

 CNP 南方泵业	Product Information SJ1-48	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.	1100050400		
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	1 m ³ /h
Head	249 m
Efficiency	38 %
Speed	2850 rpm
Number of stages	48

Material

Impeller	304
Material Code	F

Installation

Operation Pressure	28bar
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

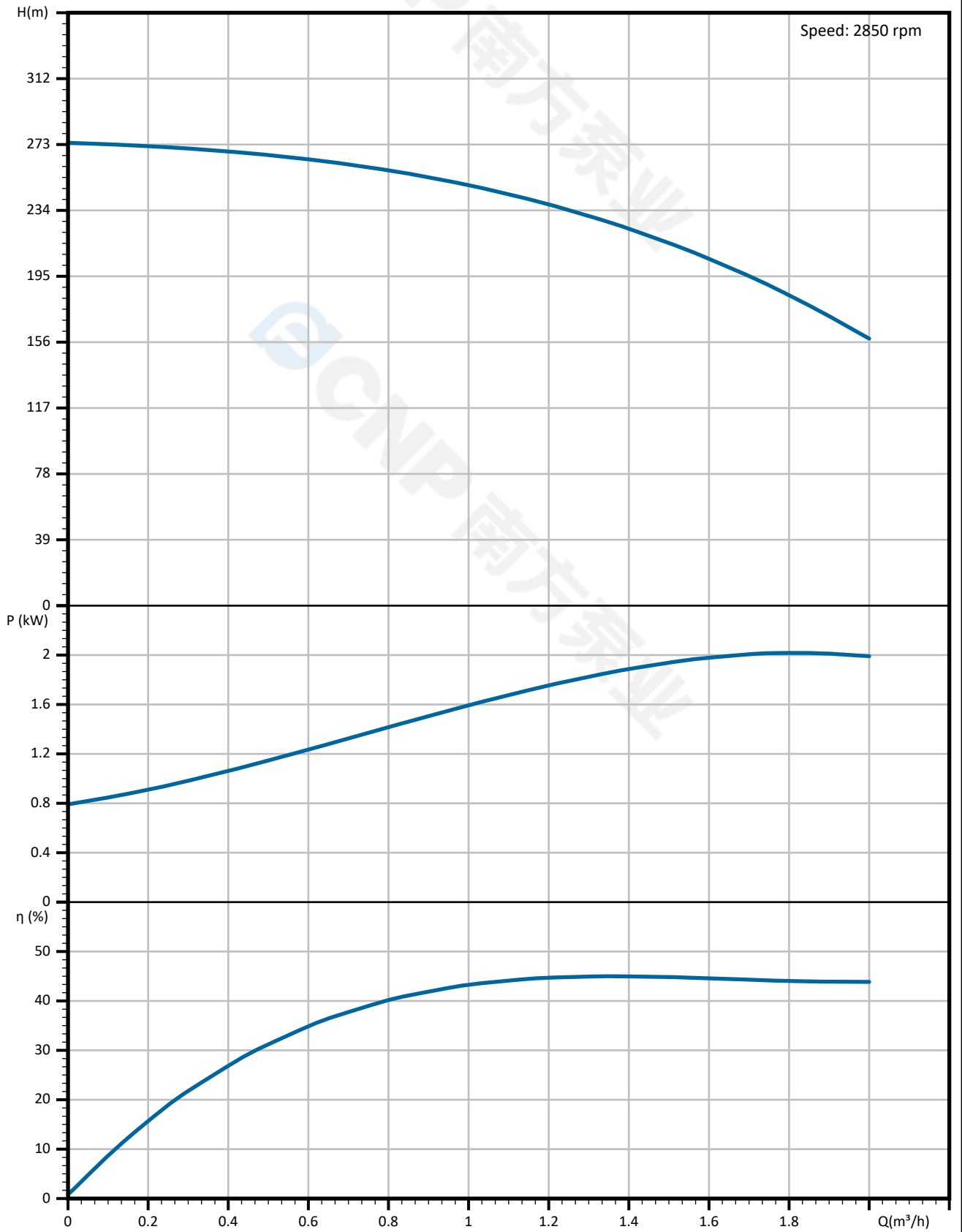
Number of Motor Phase	Three Phase
Protection Class	IP68
Insulation Class	F
Motor Power(kW)	2.2KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380

Others

Weight (kg)	32
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 CNP 南方泵业	Performance Curve SJ1-48	Manufacturer	Nanfeng 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 atmospherical pressure. ISO99062012 Grade 3B



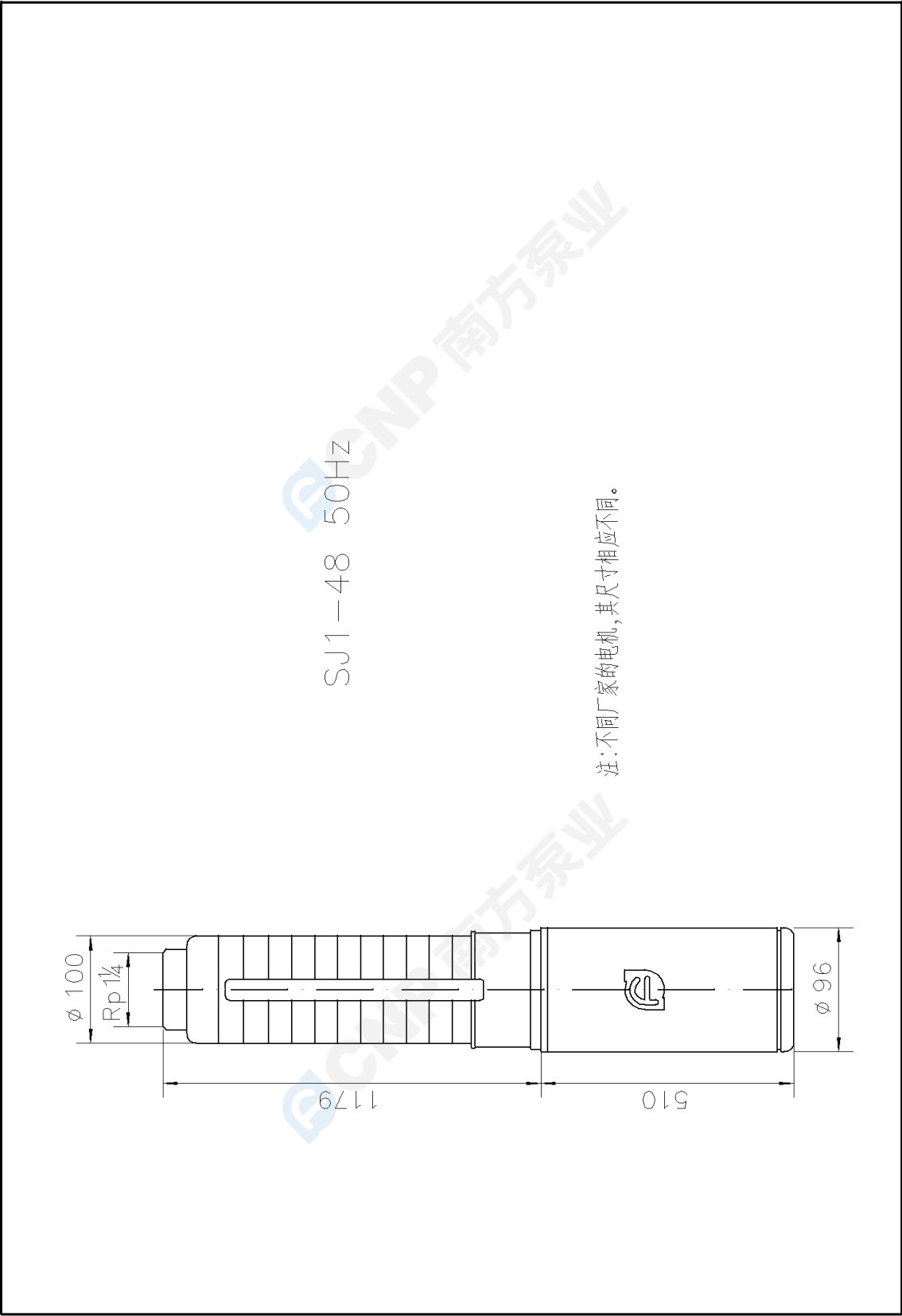
 CNP 南方泵业	Pump Technical Parameters SJ1-48	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	SJ1-48
Part NO.	1100050400
Rated flow	1 m³/h
Rated head	249 m
Rated efficiency	38 (%)
Power (kW)	1.79 kW
Speed (rpm)	2850
Max impeller diameter (mm)	73
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

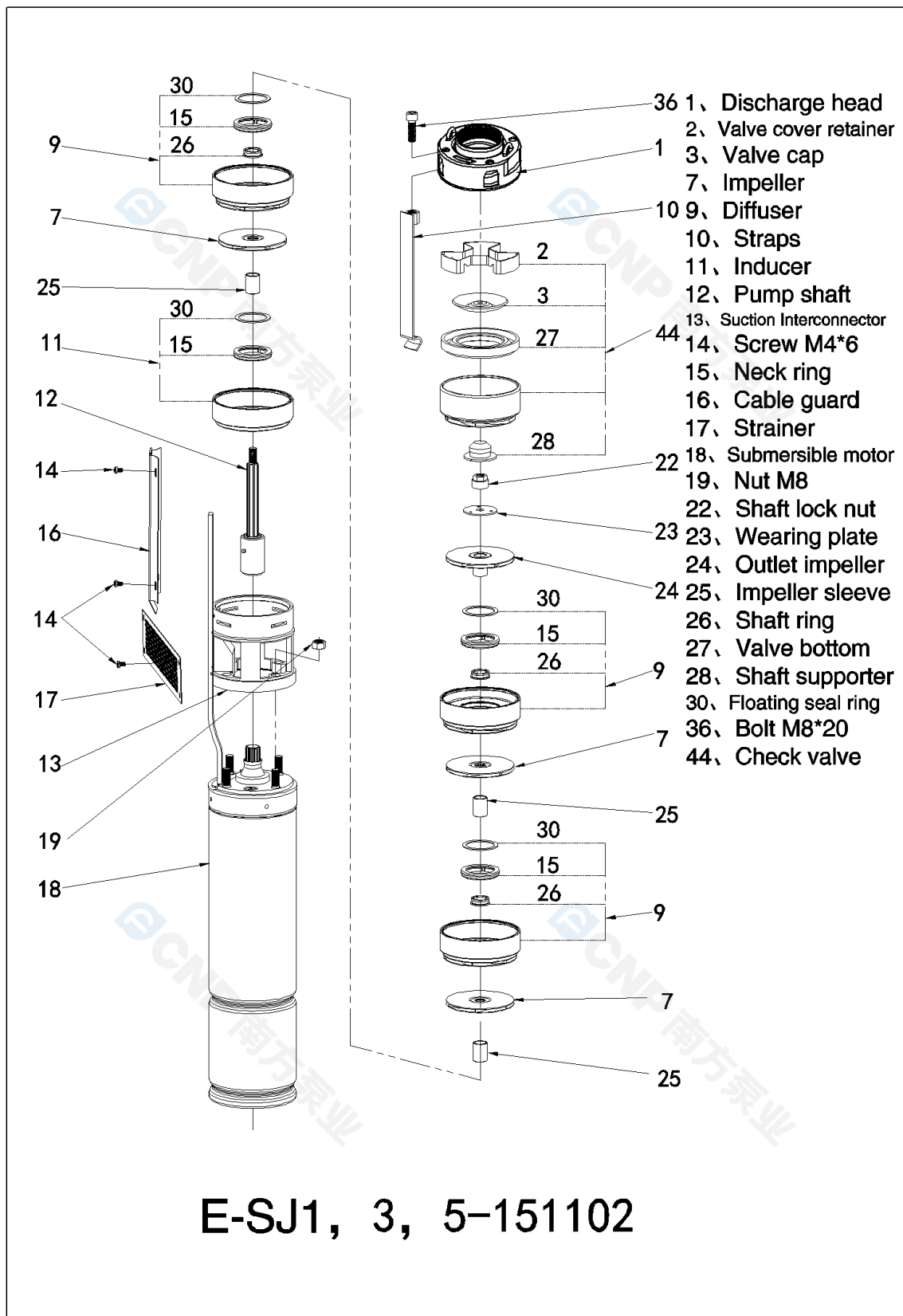
The figure displays three performance graphs for the SJ1-48 pump, plotted against flow rate (Q) in m³/h on the x-axis, ranging from 0 to 2.0. The top graph shows Head (H) in meters, starting at approximately 273 m at 0.2 m³/h and decreasing to about 156 m at 1.8 m³/h. The middle graph shows Power (P) in kW, increasing from approximately 0.8 kW at 0.2 m³/h to about 1.8 kW at 1.8 m³/h. The bottom graph shows Efficiency (η) in percent, increasing from 0% at 0.2 m³/h to a peak of about 45% around 1.2 m³/h, then slightly decreasing to about 44% at 1.8 m³/h.

Flow Rate (Q) [m³/h]	Head (H) [m]	Power (P) [kW]	Efficiency (η) [%]
0.2	273	0.8	0
0.4	270	1.0	25
0.8	260	1.4	40
1.2	245	1.7	45
1.6	215	1.8	44
1.8	156	1.8	44

 CNP 南方泵业	Dimension Drawing SJ1-48	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Explosed view SJ1-48	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Physical picture SJ1-48	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data SJ1-48	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model SJ1-48
Part NO. 1100050400
Product price
Quantity 1
Total price

Inquiry notes