CNP 南方泵业	Product Information 80ZWL(F)45-15	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.	1100316034
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	45 m³/h
Head	15 m
Eta	60 %
Speed	2900 rpm

Technology

Pump rotator speed	2900

Material

Impeller	304

Installation

Maximum Operation Pressure	0.25MPa
Maximum Altitude	1000M

Medium

Maximum diameter of particles (mm)	18
Medium PH Value	4~12
Medium Density	≤1.2*103kg/m3
Maximum Environment Temperature	≤40°C
Liquid Temperature Range	0°C40°C
Inlet Bore	80mm
Outlet Diameter	65mm
Expolded view	ZWL 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)	10.6A
Energy Efficiency Level	IE3

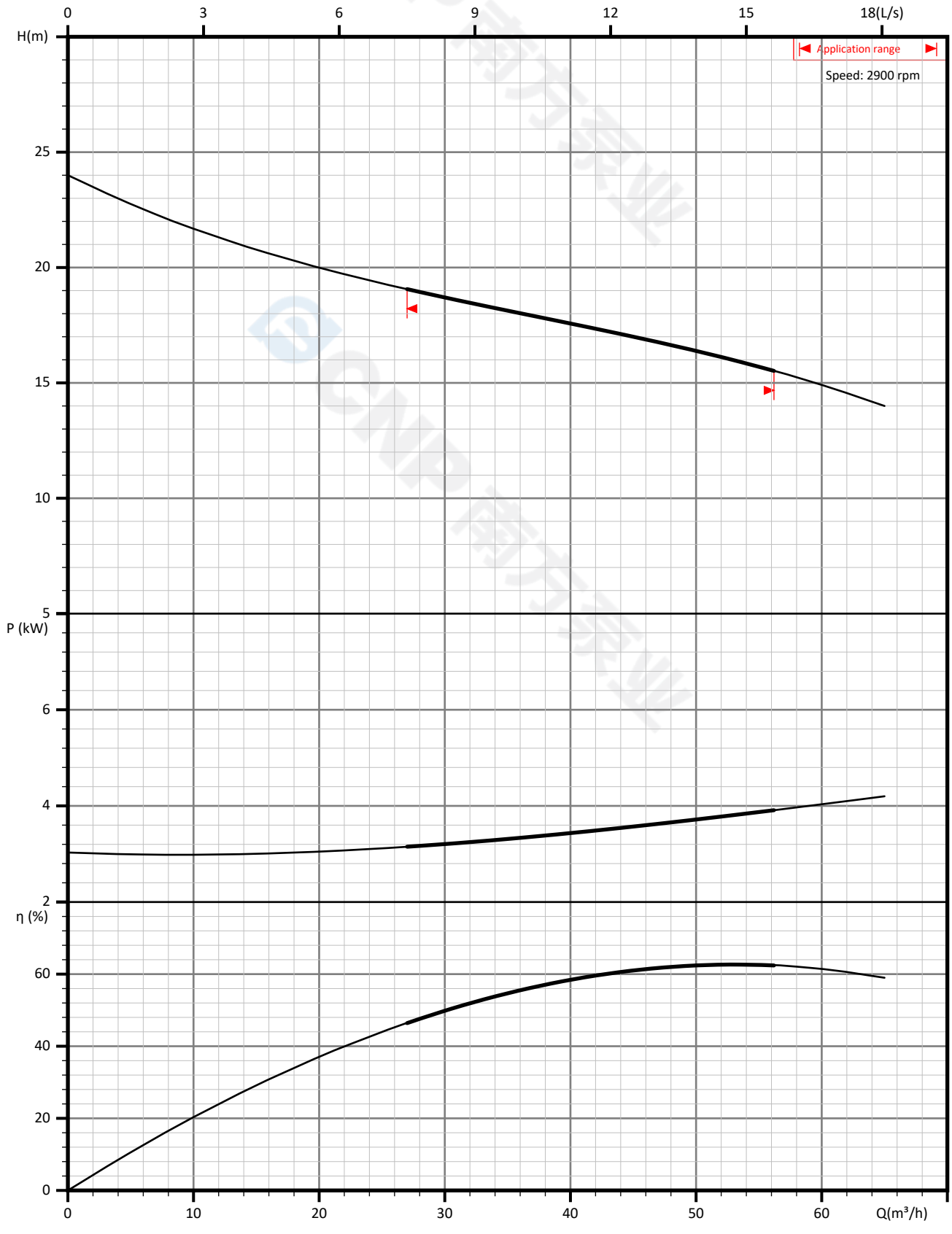
Others

Weight of Pump	220

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Performance Curve 80ZWL(F)45-15	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 hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar at mospherical pressure.
IS099062012 Grade 3B

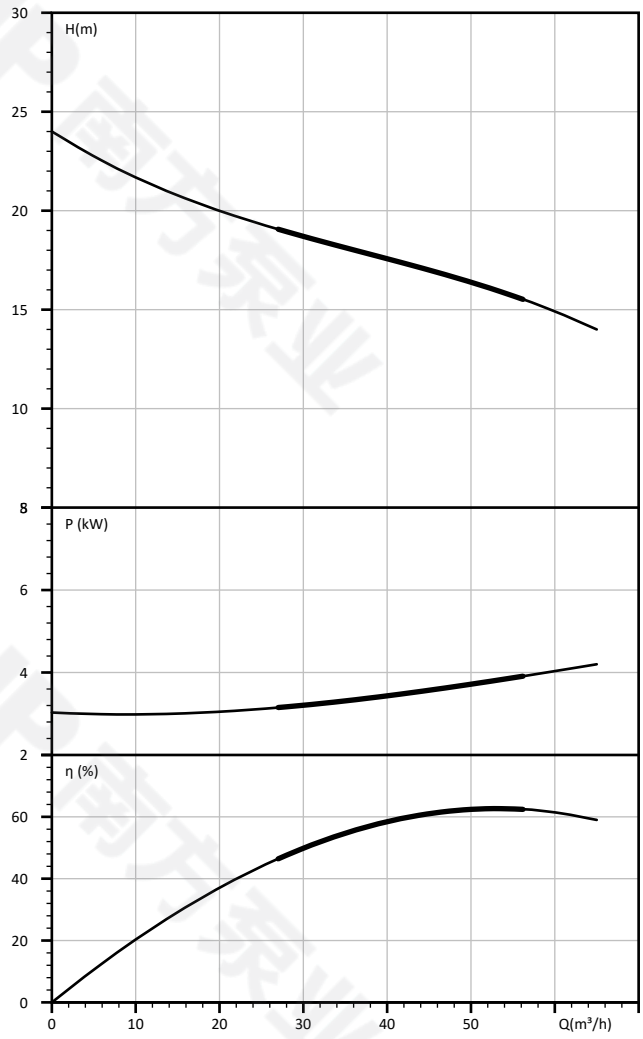


The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Pump Technical Parameters 80ZWL(F)45-15	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	

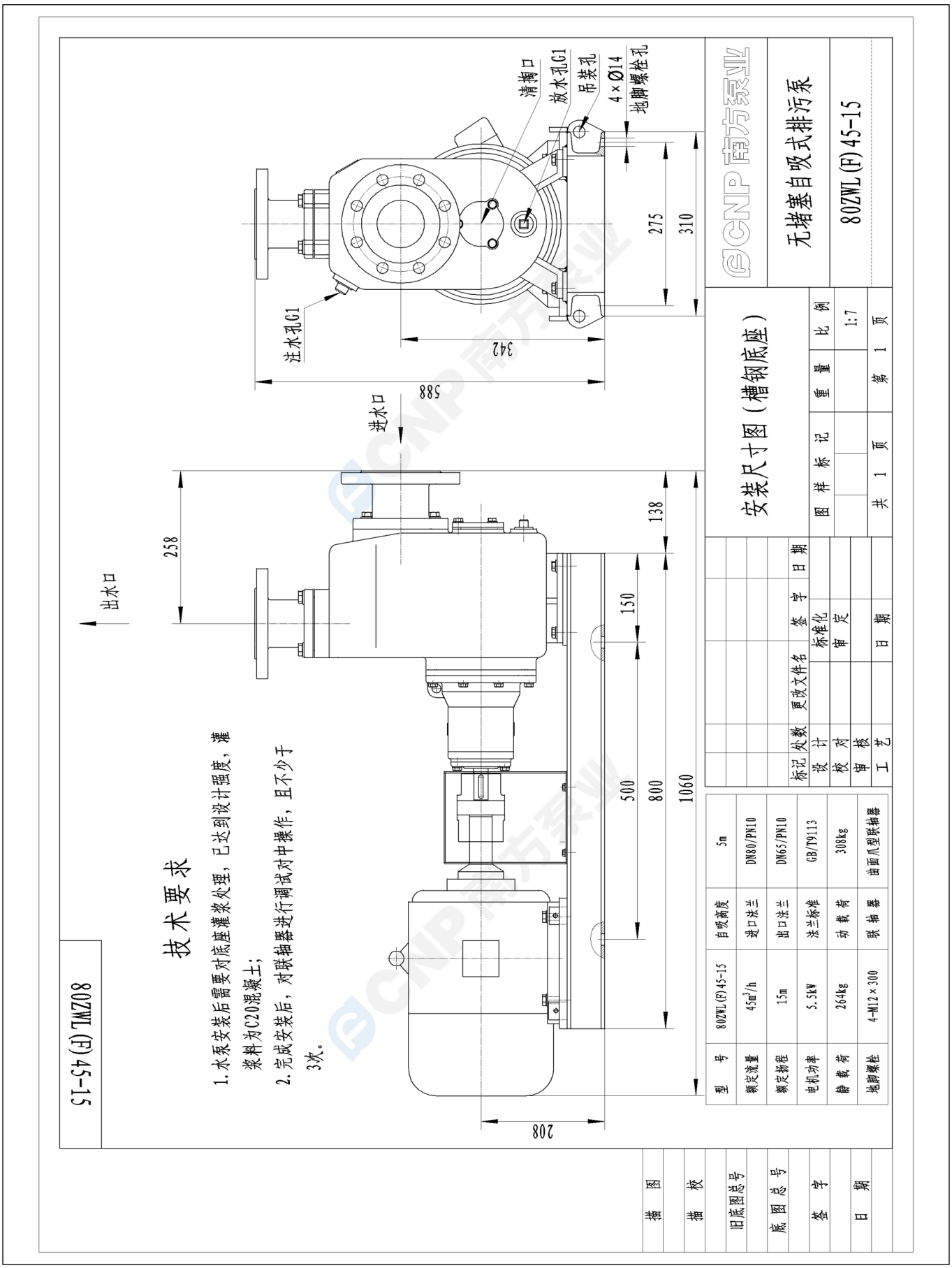
Rated parameters	
Pump model	80ZWL(F)45-15
Part NO.	1100316034
Rated flow	45 m^3/h
Rated head	15 m
Rated Eta	60 %
Rated Power	3.07 kW
Speed	2900 rpm
Max impeller diameter	135 mm

Medium	
Pumped medium	water
Working temperature	20 °C
Medium density	1000 kg/m^3
Viscosity	1 mm^2/s



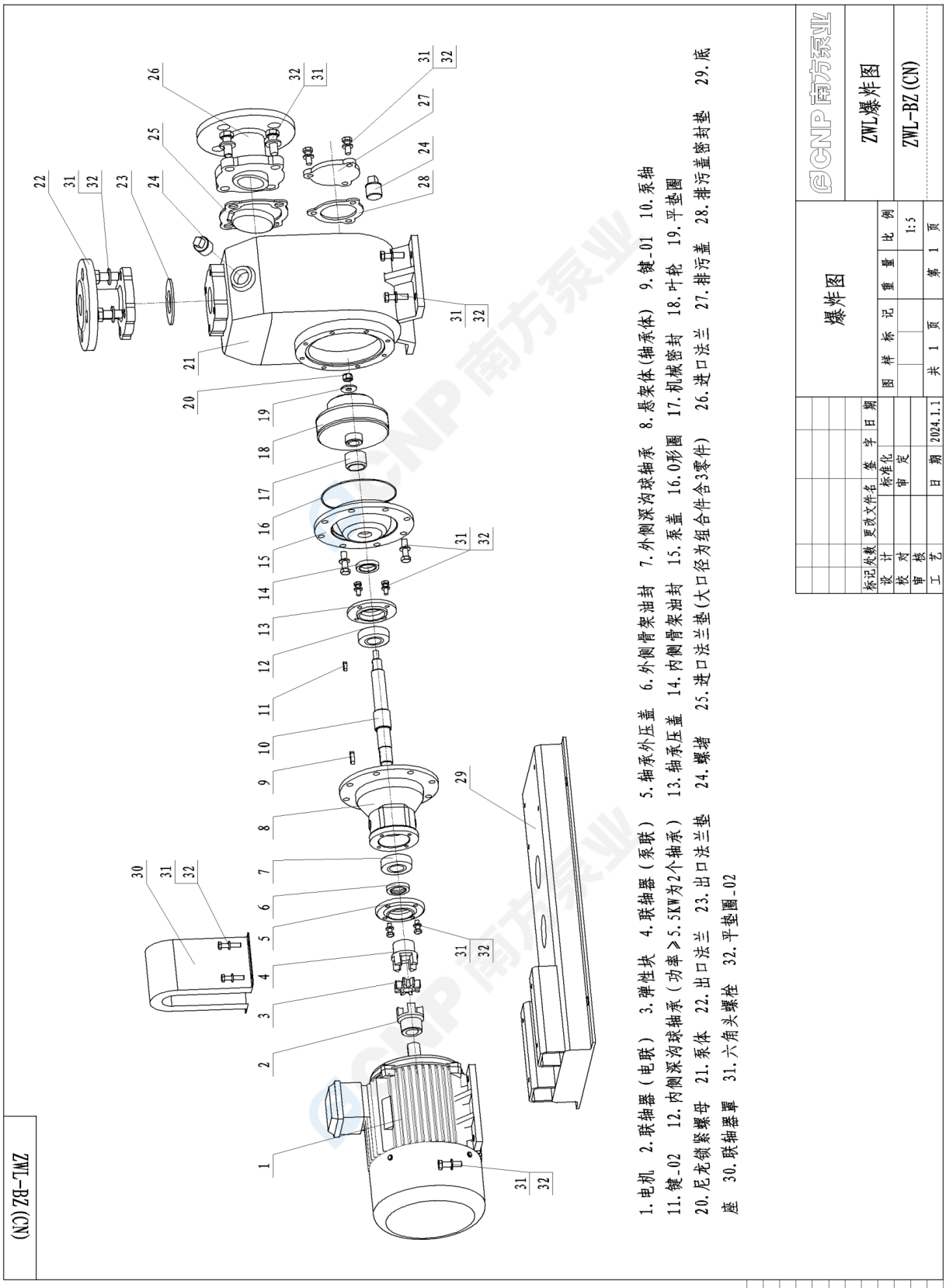
The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	**Dimension Drawing** **80ZWL(F)45-15**	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	Expolded view 80ZWL(F)45-15	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	Physical picture 80ZWL(F)45-15	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 80ZWL(F)45-15	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	80ZWL(F)45-15
Part NO.	1100316034
Product price	
Quantity	1
Total price	

Inquiry notes