

	Product Information CDM42-9-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Wepko
		Contact	

Part NO.	1100104993
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 174 m Efficiency 69.8 % Speed 2900 rpm Number of stages 9 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 PN25-40 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)	30KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	54.9A
Energy Efficiency Level	IE3

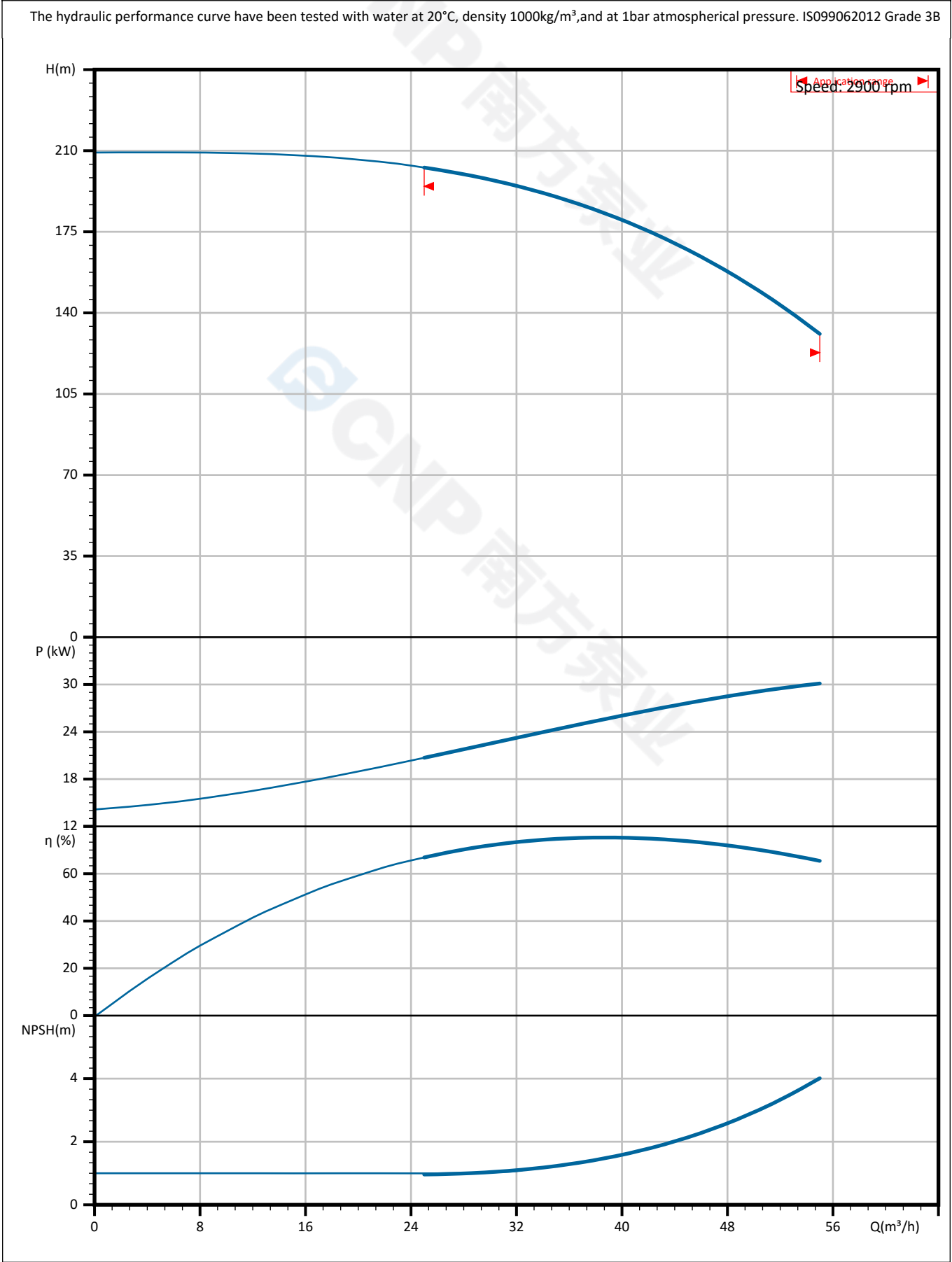
Seal

Mechanical Seal	CDLA-22/WB1F14
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Others

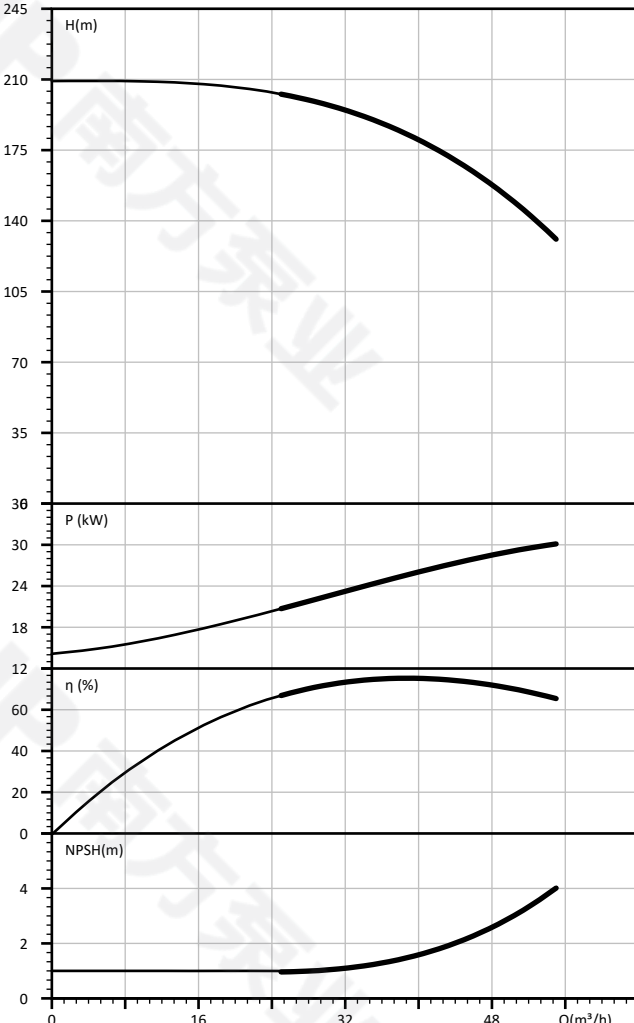
Weight (kg)	328
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	Performance Curve CDM42-9-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Pump Technical Parameters CDM42-9-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	CDM42-9-2
Part NO.	1100104993
Rated flow	42 m³/h
Rated head	174 m
Rated efficiency	69.8 (%)
Power (kW)	28.5 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



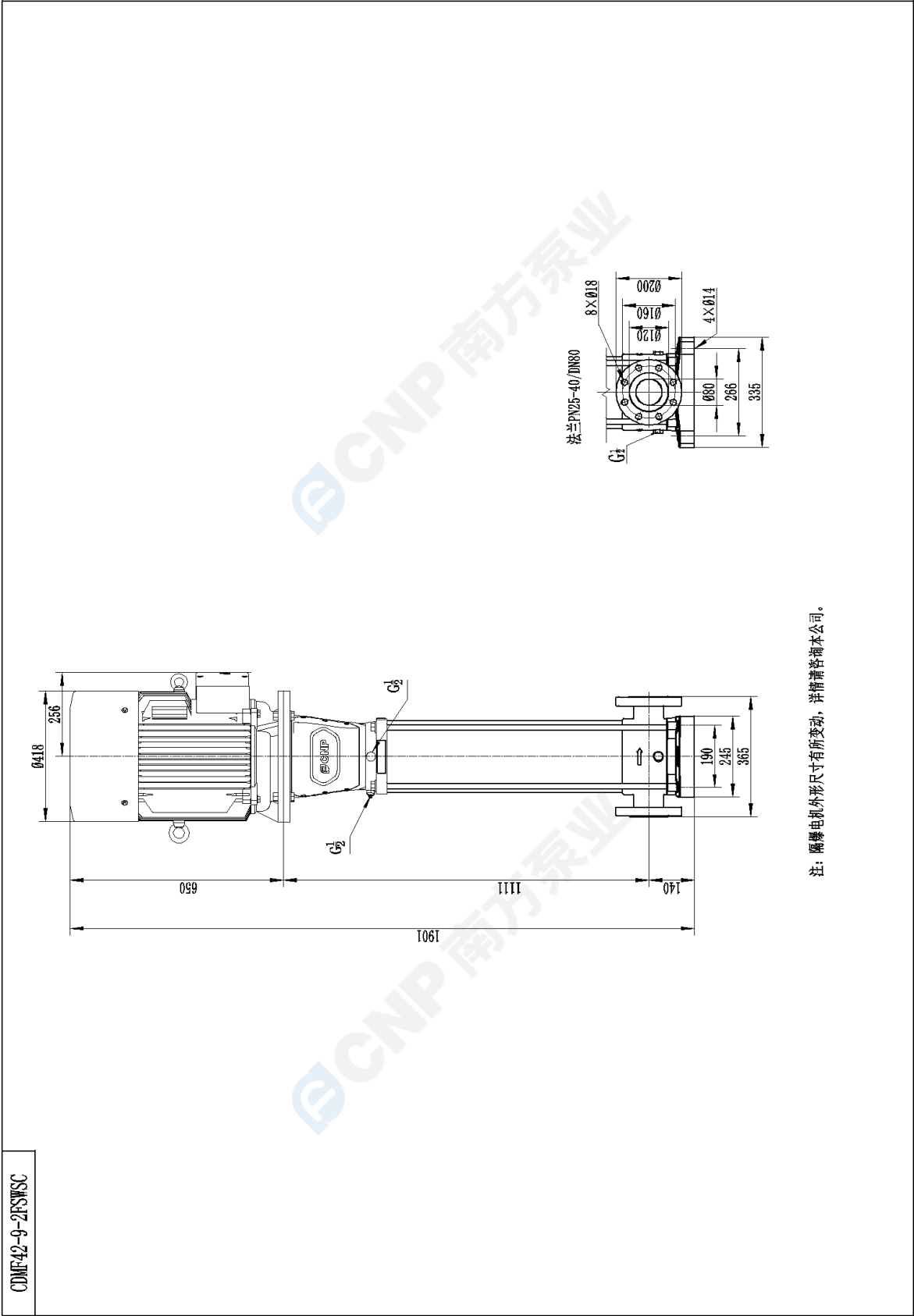
Q (m³/h)	H (m)
0	210
16	205
32	195
48	175
64	135

Q (m³/h)	P (kW)
0	12
16	15
32	22
48	28
64	30

Q (m³/h)	η (%)
0	0
16	35
32	60
48	65
64	60

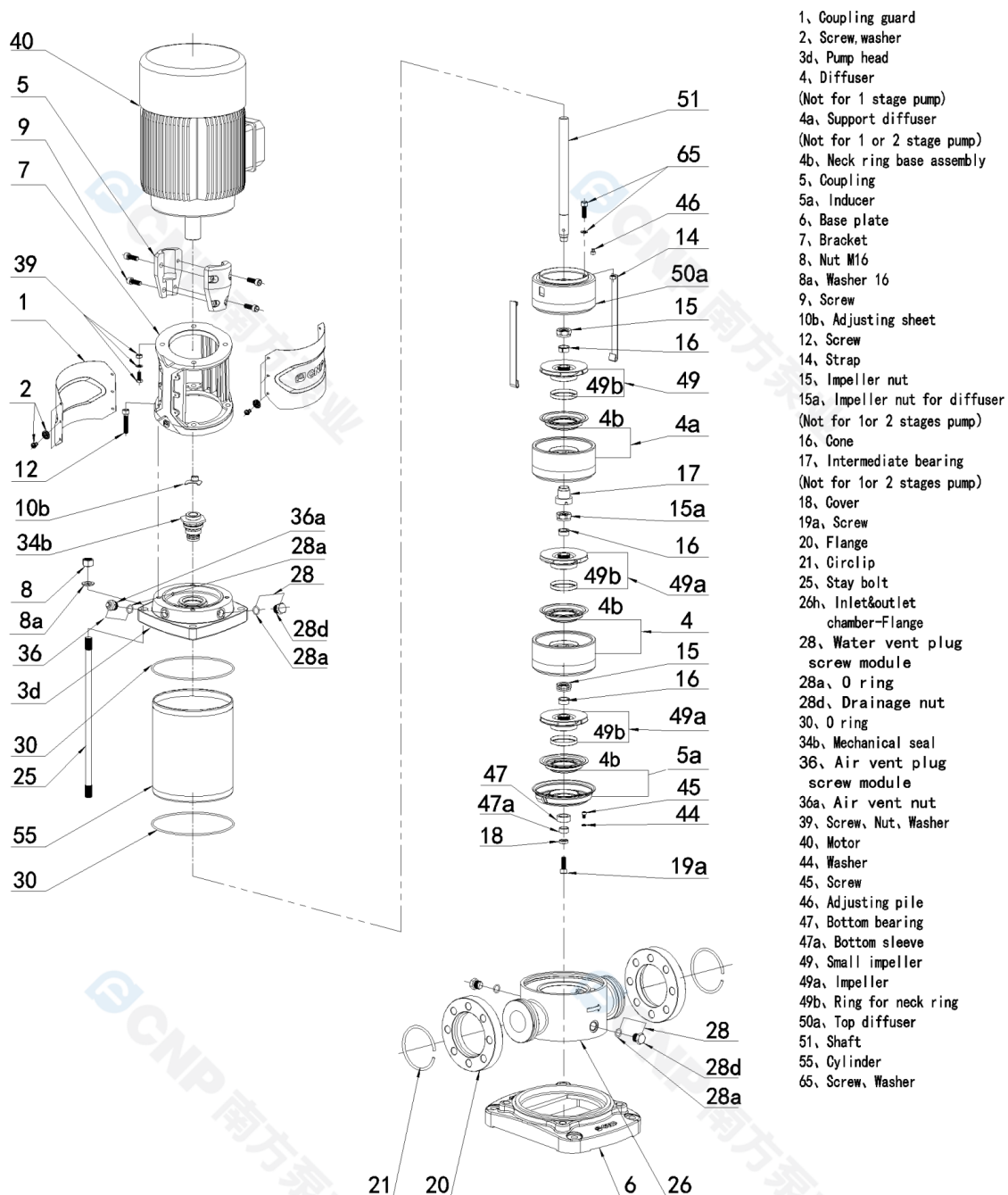
Q (m³/h)	NPSH (m)
0	1
16	1
32	1.2
48	2.5
64	4

	Dimension Drawing CDM42-9-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Project Name		Client Name	WEPKO
Item NO		Client Addr.	
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		Contact	



注：隔膜电机外形尺寸有所变动，详情请咨询本公司。

 CNP 南方泵业	Explosed view CDM42-9-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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		Contacts	Wepko
		Contact	



Drawing 1-I CDMF32, 42, 65-240704

 CNP 南方泵业	Physical picture CDM42-9-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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		Client Name	WEPKO
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Item NO		Contacts	Wepko
		Contact	



 CNP 南方泵业	Order Data CDM42-9-2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Project Name		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Pump model CDM42-9-2
Part NO. 1100104993
Product price
Quantity 1
Total price

Inquiry notes