CNP 南方泵业	**Product Information** **PM550S**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/18
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	WEPKO
		Contact	

Part NO.	1100319041

Product Picture: (Note: Images may not be the same as the product)	Note
	PM series permanent magnet variable frequency pump

Nameplate parameters

Flow	3 m^3/h
Head	24 m
Eta	31.3 %
Speed	5200 rpm

Technology

Pump rotator speed	5200

Material

Impeller	PPO
Rubber code	P
Material Code	P

Medium

Medium Temperature normal temperature	3°C-75°C
Maximum Environment Temperature	40

Expolded view	PM550S exploded view

Motor

Number of Motor Phase	Three Phase
Protection Class	IPX6
Insulation Class	B
Motor Power(kW)	0.55KW
Power Frequency(Hz)	50-60
Rated Voltage (V)	220
Rated Current (A)	5.01
Energy Efficiency Level	IE5

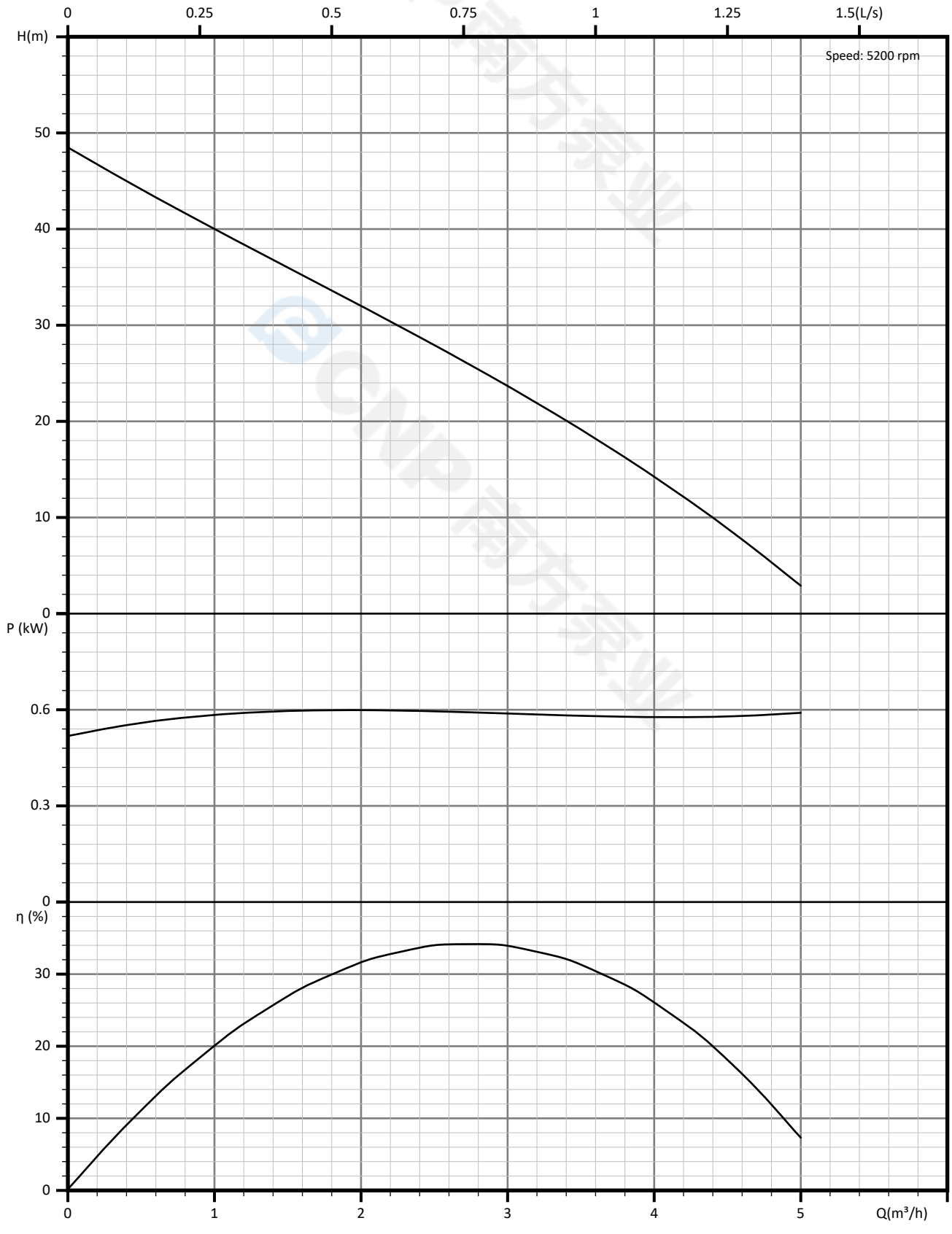
Others

Weight (kg)	7.8

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Performance Curve PM550S	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar at mospherical pressure.
IS099062012 Grade 3B

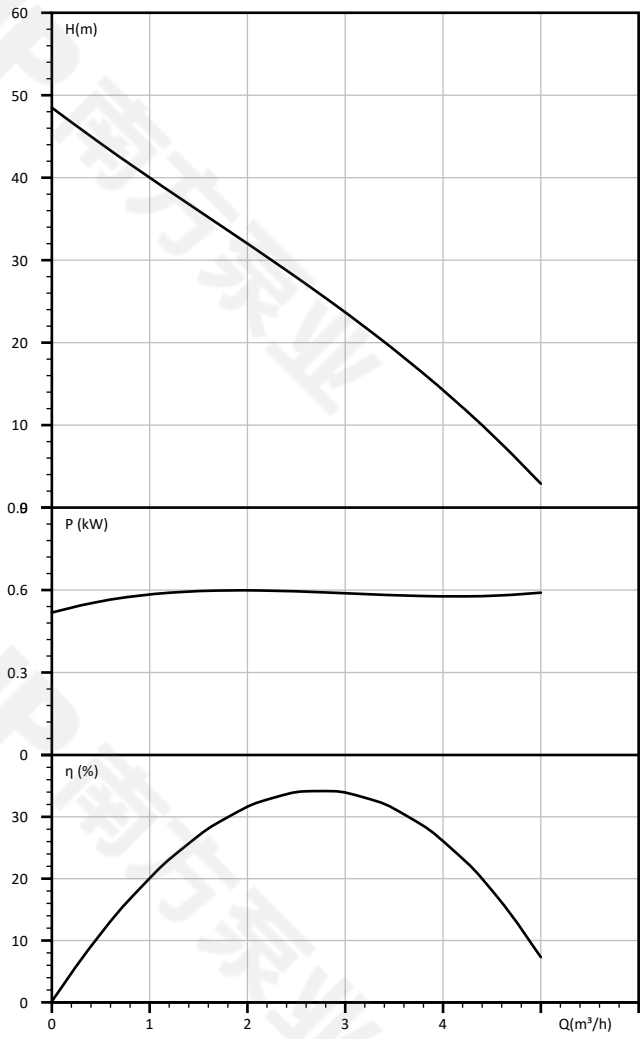


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CNP 南方泵业	Pump Technical Parameters PM550S	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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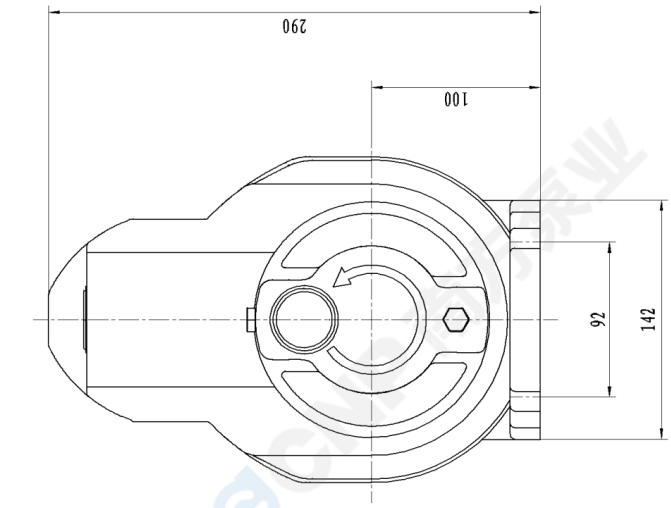
Rated parameters	
Pump model	PM550S
Part NO.	1100319041
Rated flow	3 m³/h
Rated head	24 m
Rated Eta	31.3 %
Rated Power	0.627 kW
NPSHr	2.2 m
Speed	5200 rpm
Max impeller diameter	72 mm

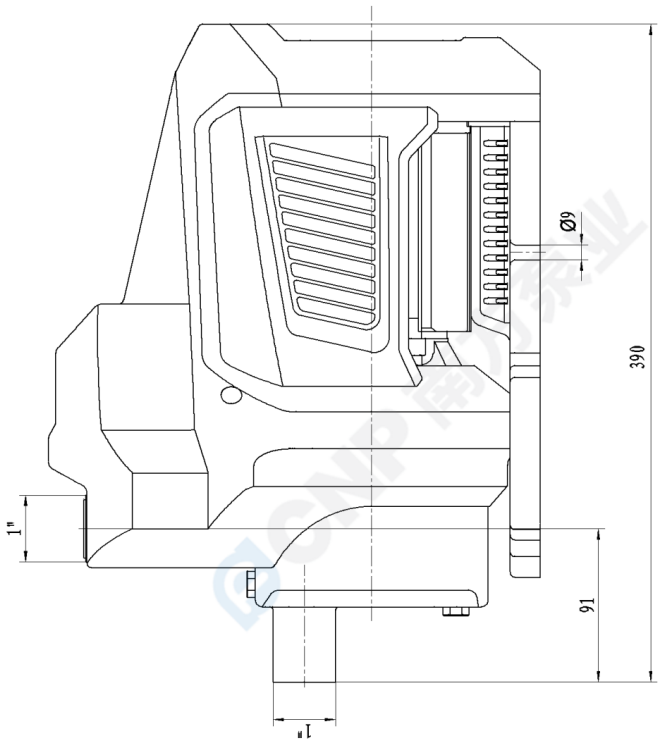
Medium	
Pumped medium	water
Working temperature	20 °C
Medium density	1000 kg/m³
Viscosity	1 mm²/s



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CNP 南方泵业	**Dimension Drawing** **PM550S**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
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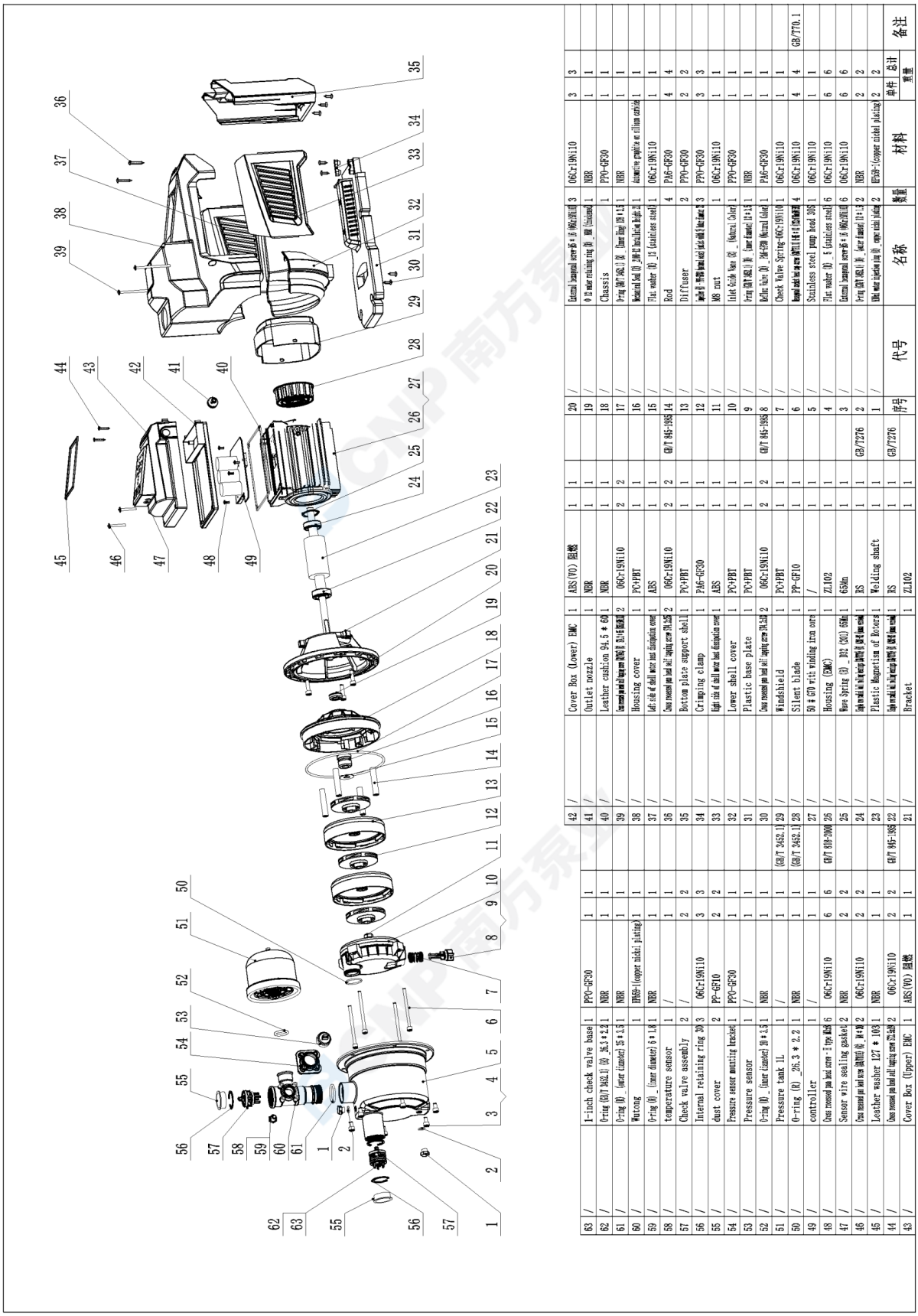




PM550S

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CNP 南方泵业	Expolded view PM550S	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/18
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	WEPKO
		Contact	



序号	代号	名称	数量	材料	单件	总计	备注
					重量		
63	/	1-inch check valve base	1	PPO-GF30	1	1	
62	/	O-ring (GB/T 3452.1) (D) 26.3 * 2.2	1	NBR	1	1	
61	/	O-ring (D) (outer diameter) 35 * 3.5	1	NBR	1	1	
60	/	Watering	1	HPb59-1(copper nickel plating)	1	1	
59	/	O-ring (D) (inner diameter) 6 * 1.8	1	NBR	1	1	
58	/	temperature sensor	1	/	1	1	
57	/	Check valve assembly	2	/	2	2	
56	/	Internal retaining ring 20	3	06Cr19Ni10	3	3	
55	/	dust cover	2	PP-GF10	2	2	
54	/	Pressure sensor mounting bracket	1	PPO-GF30	1	1	
53	/	Pressure sensor	1	/	1	1	
52	/	O-ring (D) (inner diameter) 20 * 3.5	1	NBR	1	1	
51	/	Pressure tank 1L	1	/	1	1	GB/T 9452.1
50	/	O-ring (D) 26.3 * 2.2	1	NBR	1	1	GB/T 9452.1
49	/	controller	1	/	1	1	
48	/	Cross recessed pan head screw - I type M4x6	6	06Cr19Ni10	6	6	GB/T 818-2000
47	/	Sensor wire sealing gasket	2	NBR	2	2	
46	/	Cross recessed pan head screw M4X10	2	06Cr19Ni10	2	2	
45	/	Leather washer 127 * 103	1	NBR	1	1	
44	/	Cross recessed pan head self-tapping screw M5x16	2	06Cr19Ni10	2	2	GB/T 845-1985
43	/	Cover Box (Upper) EMC	1	ABS(V0) 阻燃	1	1	
42	/	Cover Box (Lower) EMC	1	ABS(V0) 阻燃	1	1	
41	/	Outlet nozzle	1	NBR	1	1	
40	/	Leather cushion 94.5 * 60	1	NBR	1	1	
39	/	Cross recessed pan head self-tapping screw M3X6	2	06Cr19Ni10	2	2	
38	/	Housing cover	1	PC+PBT	1	1	
37	/	Left side of shell water inlet diaphragm cover	1	ABS	1	1	
36	/	Cross recessed pan head self-tapping screw M4.2x25	2	06Cr19Ni10	2	2	GB/T 845-1985
35	/	Bottom plate support shell	1	PC+PBT	1	1	
34	/	Crimping clamp	1	PA6-GF30	1	1	
33	/	Right side of shell water inlet diaphragm cover	1	ABS	1	1	
32	/	Lower shell cover	1	PC+PBT	1	1	
31	/	Plastic base plate	1	PC+PBT	1	1	
30	/	Cross recessed pan head self-tapping screw M4.2x8	2	06Cr19Ni10	2	2	GB/T 845-1985
29	/	Windshield	1	PC+PBT	1	1	
28	/	Silent blade	1	PP-GF10	1	1	
27	/	5W 4 Ω PWD with winding iron core	1	/	1	1	
26	/	Housing (EMC)	1	ZL102	1	1	
25	/	Wave Spring (D) D22 (OD) 65Mn	1	65Mn	1	1	
24	/	Inductive shaft for driving DC motor	1	RS	1	1	GB/T276
23	/	Plastic Magnetism of Rotors	1	Welding shaft	1	1	
22	/	Inductive shaft for driving DC motor	1	RS	1	1	GB/T276
21	/	Bracket	1	ZL102	1	1	
20	/	External hexagonal screw M5 * 16	3	06Cr19Ni10	3	3	
19	/	O ring water retaining ring (D) (inner diameter)	1	NBR	1	1	
18	/	Chassis	1	PPO-GF30	1	1	
17	/	O-ring (D) (inner ring) 15 * 1.5	1	NBR	1	1	
16	/	Mechanical seal (D) 12mm Tungsten carbide ceramic	1	Automotive graphite or silicon carbide	1	1	
15	/	Flat washer (D) 15 (stainless steel)	1	06Cr19Ni10	1	1	
14	/	Rod	4	PA6-GF30	4	4	
13	/	Diffuser	2	PPO-GF30	2	2	
12	/	Impeller (D) 12mm Tungsten carbide shaft hole 3mm	3	PPO-GF30	3	3	
11	/	M5 nut	1	06Cr19Ni10	1	1	
10	/	Inlet Guide Vane (D) (Material Silver)	1	PPO-GF30	1	1	
9	/	O-ring (GB/T 3452.1) (D) (inner diameter) 14 * 1.8	1	NBR	1	1	
8	/	Muffler Valve (D) 26mm (Material Silver)	1	PA6-GF30	1	1	
7	/	Check Valve Spring-06Cr19Ni10	1	06Cr19Ni10	1	1	
6	/	Impeller axle sleeve 12mm (D) 14 * 11.5 (Chamfer) 3mm	4	06Cr19Ni10	4	4	GB/T70.1
5	/	Stainless steel pump head 30S	1	06Cr19Ni10	1	1	
4	/	Flat washer (D) 5 (stainless steel)	6	06Cr19Ni10	6	6	
3	/	External hexagonal screw M5 * 16	6	06Cr19Ni10	6	6	
2	/	O-ring (D) (inner diameter) 14 * 1.8	2	NBR	2	2	
1	/	Water pipeline joint (D) copper nickel plating	2	HPb59-1(copper nickel plating)	2	2	

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CNP 南方泵业	Physical picture PM550S	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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		Contact	



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CNP 南方泵业	Order Data PM550S	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/18
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	WEPKO
		Contact	

Pump model	PM550S
Part NO.	1100319041
Product price	
Quantity	1
Total price	

Inquiry notes