CNP 南方泵业	Product Information 100ZWL(F)80-45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/16
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

Part NO.	1100375575
Product Picture: (Note: Images may not be the same as the product)	Note
	ZWL(F) series non-clogging self-priming sewage pump integrates self-priming and non-clogging sewage discharge, adopts external mixing structure, and combines self-priming and non-clogging functions through the unique design of pump body and impeller flow channel

Nameplate parameters

Flow	80 m³/h
Head	45 m
Eta	58 %
Speed	2950 rpm

Technology

Pump rotator speed	2950

Material

Impeller	304

Installation

Maximum Operation Pressure	0.64MPa
Maximum Altitude	1000M

Medium

Maximum diameter of particles (mm)	20
Medium PH Value	4~12
Medium Density	≤1.2*103kg/m3
Maximum Environment Temperature	≤40°C
Liquid Temperature Range	0°C40°C
Inlet Bore	100mm
Outlet Diameter	80mm
Expolded view	ZWL exploded view

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	18.5kW
Power Frequency(Hz)	50Hz
Rated Voltage (V)	380V
Rated Current (A)	34.2A
Energy Efficiency Level	IE3

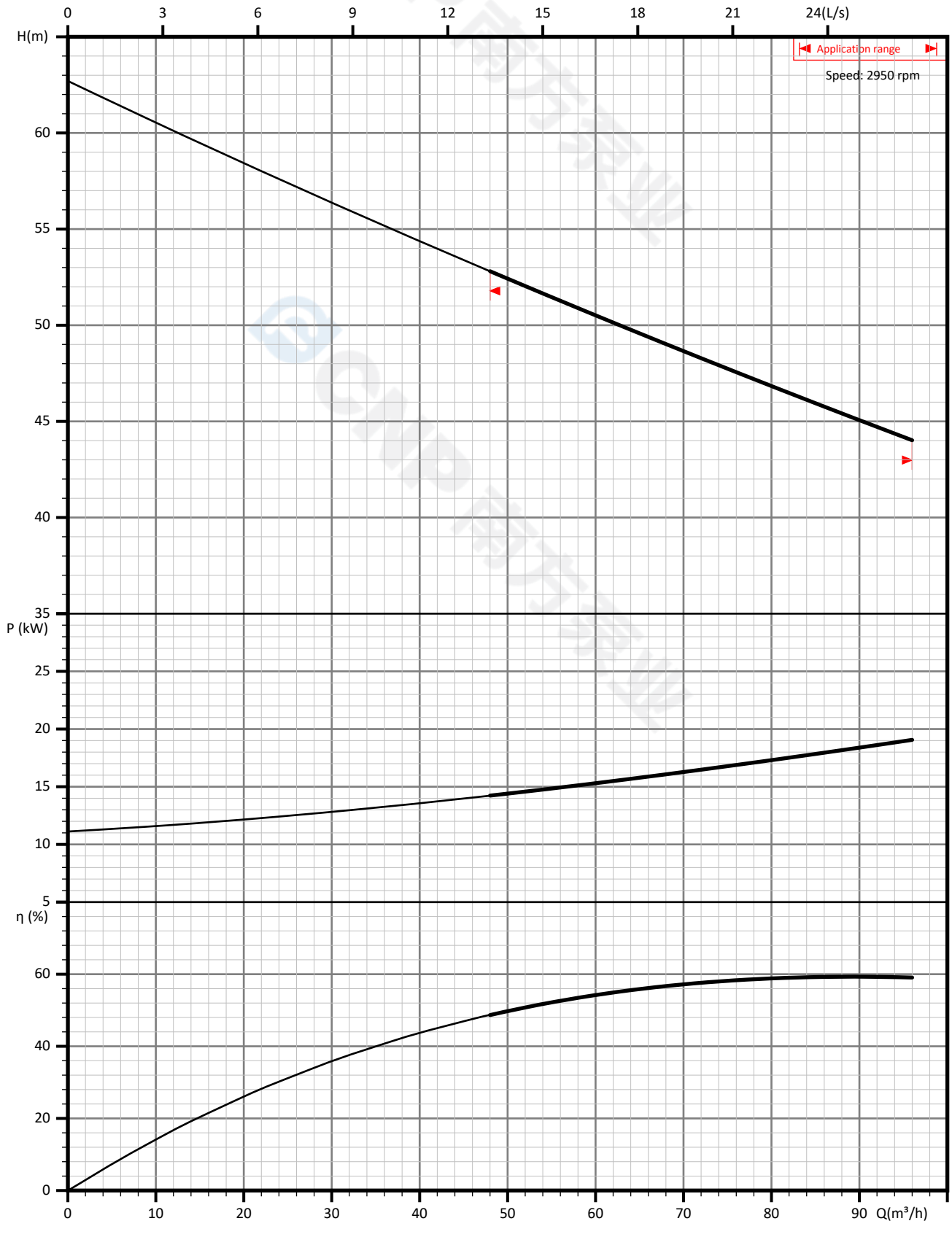
Others

Weight of Pump	340

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Performance Curve 100ZWL(F)80-45	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

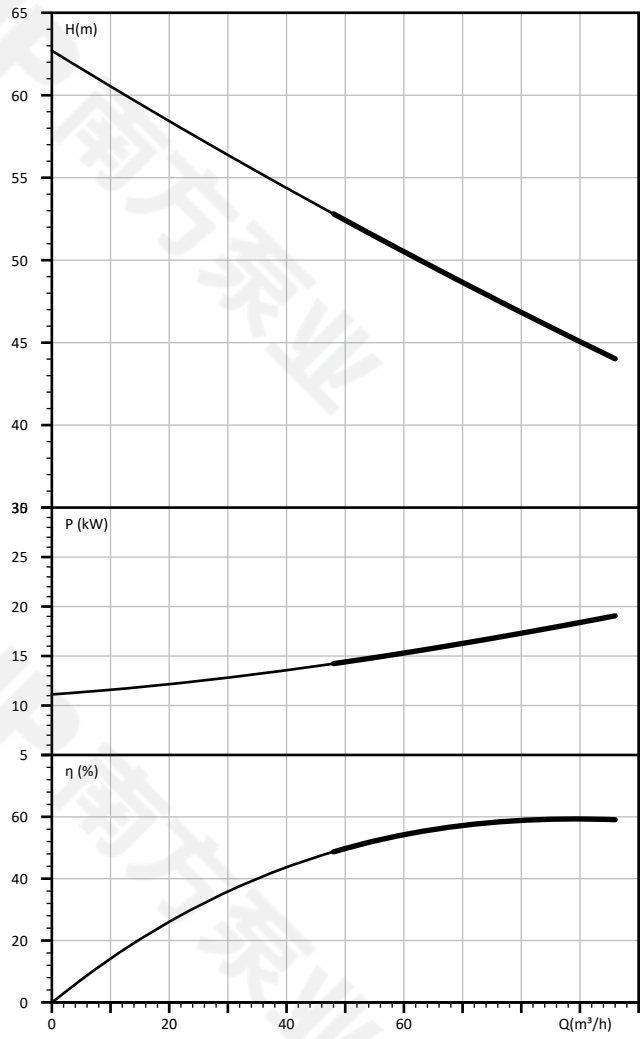


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CNP 南方泵业	Pump Technical Parameters 100ZWL(F)80-45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/16
Project Name		Client Name	
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		Contact	

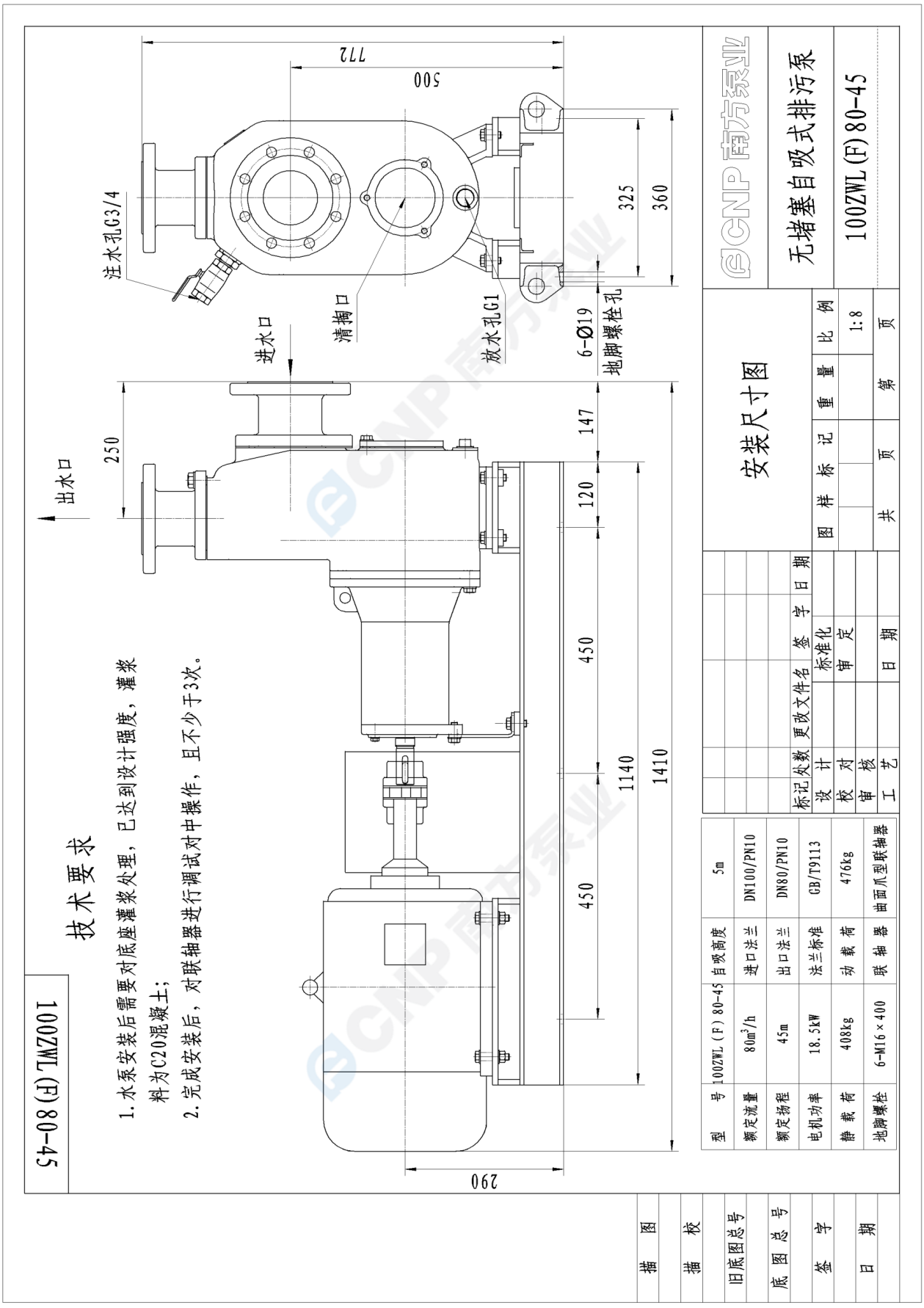
Rated parameters	
Pump model	100ZWL(F)80-45
Part NO.	1100375575
Rated flow	80 m³/h
Rated head	45 m
Rated Eta	58 %
Rated Power	17 kW
Speed	2950 rpm
Max impeller diameter	202 mm

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



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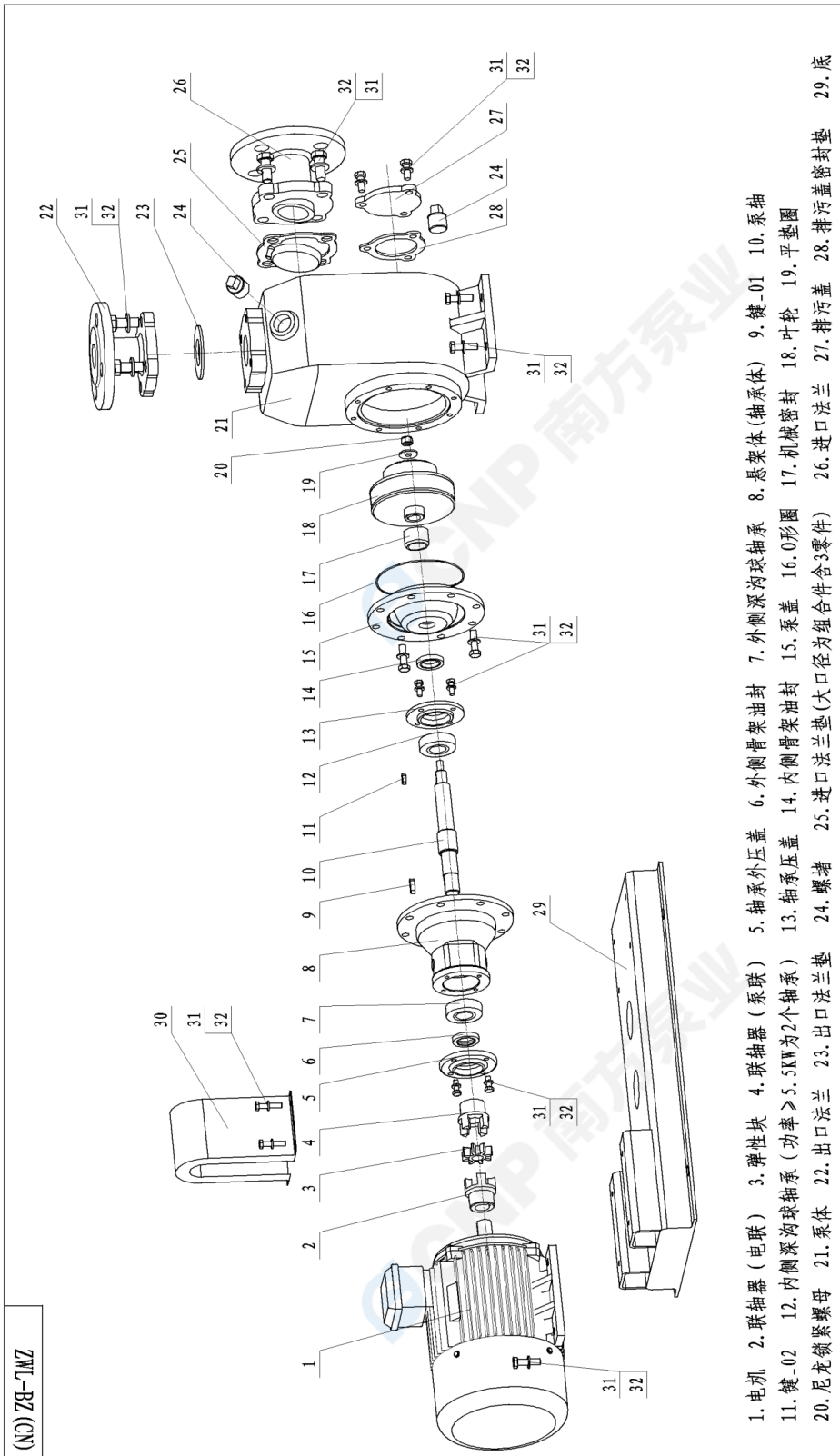
CNP 南方泵业	Dimension Drawing 100ZWL(F)80-45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/16
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	



型号	100ZWL(F)80-45	自吸高度	5m
额定流量	80m³/h	进口法兰	DN100/PN10
额定扬程	45m	出口法兰	DN80/PN10
电机功率	18.5kW	法兰标准	GB/T9113
静载荷	408kg	动载荷	476kg
地脚螺栓	6-M16×400	联轴器	曲面爪型联轴器

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CNP 南方泵业	Expolded view 100ZWL(F)80-45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/16
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	



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CNP 南方泵业	Physical picture 100ZWL(F)80-45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/16
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 100ZWL(F)80-45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/16
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Laya
		Contact	

Pump model	100ZWL(F)80-45
Part NO.	1100375575
Product price	
Quantity	1
Total price	

Inquiry notes