

 CNP 南方泵业	Product Information SJ120-3-1	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.	1100052658		
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	120 m ³ /h
Head	53.5 m
Efficiency	73 %
Speed	2900 rpm
Number of stages	3

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
Expolded view	SJ120,150 exploded view

Motor

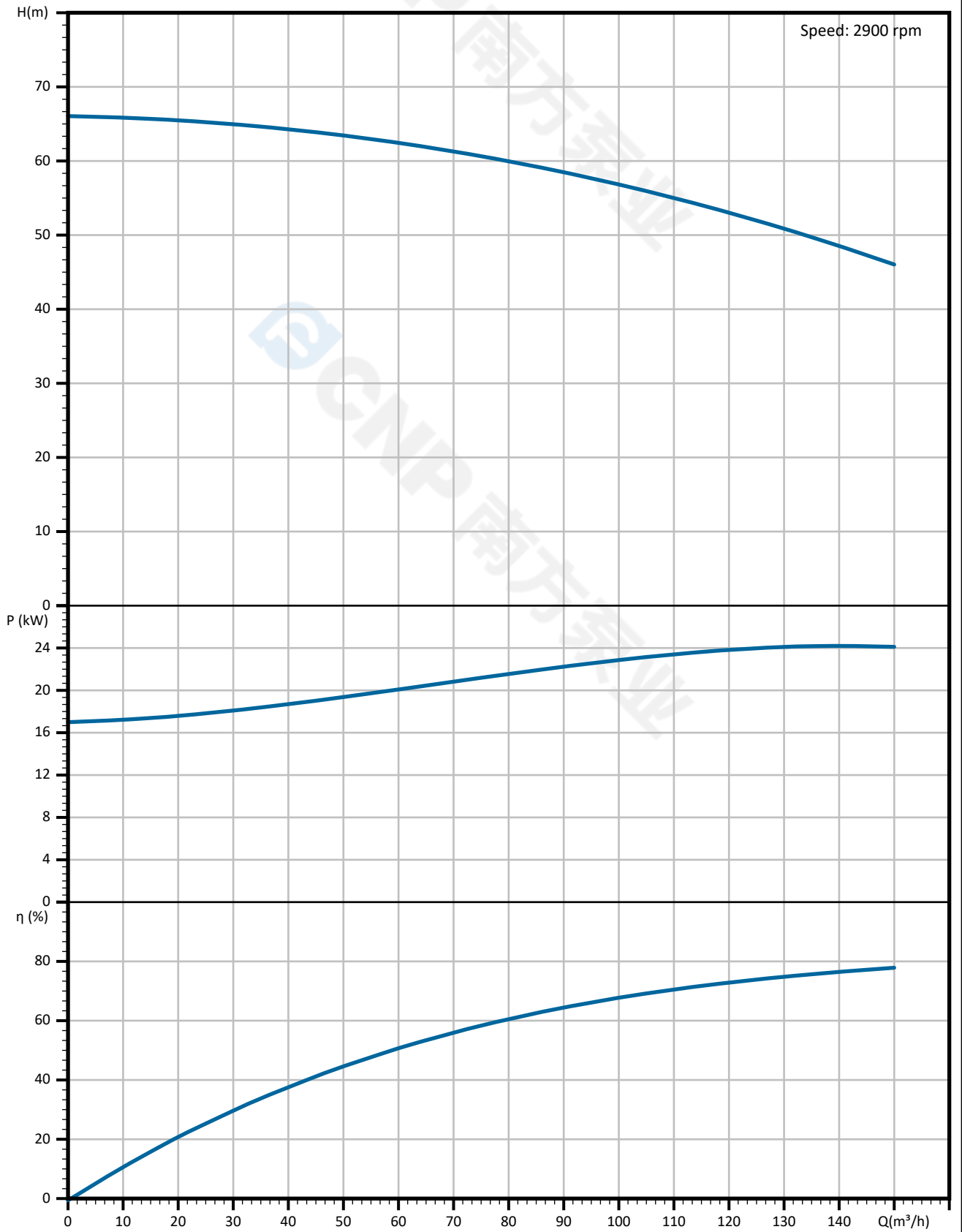
Number of Motor Phase	Three Phase
Protection Class	IP68
Insulation Class	F
Motor Power(kW)	30KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380

Others

Weight (kg)	187
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 CNP 南方泵业	Performance Curve SJ120-3-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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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 SJ120-3-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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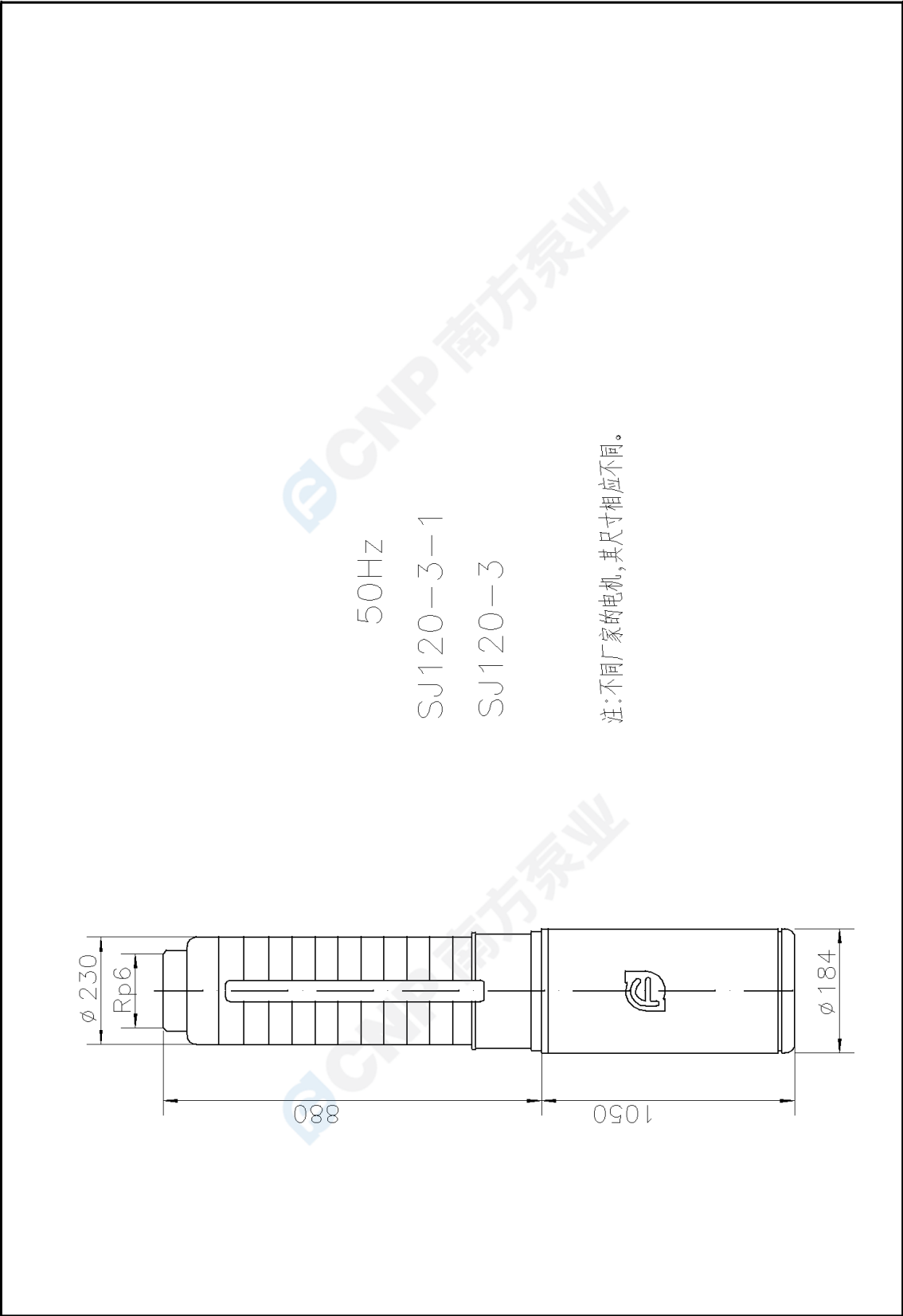
Rated parameters	
Pump model	SJ120-3-1
Part NO.	1100052658
Rated flow	120 m³/h
Rated head	53.5 m
Rated efficiency	73 (%)
Power (kW)	24 kW
Speed (rpm)	2900
Max impeller diameter (mm)	144
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

The image displays three performance graphs for the pump model SJ120-3-1, plotted against flow rate Q in m³/h on the x-axis (0 to 140).

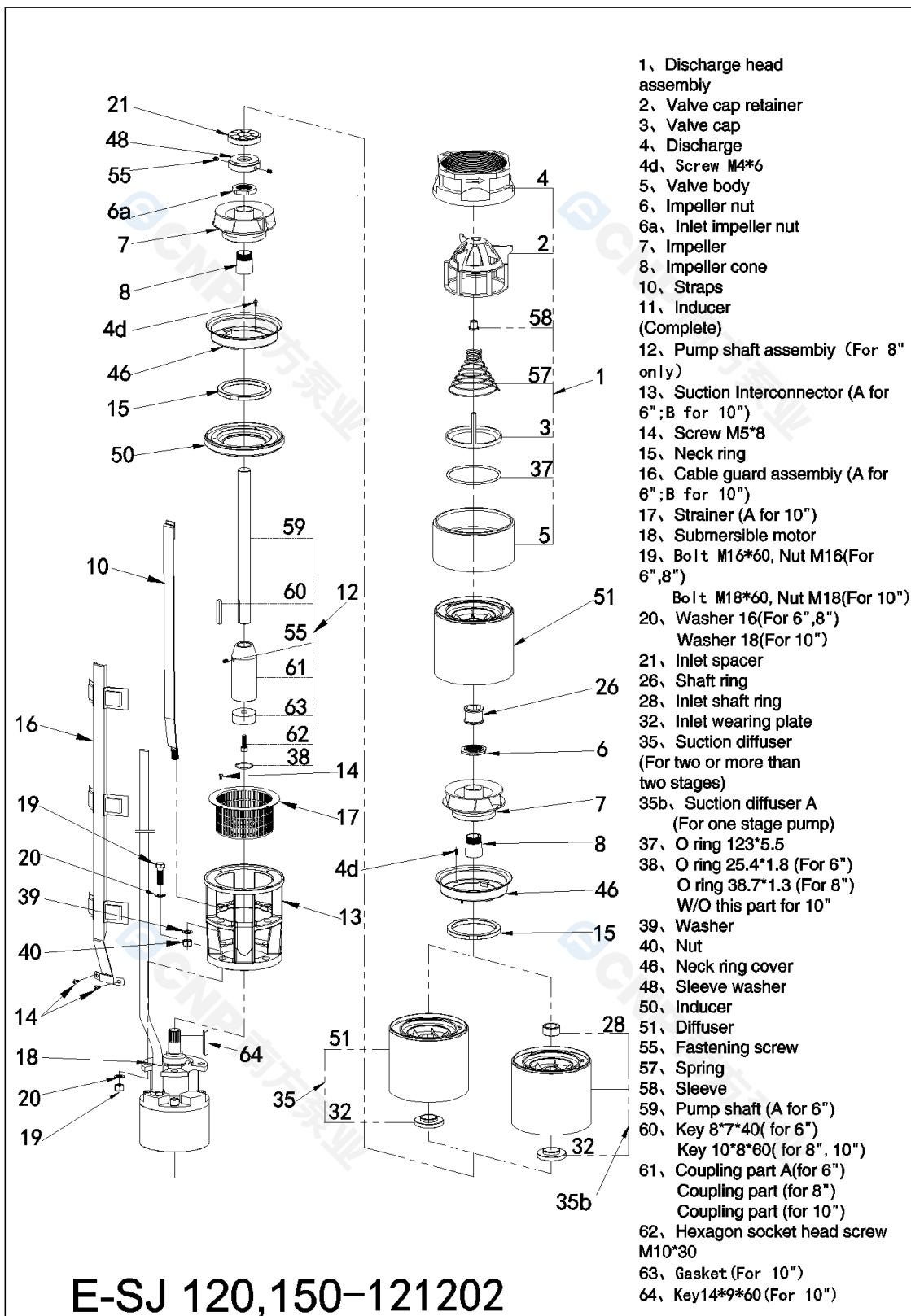
- Head H(m) vs Q(m³/h):** The head decreases from approximately 66 m at 0 m³/h to about 46 m at 140 m³/h.
- Power P(kW) vs Q(m³/h):** The power increases from approximately 16.5 kW at 0 m³/h to about 24 kW at 140 m³/h.
- Efficiency η(%) vs Q(m³/h):** The efficiency increases from 0% at 0 m³/h to about 78% at 140 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)
0	66	16.5	0
20	65	17.5	20
40	63	19.5	38
60	60	22.0	55
80	56	23.5	68
100	51	24.5	75
120	46	24.8	78
140	46	24.8	78

	Dimension Drawing SJ120-3-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Explosed view SJ120-3-1	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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		Date	2025/06/30
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
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 CNP 南方泵业	Physical picture SJ120-3-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data SJ120-3-1	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model SJ120-3-1
Part NO. 1100052658
Product price
Quantity 1
Total price

Inquiry notes