

 CNP 南方泵业	Product Information SJ3-31	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.	1100050604
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	3 m ³ /h
Head	127 m
Efficiency	51 %
Speed	2850 rpm
Number of stages	31

Material

Impeller	304
Material Code	F

Installation

Operation Pressure	25bar
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

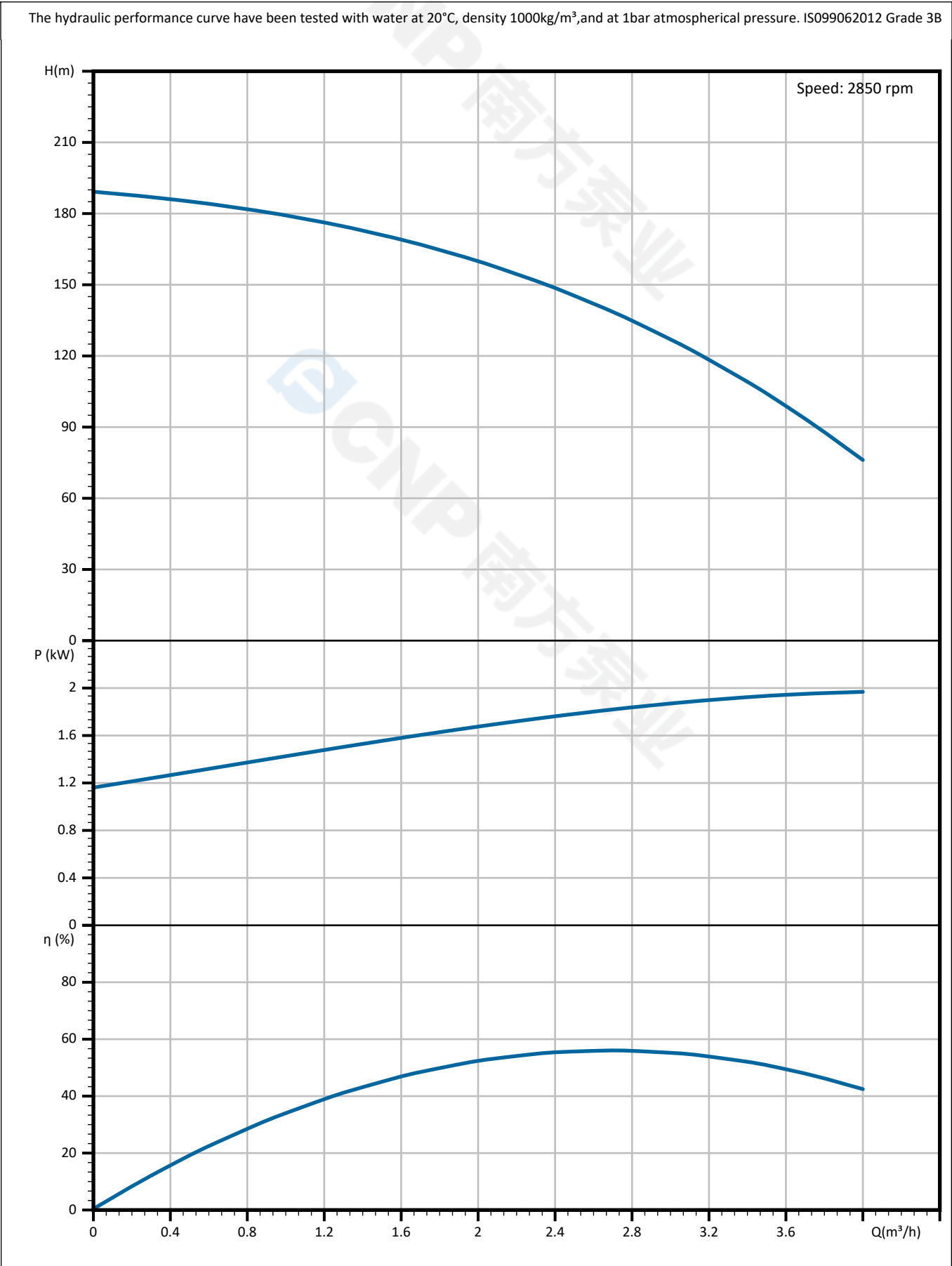
Motor

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)	28
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 CNP 南方泵业	Performance Curve SJ3-31	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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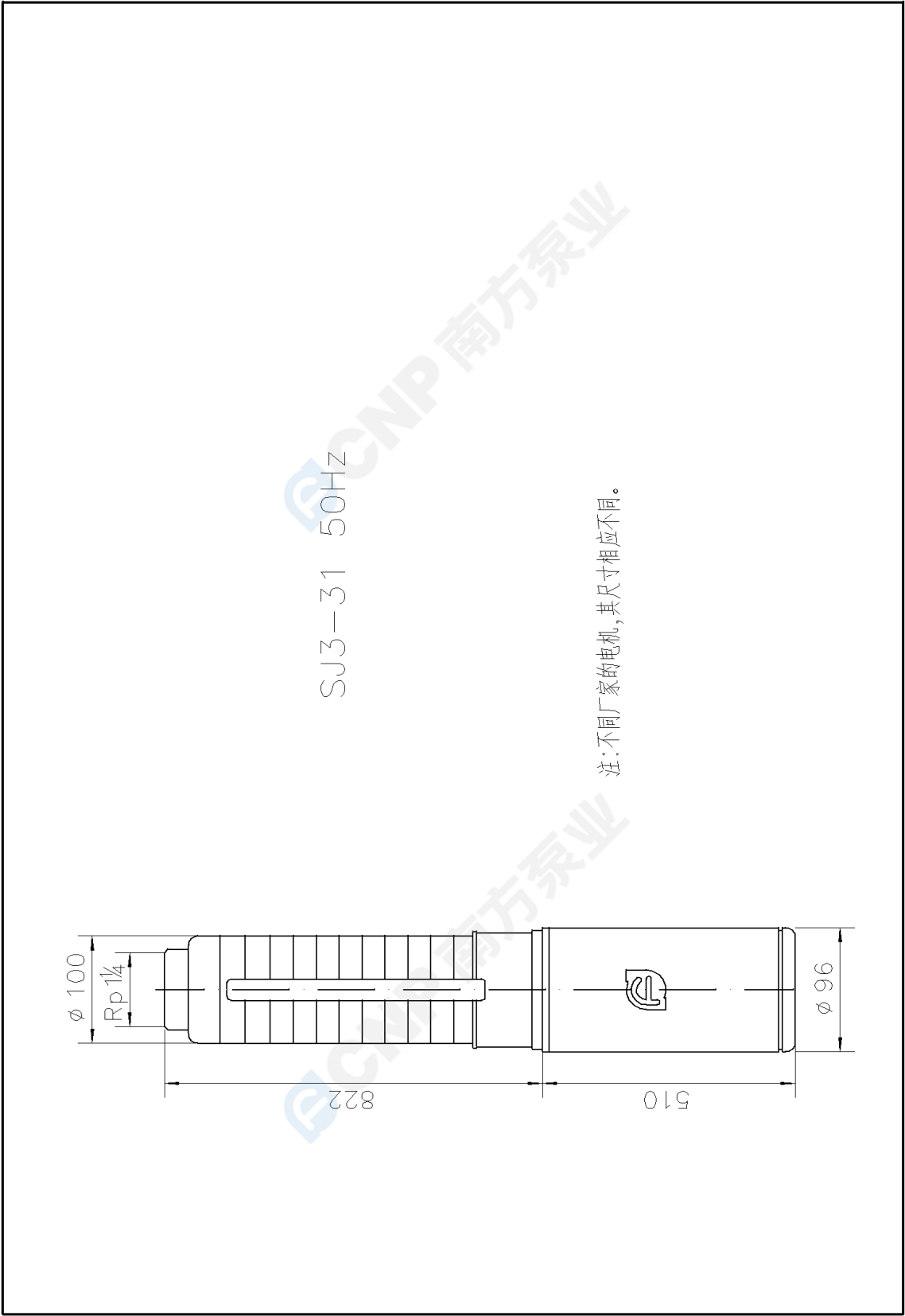
 CNP 南方泵业	Pump Technical Parameters SJ3-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	SJ3-31
Part NO.	1100050604
Rated flow	3 m³/h
Rated head	127 m
Rated efficiency	51 (%)
Power (kW)	2.04 kW
Speed (rpm)	2850
Max impeller 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 SJ3-31 pump, plotted against flow rate (Q) in m³/h on the x-axis, ranging from 0 to 4.0.

- Head (H) vs Flow (Q):** The top graph shows the head curve starting at approximately 190 m at 0 m³/h and decreasing to about 80 m at 4.0 m³/h.
- Power (P) vs Flow (Q):** The middle graph shows the power curve starting at approximately 1.0 kW at 0 m³/h and increasing to about 1.9 kW at 4.0 m³/h.
- Efficiency (η) vs Flow (Q):** The bottom graph shows the efficiency curve starting at 0% at 0 m³/h, peaking at approximately 55% around 2.5 m³/h, and then decreasing to about 45% at 4.0 m³/h.

 CNP 南方泵业	Dimension Drawing SJ3-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Explosed view SJ3-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Physical picture SJ3-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data SJ3-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Project Name		Client Name	WEPKO
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Item NO		Contacts	Wepko
		Contact	

Pump model SJ3-31
Part NO. 1100050604
Product price
Quantity 1
Total price

Inquiry notes