

 CNP 南方泵业	Product Information CHLF4-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/02/04
		Client Name	abo energy parseh
Project Name		Client Addr.	iran, kish, hadish
Item NO		Contacts	siri
		Contact	+987644467770

Part NO.	1100048580
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Product Picture: (Note: Images may not be the same as the product)	Note
	Non-self-priming horizontal multistage centrifugal pump, impeller guide vane is made of stainless steel plate stamping and welding, with long shaft motor, axial inlet and radial outlet. Compact structure; Low noise; Suitable for mildly corrosive liquids; Small installation space.

Nameplate parameters

Flow	4 m ³ /h
Head	39 m
Efficiency	49 %
Speed	2900 rpm
Number of stages	5

Technology

Pump rotator speed	2900
Pump version	2

Material

Impeller	304
Rubber code	P
Material Code	S

Installation

Connection Code	L
Installation type	horizontal
Maximum Pressure/Temperature (high temperature)	10 bar
Maximum Pressure/Temperature (low temperature)	10 bar

Medium

Medium Temperature normal temperature	-15°C~+70°C
Medium Temperature high temperature	-15°C~+105°C
Maximum Environment Temperature	40°C

Structure dimension

Inlet Bore	G1 1/4
Outlet Diameter	G1
Rotation Direction	Clockwise

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	1.1KW
Power Frequency(Hz)	50
Rated Voltage (V)	380V
Energy Efficiency Level	IE3

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Seal

Mechanical Seal CHL-16/B1SF4

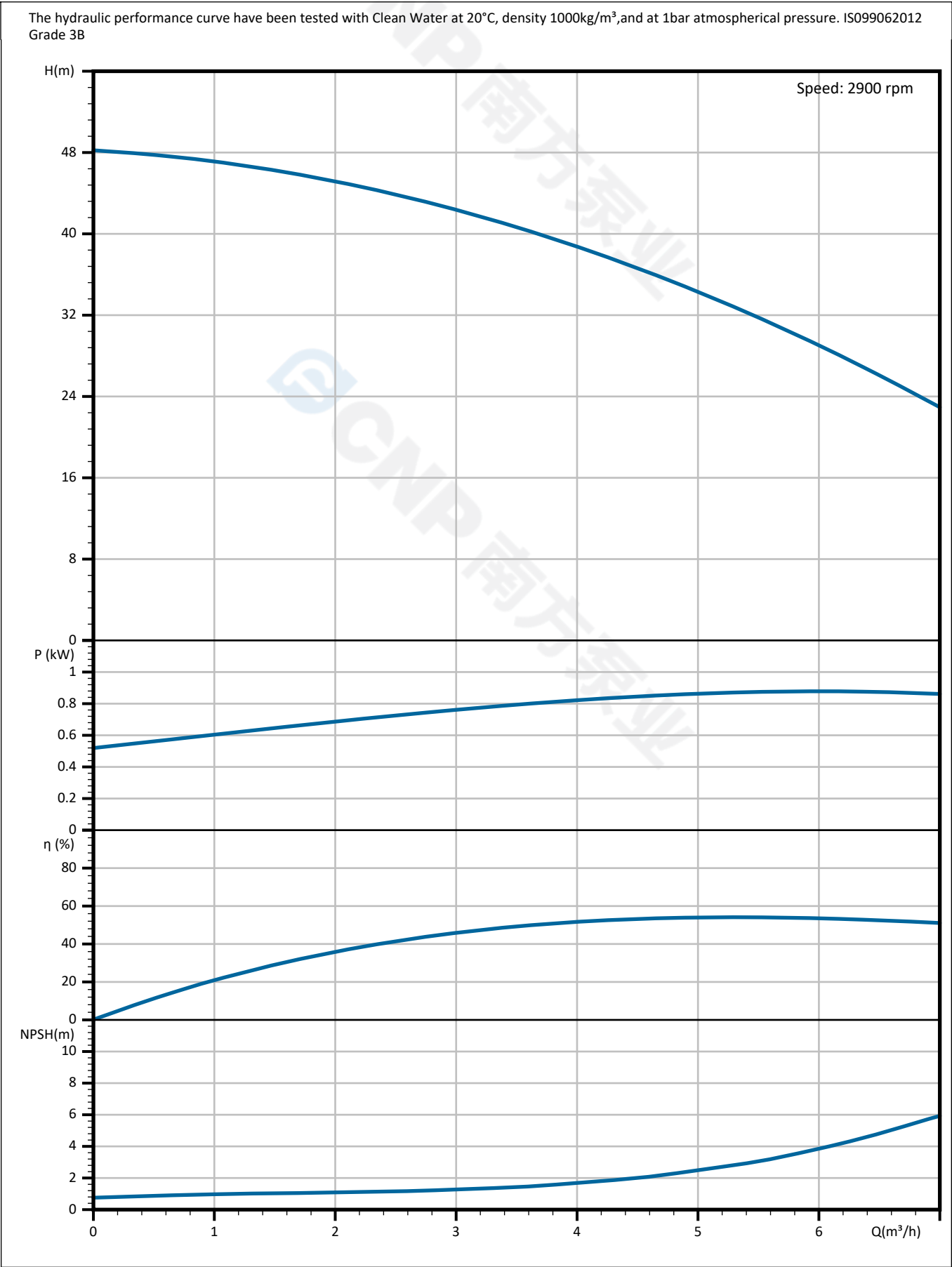
Others

Weight (kg) 16

Structure dimension

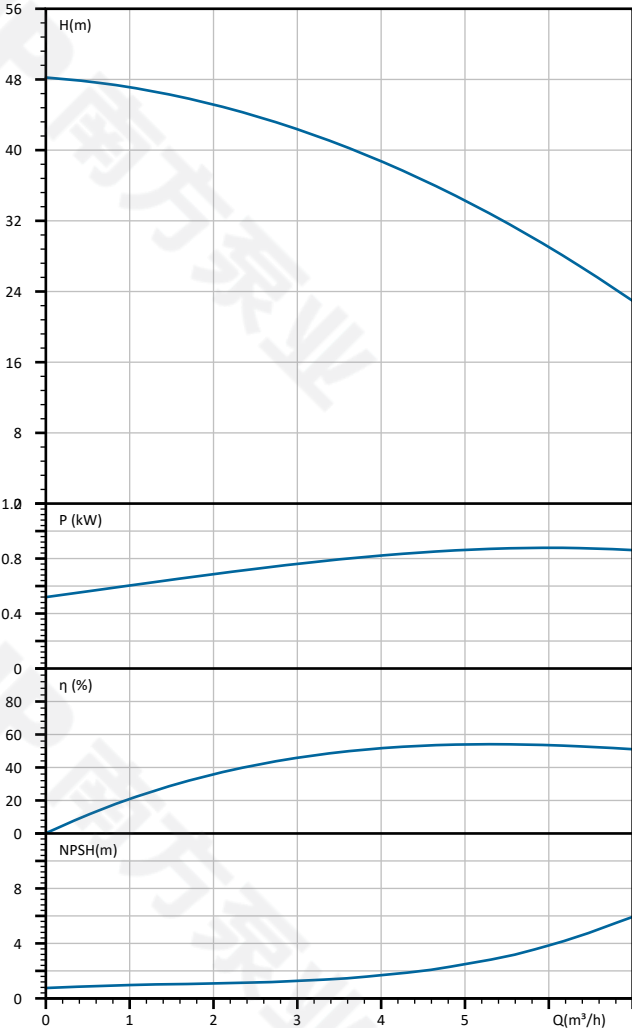
Expolded view CHLF2,4exploded view

	Performance Curve CHLF4-50	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Pump Technical Parameters CHLF4-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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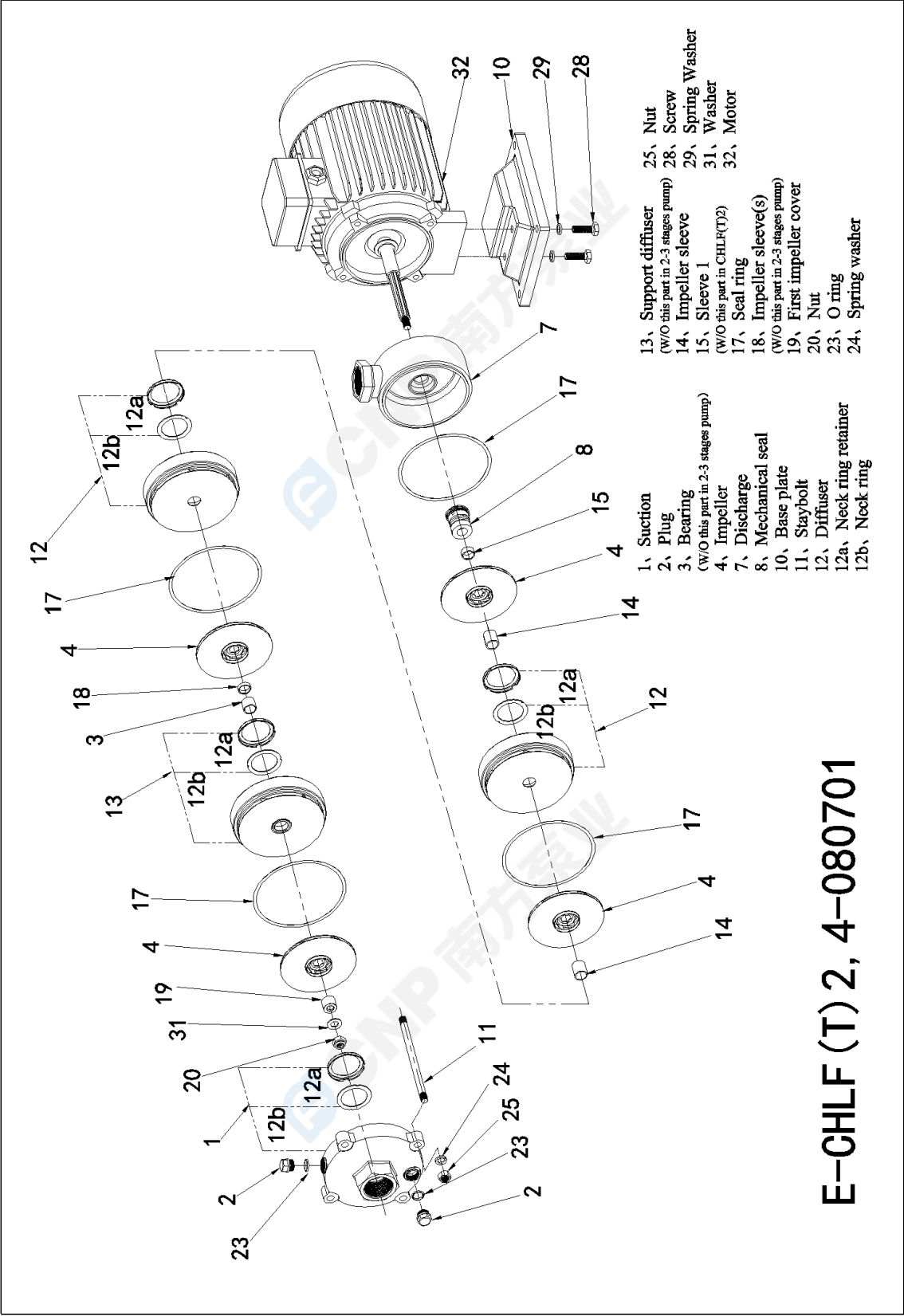
Rated parameters	
Pump model	CHLF4-50
Part NO.	1100048580
Rated flow	4 m³/h
Rated head	39 m
Rated efficiency	49 (%)
Power (kW)	0.87 kW
NPSHr (m)	2
Speed (rpm)	2900
Max impeller diameter (mm)	95
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



The figure displays four performance curves for the CHLF4-50 pump, plotted against flow rate Q in m³/h (0 to 6).

- Head (H) in meters:** The curve starts at approximately 48.5 m at 0 m³/h and decreases to about 23.5 m at 6 m³/h.
- Power (P) in kW:** The curve starts at approximately 0.55 kW at 0 m³/h and increases to about 0.85 kW at 6 m³/h.
- Efficiency (η) in %:** The curve starts at 0% at 0 m³/h, rises to a peak of approximately 55% at 4 m³/h, and then slightly decreases to about 52% at 6 m³/h.
- NPSH (m):** The curve starts at 0 m at 0 m³/h and increases to approximately 6.5 m at 6 m³/h.

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 CNP 南方泵业	Physical picture CHLF4-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data CHLF4-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CHLF4-50
Part NO. 1100048580
Product price
Quantity 1
Total price

Inquiry notes