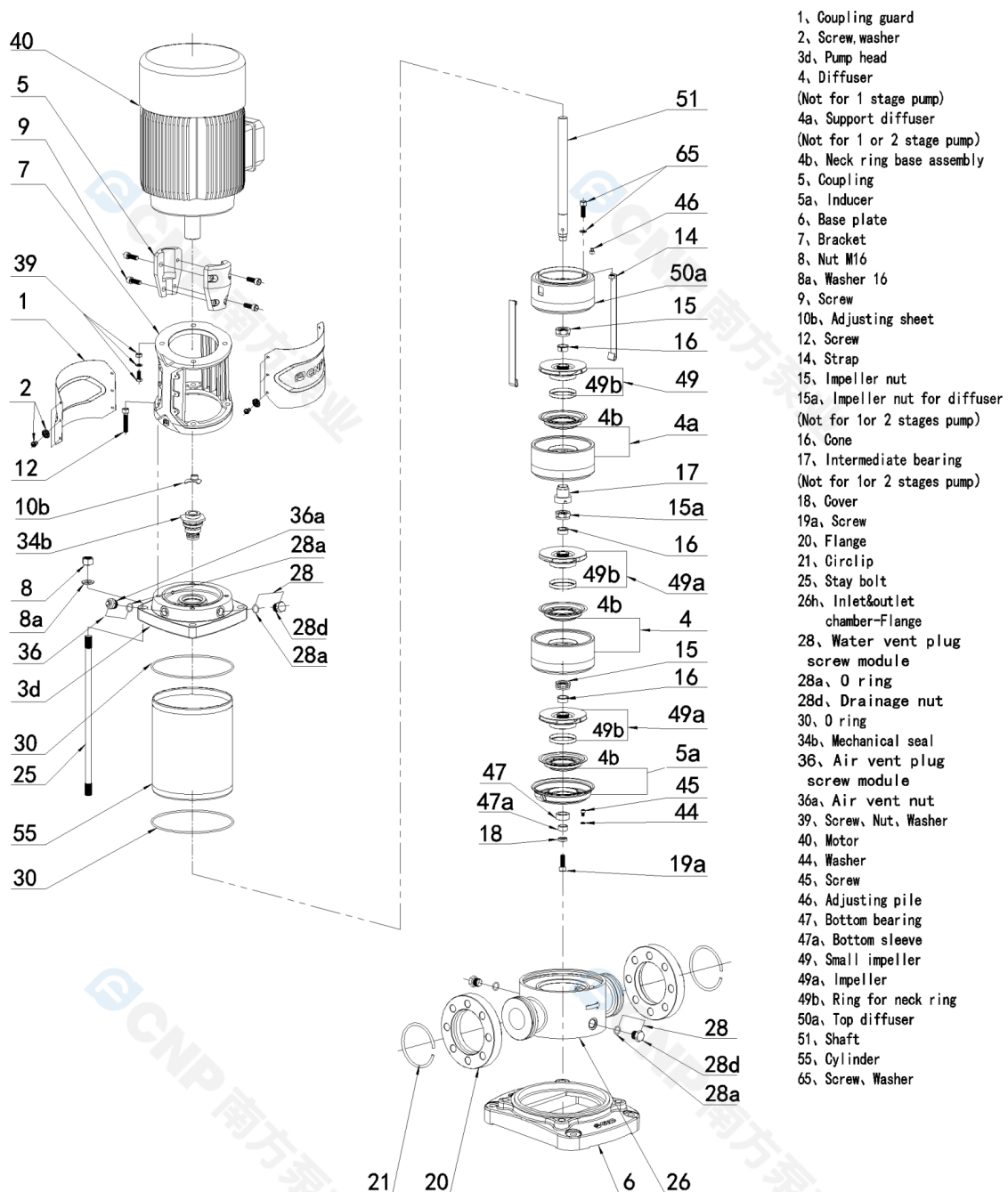
Q (m³/h)	η (%)
0	0
16	35
32	65
48	68
60	62

Q (m³/h)	NPSH(m)
0	1.0
16	1.0
32	1.2
48	2.5
60	4.0

	Dimension Drawing CDM42-11	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Project Name		Client Name	WEPKO
Item NO		Client Addr.	
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 CNP 南方泵业	Explosed view CDM42-11	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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		Date	2025/07/08
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Drawing 1-I CDMF32, 42, 65-240704

 CNP 南方泵业	Physical picture CDM42-11	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Item NO		Contacts	Wepko
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 CNP 南方泵业	Order Data CDM42-11	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Project Name		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Pump model CDM42-11
Part NO. 1100104998
Product price
Quantity 1
Total price

Inquiry notes