

 CNP 南方泵业	Product Information NIS50-32-160G/2.2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/06/15
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	Golsa
		Contact	

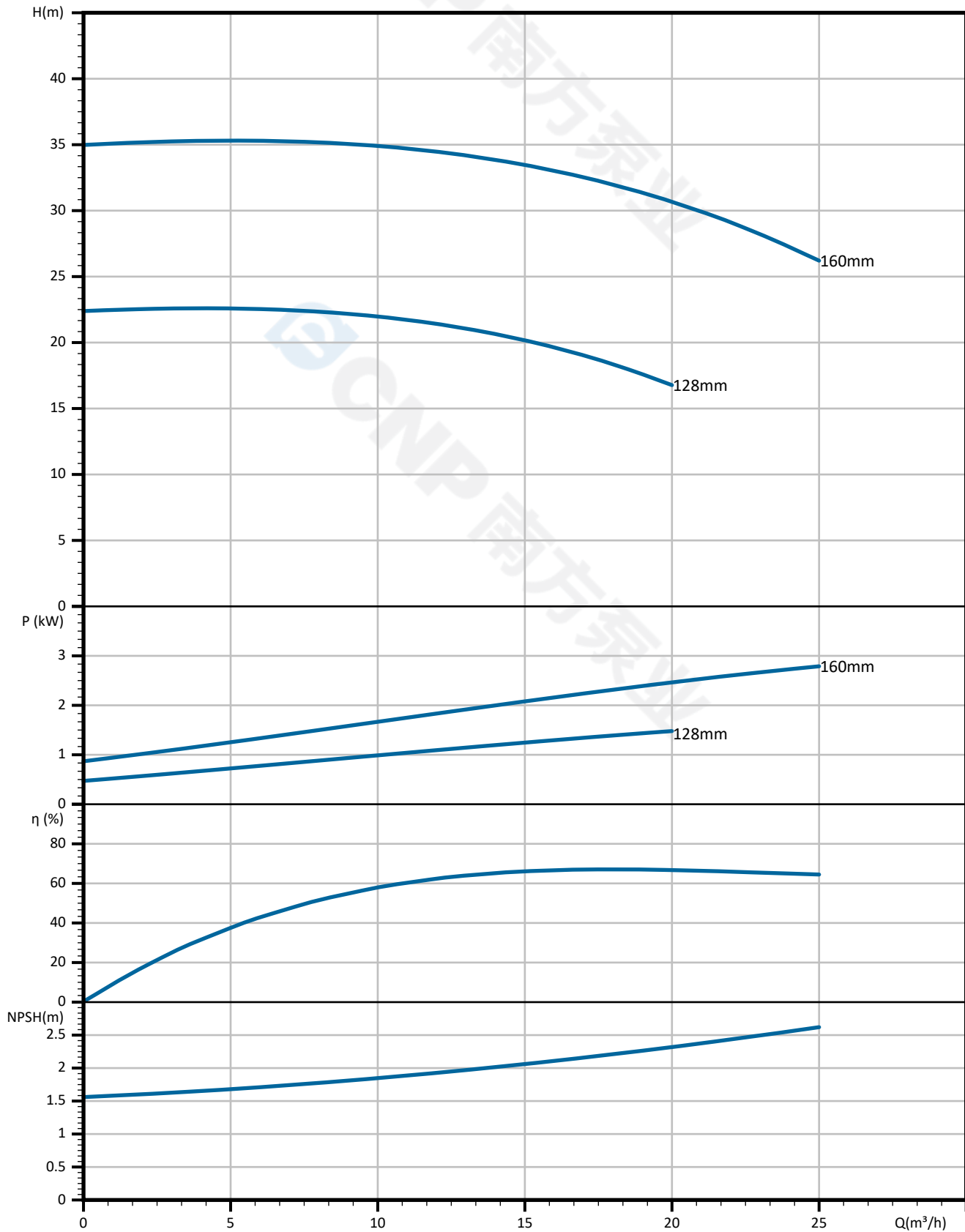
Part NO.	1100333867
----------	------------

Product Picture: (Note: Images may not be the same as the product)	Note
	Non-self-priming single-stage horizontal end-suction centrifugal pump with axial inlet and radial outlet,using pull-back structure, no need to dismantle the pump body and pipeline for maintenance, using direct connection and extended shaft structure, the pump is small in size, compact in structure and simple in installation.

Technology	
Pump rotator speed	2900
Material	
Pump body	HT200
Impeller	HT200
Rubber code	NBR
Material Code	H
Installation	
Maximum Operation Pressure	16bar
Medium	
Medium Temperature	-15°C~110°C
Structure dimension	
Inlet & outlet size types	DN
Inlet Bore	50
Outlet Diameter	32
Rotation Direction	Anti-clockwise rotation viewing from inlet
Expolded view	NIS exploded view
Motor	
Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	2.2KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	220/380V
Rated Current (A)	7.9/4.6
Energy Efficiency Level	IE3
Seal	
Mechanical Seal	NISO-33/BSE4
Others	
Weight (kg)	68

	Performance Curve NIS50-32-160G/2.2	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/06/15
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Golsa
		Contact	

The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar atmospherical pressure. ISO99062012 Grade 3B



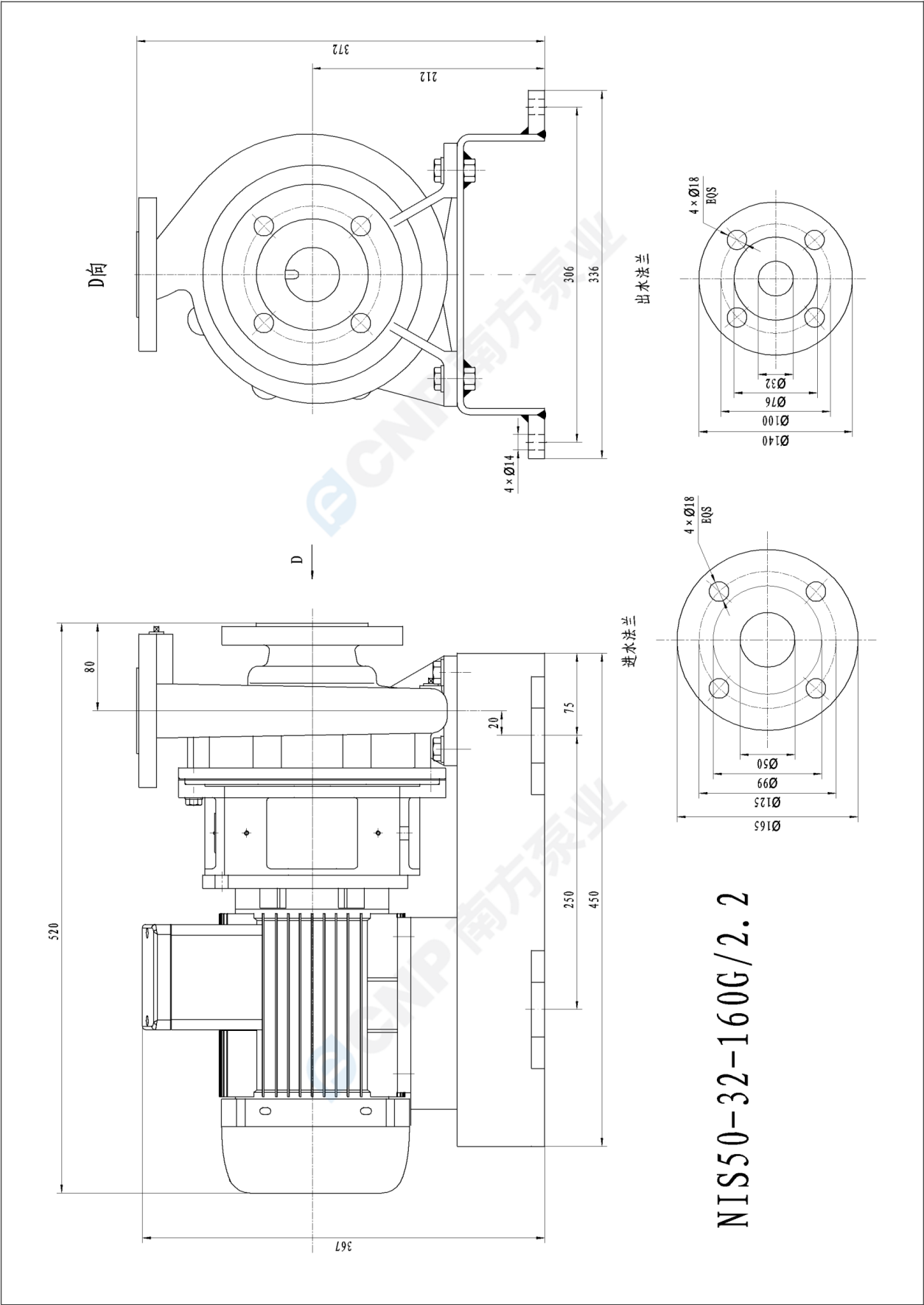
 CNP 南方泵业	Pump Technical Parameters NIS50-32-160G/2.2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/06/15
Project Name		Client Name	WEPKO
		Client Addr.	
Item NO		Contacts	Golsa
		Contact	

Rated parameters	
Pump model	NIS50-32-160G/2.2
Part NO.	1100333867
Rated flow	12.5 m³/h
Rated head	34 m
Rated efficiency	62 (%)
Power (kW)	1.868 kW
NPSHr (m)	2
Speed (rpm)	2900
Max impeller diameter (mm)	160
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

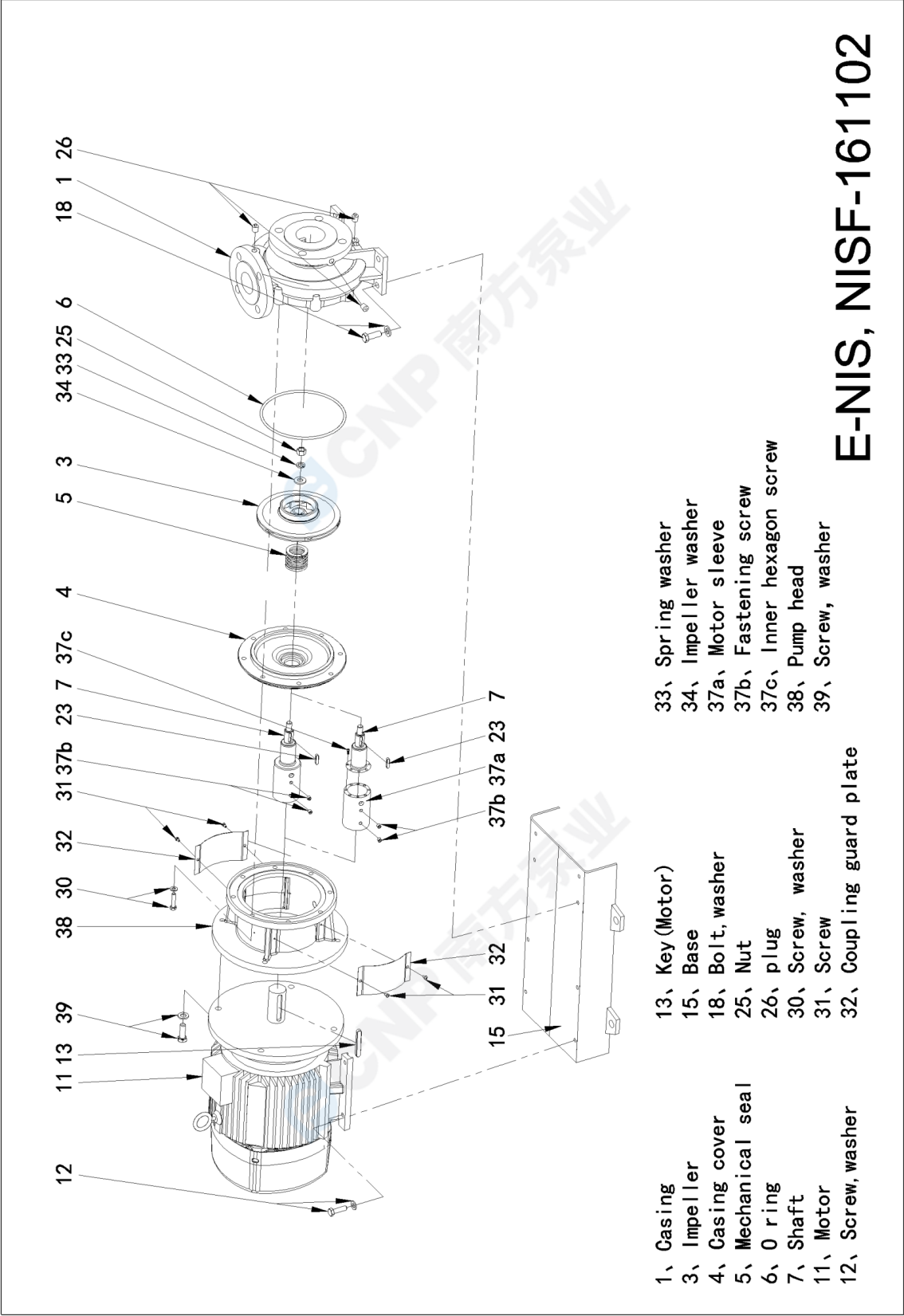
The figure displays four performance curves for the pump NIS50-32-160G/2.2, plotted against flow rate Q in m³/h (0 to 25). The y-axes are: Head H in meters (0 to 45), Power P in kW (0 to 3), Efficiency η in percent (0 to 80), and Net Positive Suction Head NPSH in meters (0 to 3). The curves show that head decreases as flow increases, power increases linearly, efficiency peaks at approximately 62% around 12.5 m³/h, and required NPSH increases with flow.

Q (m³/h)	H (m)	P (kW)	η (%)	NPSH (m)
0	35	1.0	0	1.5
5	35.5	1.3	40	1.7
10	35	1.7	60	1.9
15	33.5	2.1	68	2.2
20	31	2.5	68	2.6
25	26	2.8	65	3.0

 CNP 南方泵业	Dimension Drawing NIS50-32-160G/2.2	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/06/15
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Golsa
		Contact	



 CNP 南方泵业	Explosed view NIS50-32-160G/2.2	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/06/15
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	Golsa
		Contact	



 CNP 南方泵业	Physical picture NIS50-32-160G/2.2	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/06/15
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	Golsa
		Contact	



 CNP 南方泵业	Order Data NIS50-32-160G/2.2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/06/15
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	Golsa
		Contact	

Pump model NIS50-32-160G/2.2
Part NO. 1100333867
Product price
Quantity 1
Total price

Inquiry notes