

 CNP 南方泵业	Product Information SJ5-21	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/06/30
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Part NO.	1100050778		
Product Picture: (Note: Images may not be the same as the product)		Note	
		Stainless steel multi-stage submersible pump is equipped with a submersible motor which can replace traditional long axis Deep-well pump.The pump is also equipped with a check valve to protect itself from reflux and water hammer.	

Nameplate parameters

Flow	5 m ³ /h
Head	79 m
Efficiency	53 %
Speed	2850 rpm
Number of stages	21

Material

Impeller	304
Material Code	F

Installation

Operation Pressure	24bar
Maximum Immersion Depth	70m
Maximum Operation Pressure	38bar

Medium

Medium Temperature	15~40°C
Medium PH Value	6.5~8.5
Liquid Temperature Range	+25°C

Structure dimension

Rotation Direction	Anti-clockwise rotation viewing from outlet
Explosed view	SJ1,3,5 exploded view

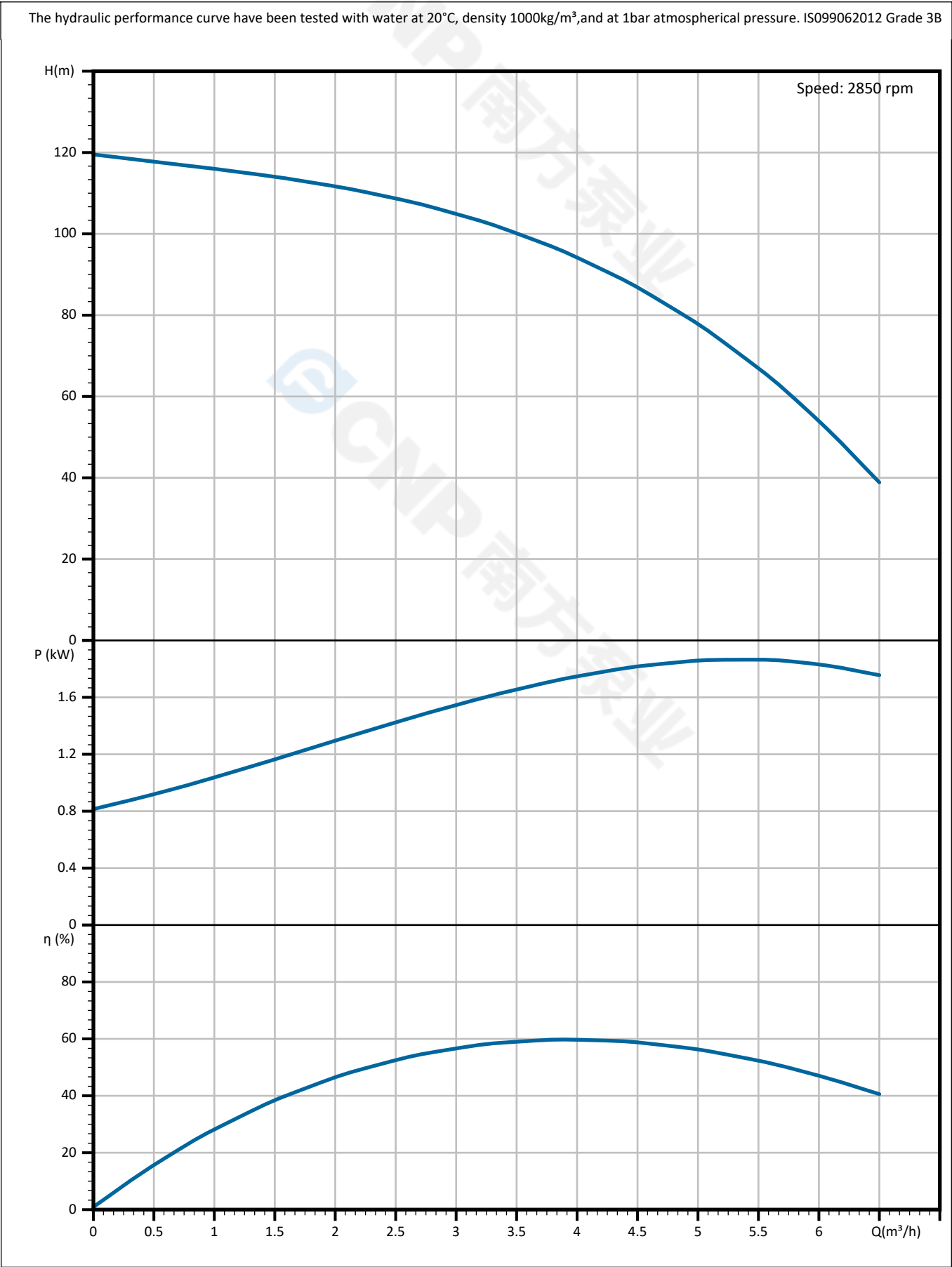
Motor

Number of Motor Phase	Three Phase
Protection Class	IP68
Insulation Class	F
Motor Power(kW)	2.2KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380

Others

Weight (kg)	26
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	Performance Curve SJ5-21	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Pump Technical Parameters SJ5-21	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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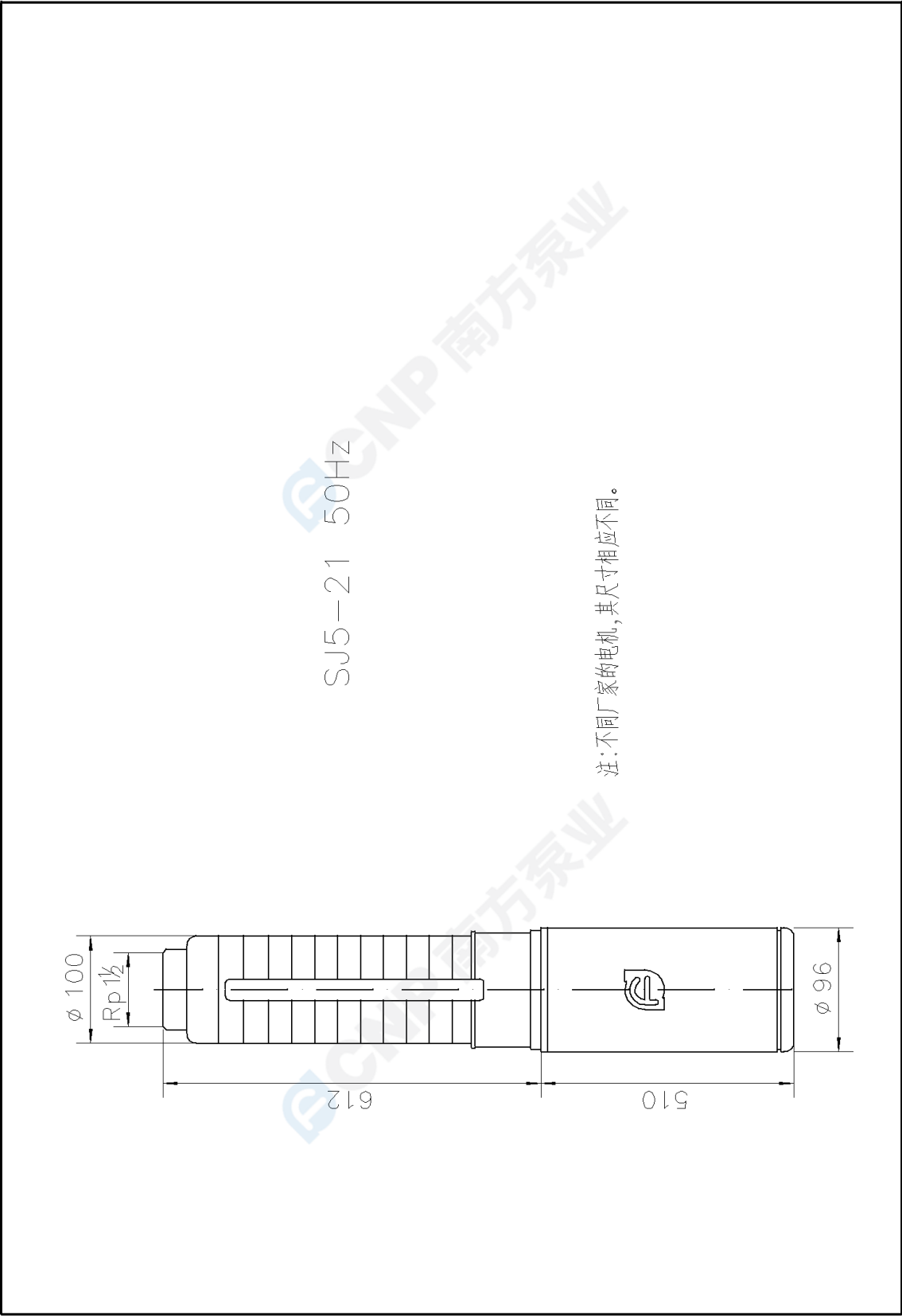
Rated parameters	
Pump model	SJ5-21
Part NO.	1100050778
Rated flow	5 m³/h
Rated head	79 m
Rated efficiency	53 (%)
Power (kW)	2.03 kW
Speed (rpm)	2850
Max impeller diameter (mm)	73
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

The image displays three performance graphs for the SJ5-21 pump, plotted against flow rate (Q) in m³/h. The top graph shows Head (H) in meters, the middle graph shows Power (P) in kW, and the bottom graph shows Efficiency (η) in percent. All three graphs share a common x-axis ranging from 0 to 6 m³/h with major grid lines every 1 m³/h and minor grid lines every 0.2 m³/h.

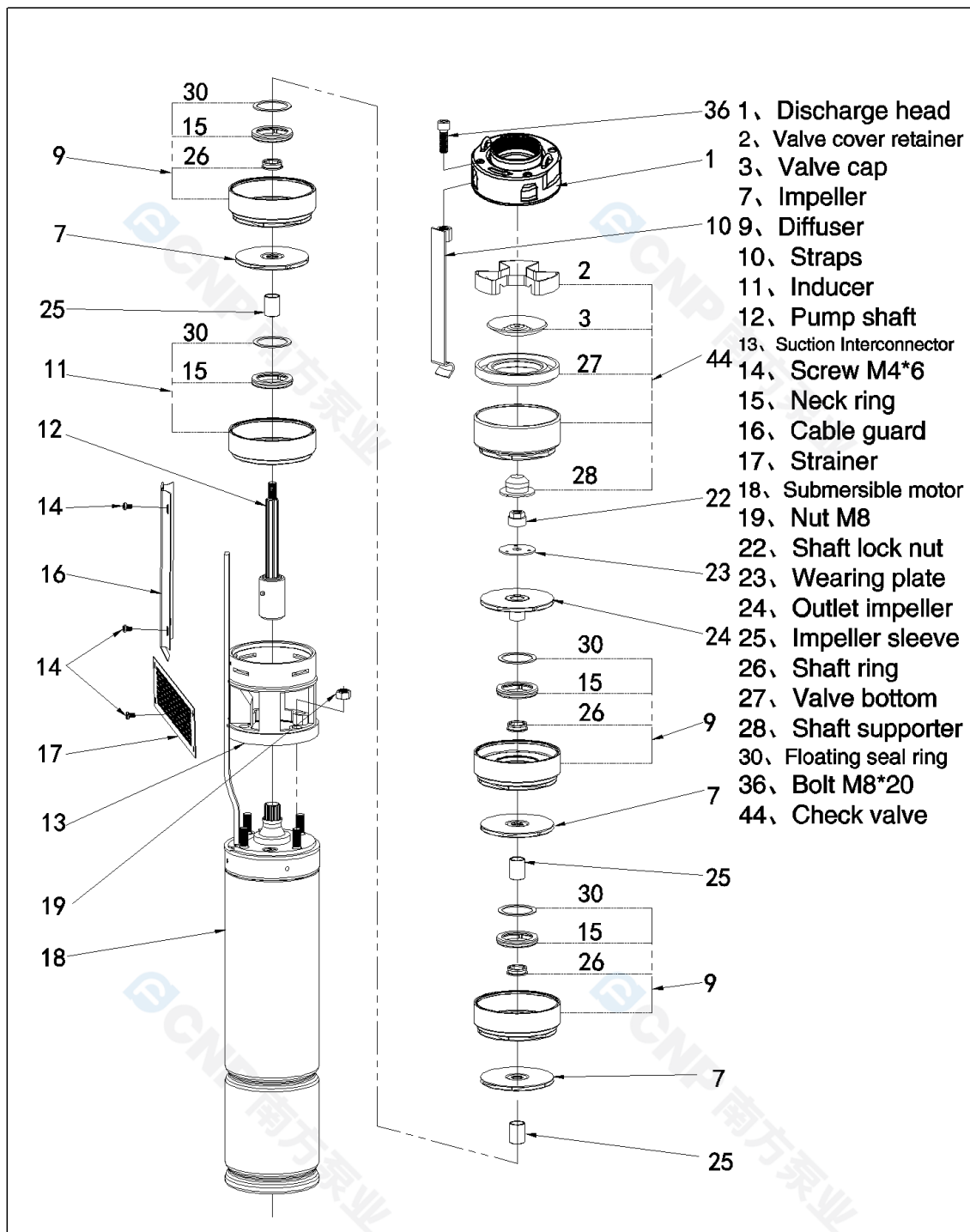
- Head (H) vs Flow (Q):** The head starts at approximately 120 m at 0 m³/h and decreases as flow increases, reaching about 40 m at 6 m³/h.
- Power (P) vs Flow (Q):** The power starts at approximately 0.8 kW at 0 m³/h, increases to a peak of about 1.8 kW at 5 m³/h, and then slightly decreases to about 1.7 kW at 6 m³/h.
- Efficiency (η) vs Flow (Q):** The efficiency starts at 0% at 0 m³/h, increases to a peak of about 60% at 4 m³/h, and then decreases to about 40% at 6 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)
0	120	0.8	0
1	118	1.0	25
2	115	1.2	45
3	110	1.4	55
4	100	1.7	60
5	85	1.8	55
6	40	1.7	40

 CNP 南方泵业	Dimension Drawing SJ5-21	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Explosed view SJ5-21	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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E-SJ1, 3, 5-151102

 CNP 南方泵业	Physical picture SJ5-21	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data SJ5-21	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model SJ5-21
Part NO. 1100050778
Product price
Quantity 1
Total price

Inquiry notes