

 CNP 南方泵业	Product Information SJ12-16	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.	1100051308		
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	12 m ³ /h
Head	81 m
Efficiency	59 %
Speed	2850 rpm
Number of stages	16

Material

Impeller	304
Material Code	F

Installation

Operation Pressure	16bar
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
Exploled view	SJ12 exploded view

Motor

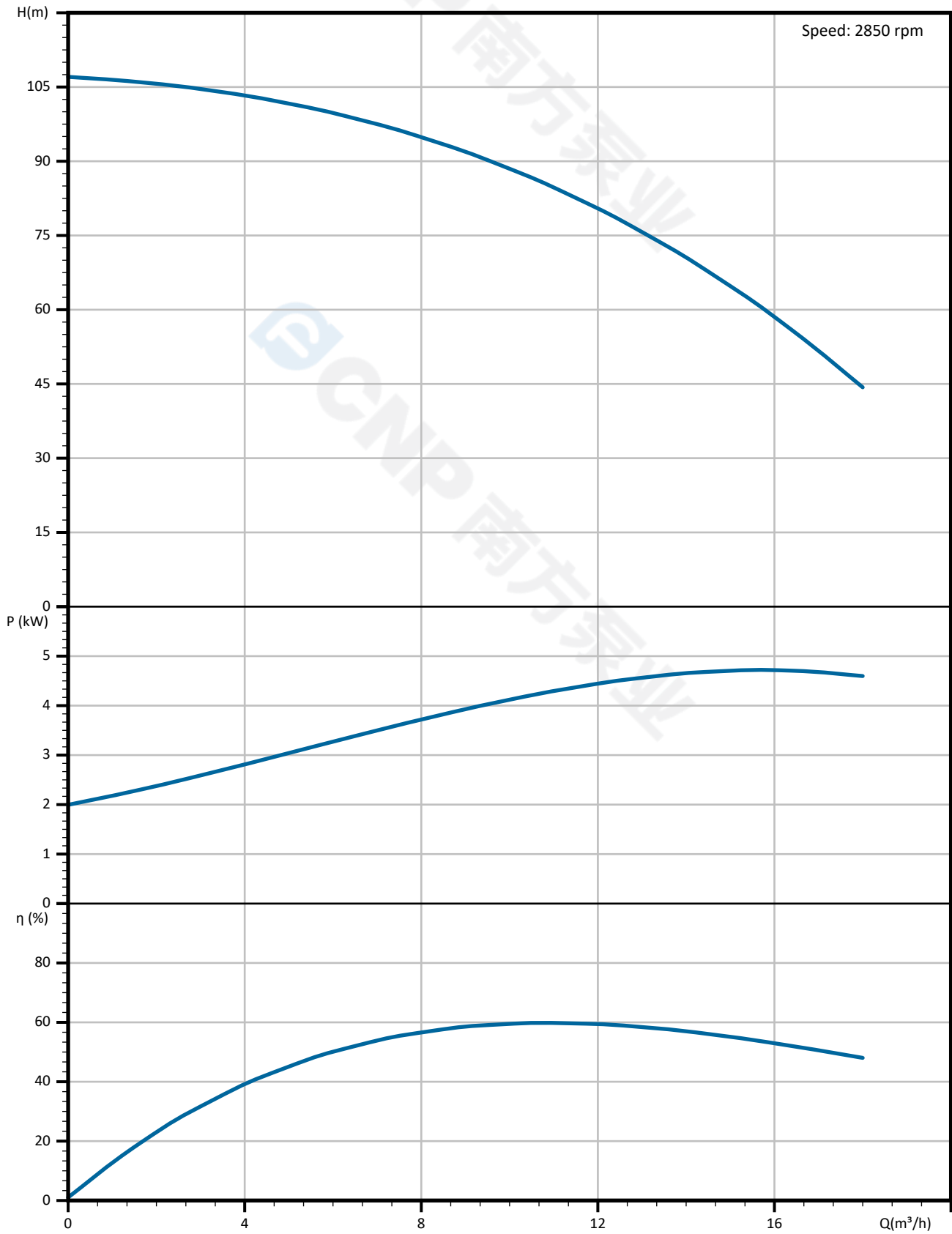
Number of Motor Phase	Three Phase
Protection Class	IP68
Insulation Class	F
Motor Power(kW)	5.5KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380

Others

Weight (kg)	39
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 CNP 南方泵业	Performance Curve SJ12-16	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



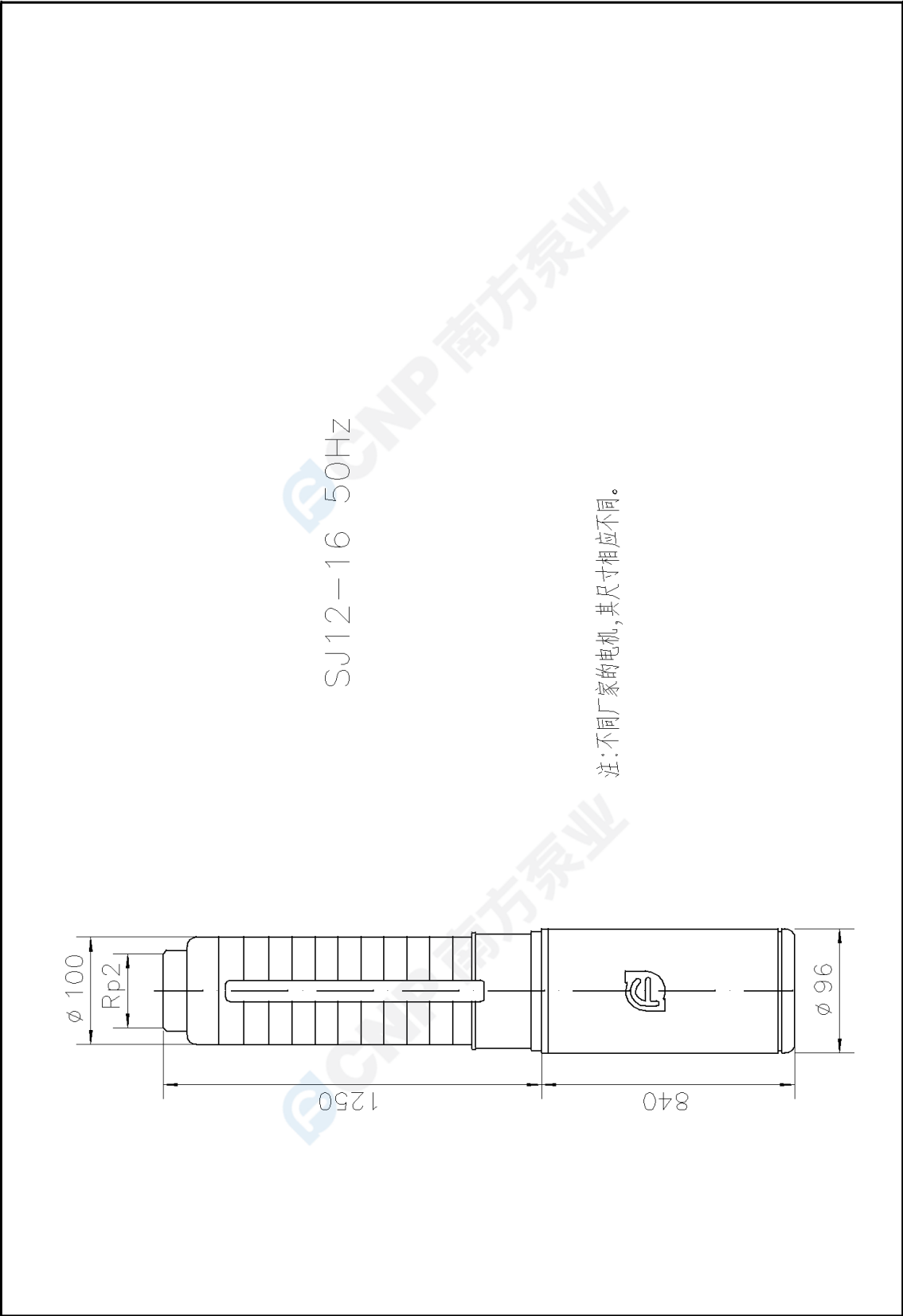
 CNP 南方泵业	Pump Technical Parameters SJ12-16	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	SJ12-16
Part NO.	1100051308
Rated flow	12 m³/h
Rated head	81 m
Rated efficiency	59 (%)
Power (kW)	4.49 kW
Speed (rpm)	2850
Max impeller diameter (mm)	80
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

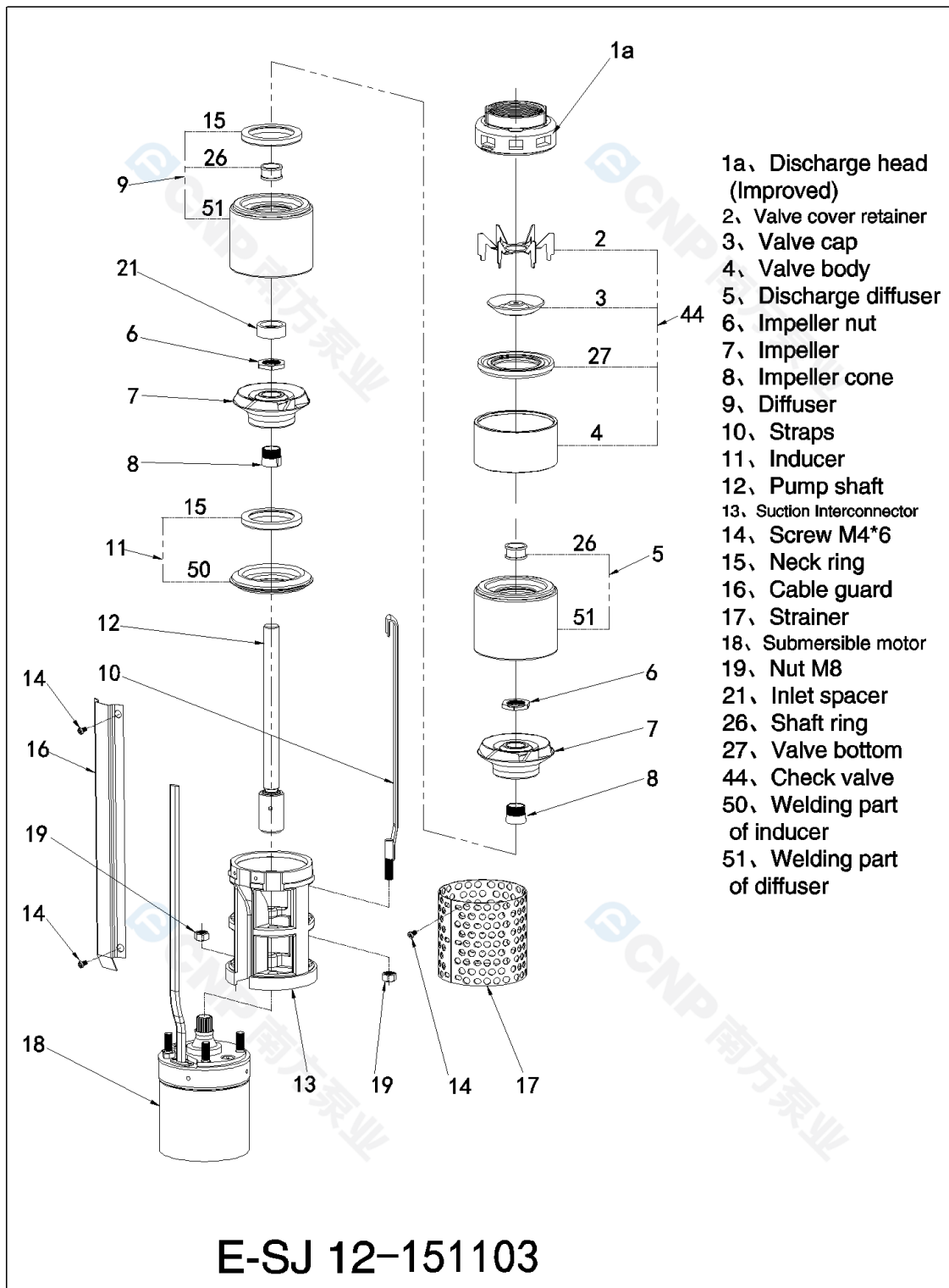
The graphs show the performance characteristics of the SJ12-16 pump. The top graph shows Head (H) in meters decreasing from approximately 105m at 0 m³/h to 45m at 15 m³/h. The middle graph shows Power (P) in kW increasing from 2.0 kW at 0 m³/h to a peak of about 5.0 kW at 12 m³/h. The bottom graph shows Efficiency (η) in percent increasing from 0% at 0 m³/h to a peak of about 60% at 12 m³/h.

Flow Rate Q (m³/h)	Head H (m)	Power P (kW)	Efficiency η (%)
0	105	2.0	0
4	100	2.8	40
8	90	3.8	55
12	75	4.5	60
15	45	4.8	50

	Dimension Drawing SJ12-16	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Explosed view SJ12-16	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Physical picture SJ12-16	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data SJ12-16	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model SJ12-16
Part NO. 1100051308
Product price
Quantity 1
Total price

Inquiry notes