CNP 南方泵业	Product Information HP42-12×2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/10
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Part NO.	131104224270
Product Picture: (Note: Images may not be the same as the product)	Note
	HP(Horizontal high pressure pump)contains two types, two pumps assembled to pump sets in serial or only one pump.Impellers are installed back to back so as to balance the big thrust force of the pump.

Nameplate parameters

Flow	42 m^3/h
Head	494 m
Eta	70 %
Speed	2950 rpm

Technology

Pump rotator speed	2950

Material

Impeller	304
Rubber code	E
Material Code	S

Installation

Connection Code	K
Maximum Operation Pressure	63bar

Medium

Medium Temperature normal temperature	-15~70°C
Medium Temperature high temperature	-15~120°C
Maximum Environment Temperature	40
Inlet & outlet size types	DN
Inlet & Outlet Diameter	76
Rotation Direction	Anti-clockwise rotation viewing from motor side
Expolded view	HP exploded view

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	45*2KW
Power Frequency(Hz)	50
Rated Voltage (V)	380V

Seal

Mechanical Seal	CDLA-22/WB1F14

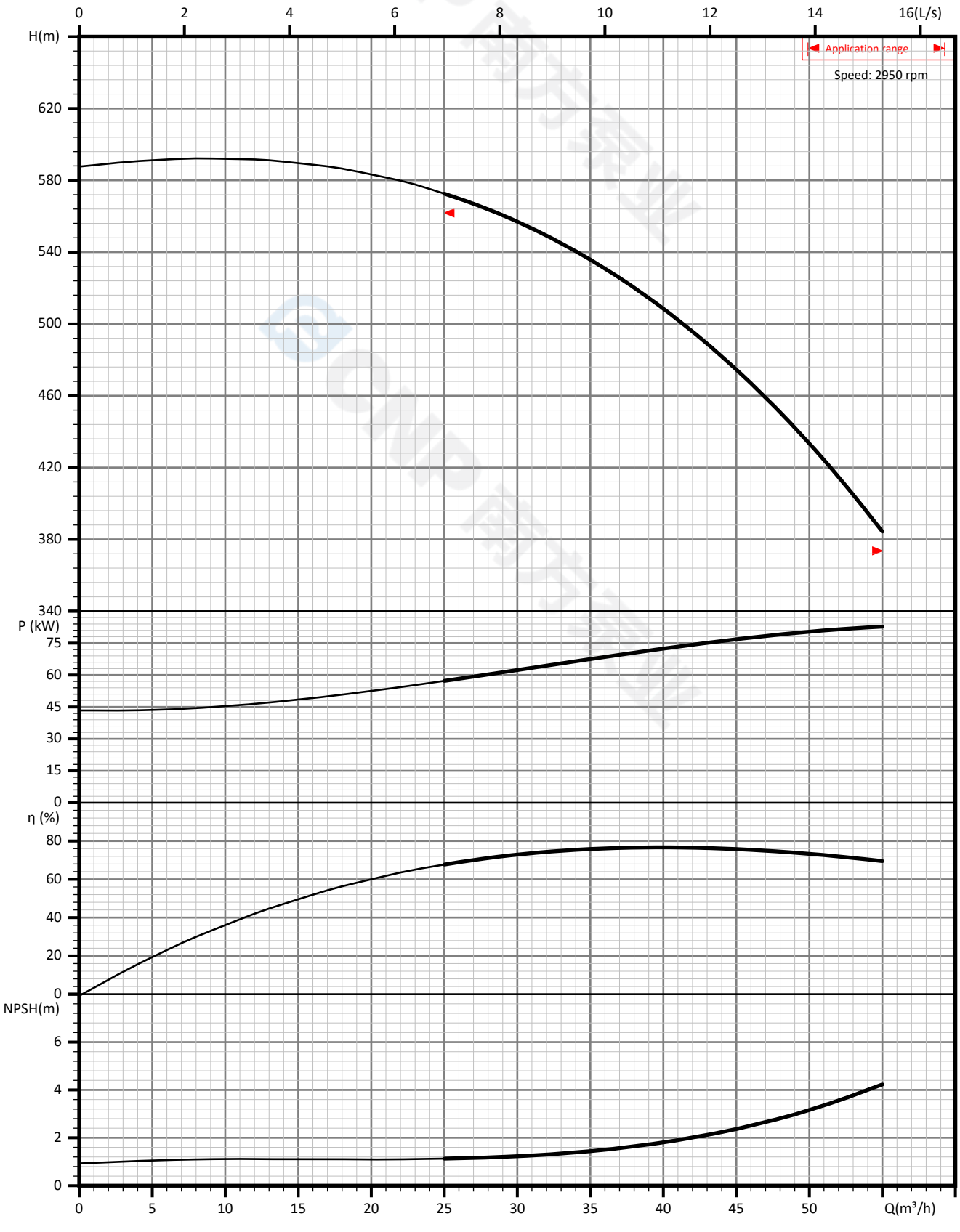
Others

Weight (kg)	1055

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	**Performance Curve** **HP42-12×2**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/10
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		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

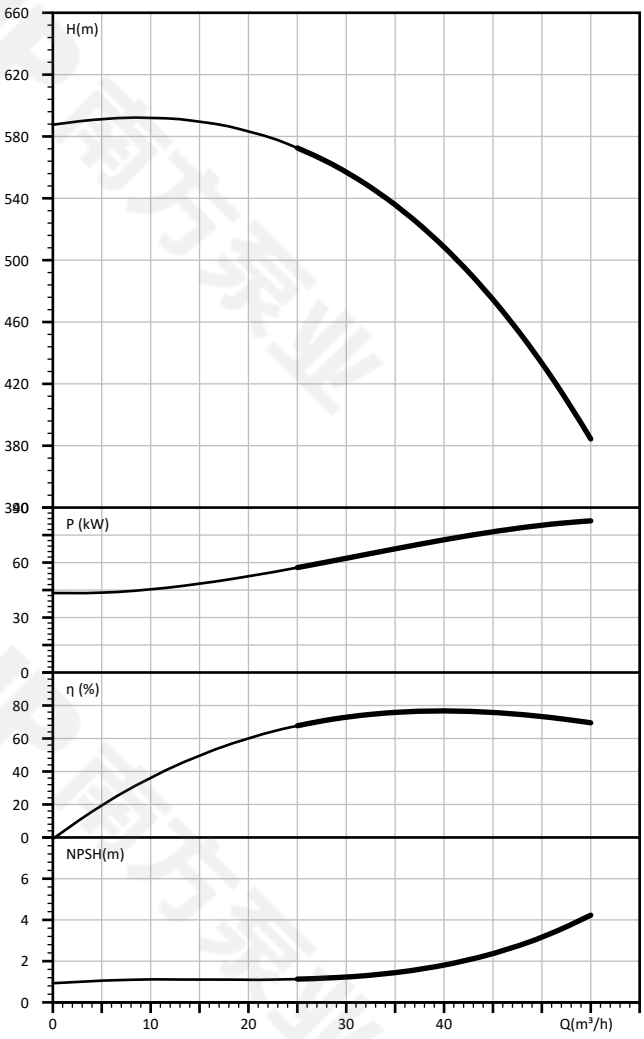


The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Pump Technical Parameters HP42-12×2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/10
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

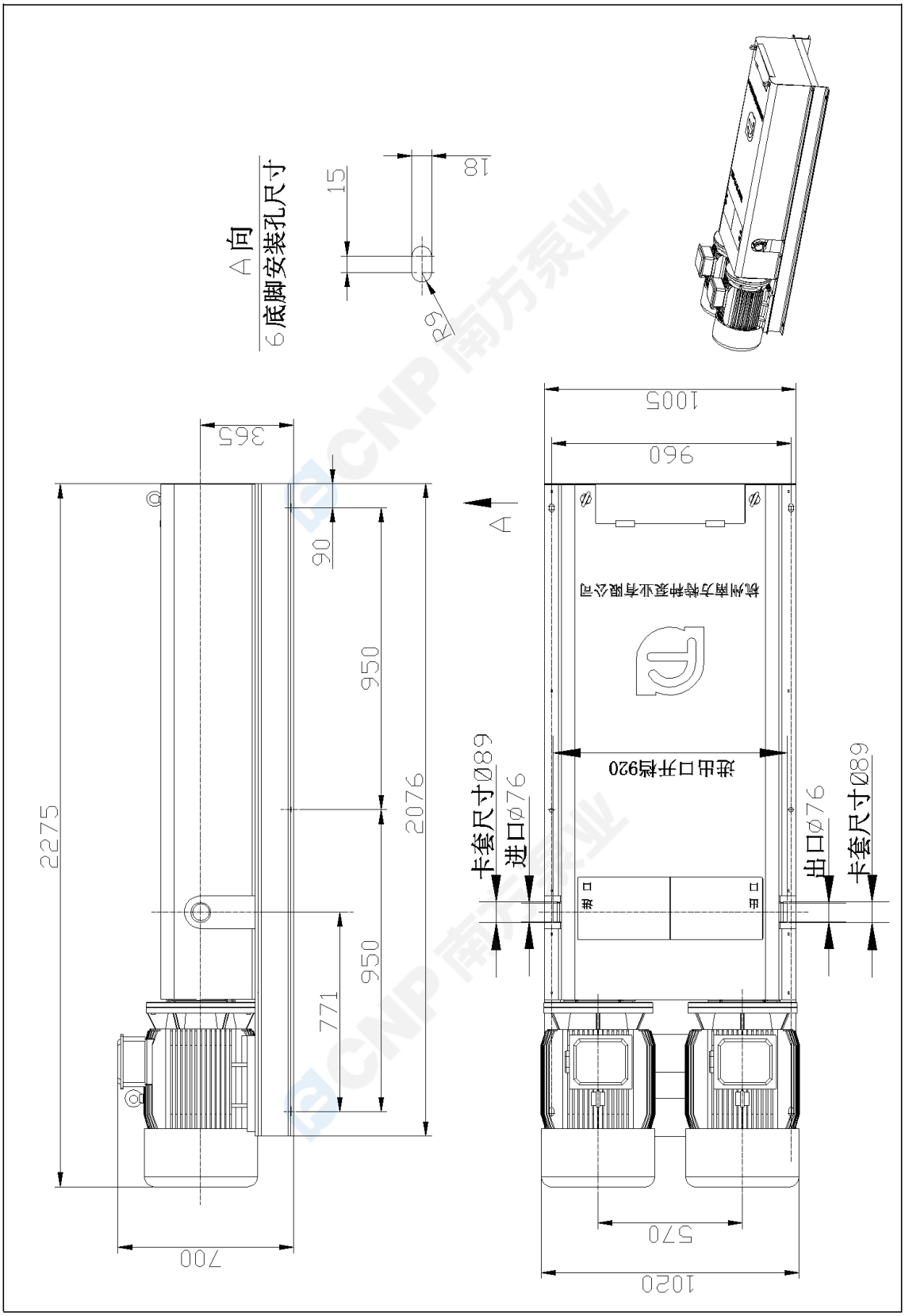
Rated parameters	
Pump model	HP42-12×2
Part NO.	131104224270
Rated flow	42 m^3/h
Rated head	494 m
Rated Eta	70 %
Rated Power	80.8 kW
NPSHr	3 m
Speed	2950 rpm
Max impeller diameter	136 mm

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



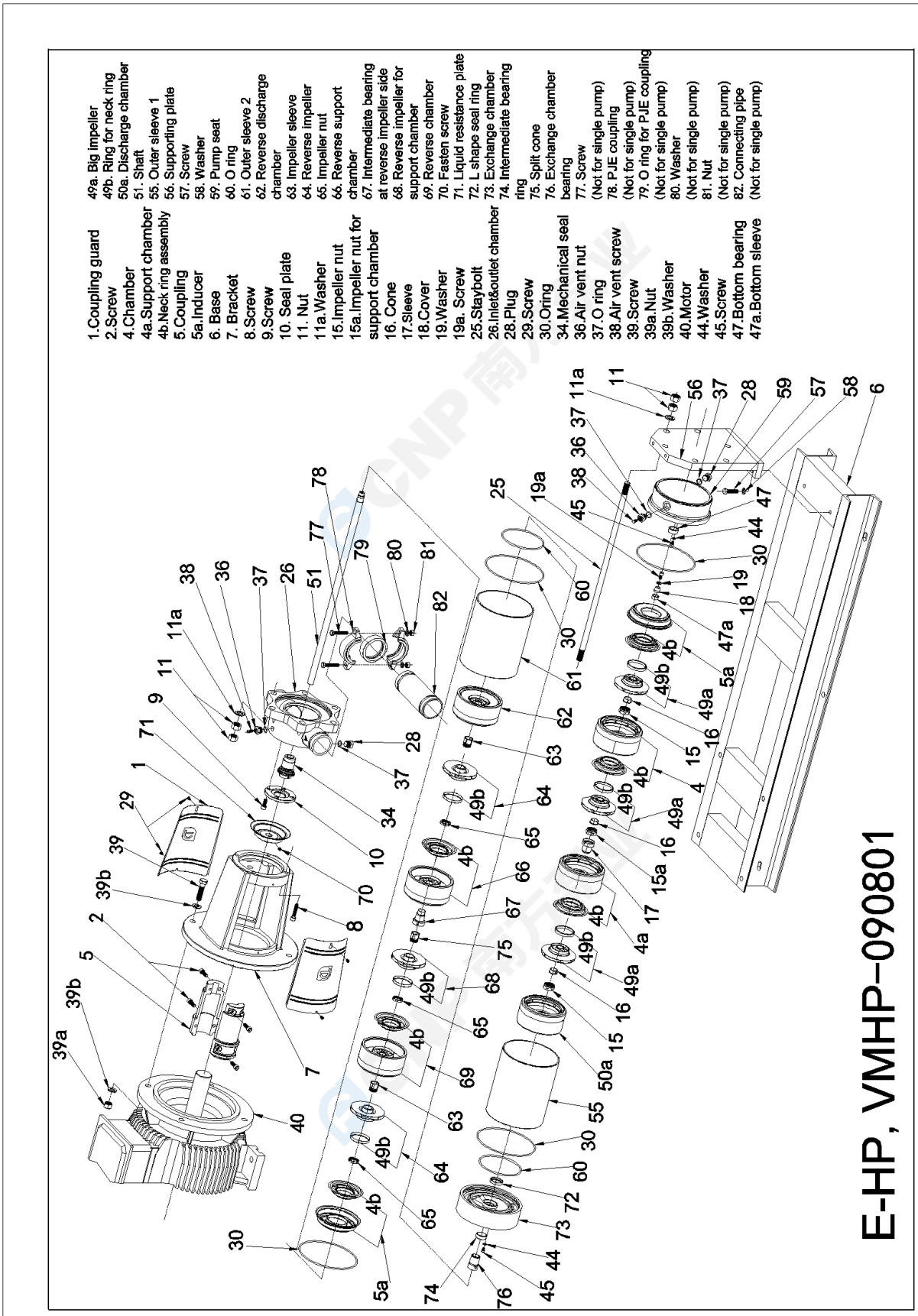
The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	**Dimension Drawing** **HP42-12×2**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/10
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Expolded view HP42-12×2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/10
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Physical picture HP42-12×2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/10
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Order Data HP42-12×2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/10
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Pump model	HP42-12×2
Part NO.	131104224270
Product price	
Quantity	1
Total price	

Inquiry notes