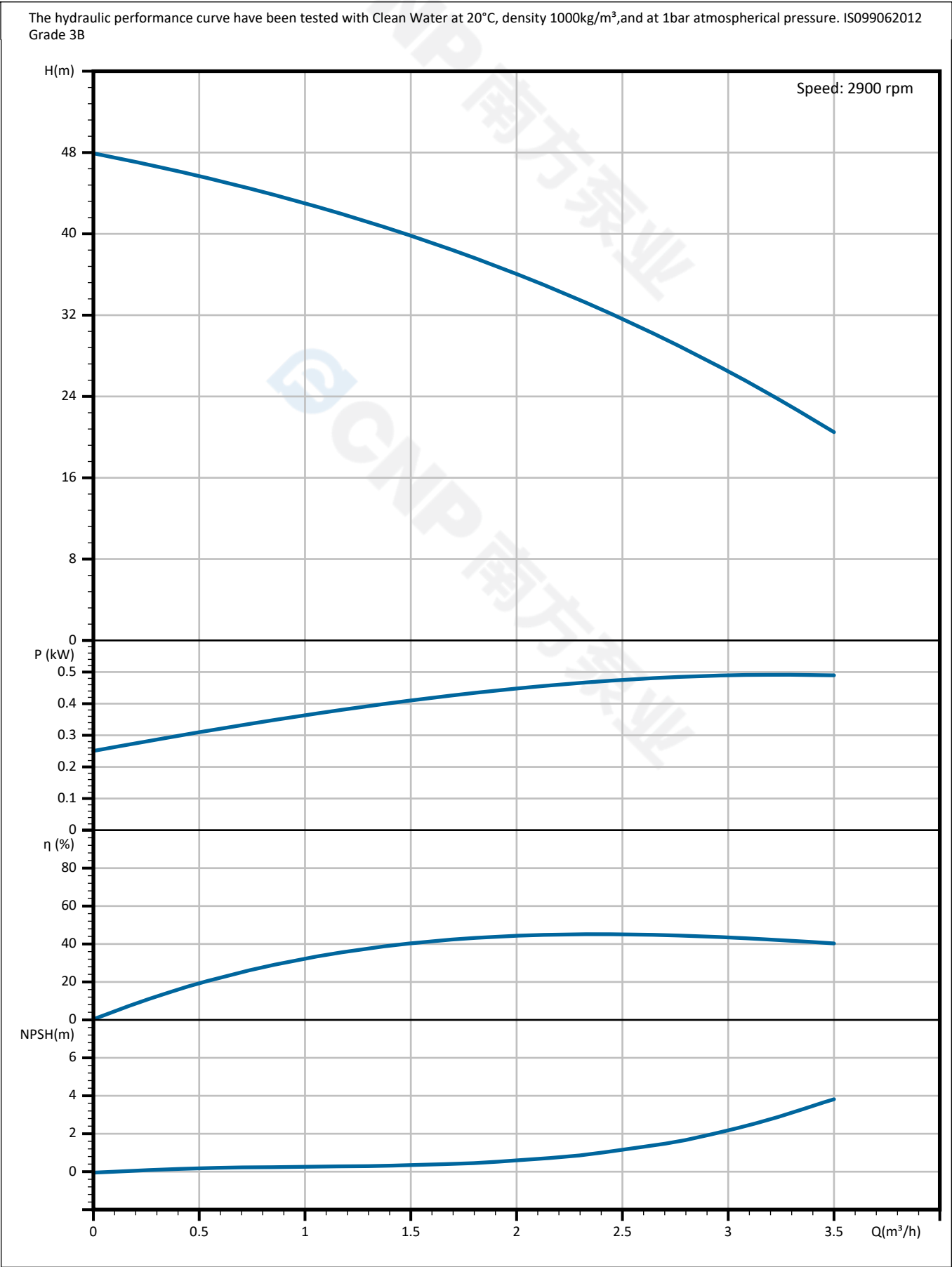


 CNP 南方泵业	Product Information CHLF2-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/02/04
		Client Name	abo energy parseh
Project Name		Client Addr.	iran, kish, hadish
Item NO		Contacts	siri
		Contact	+987644467770

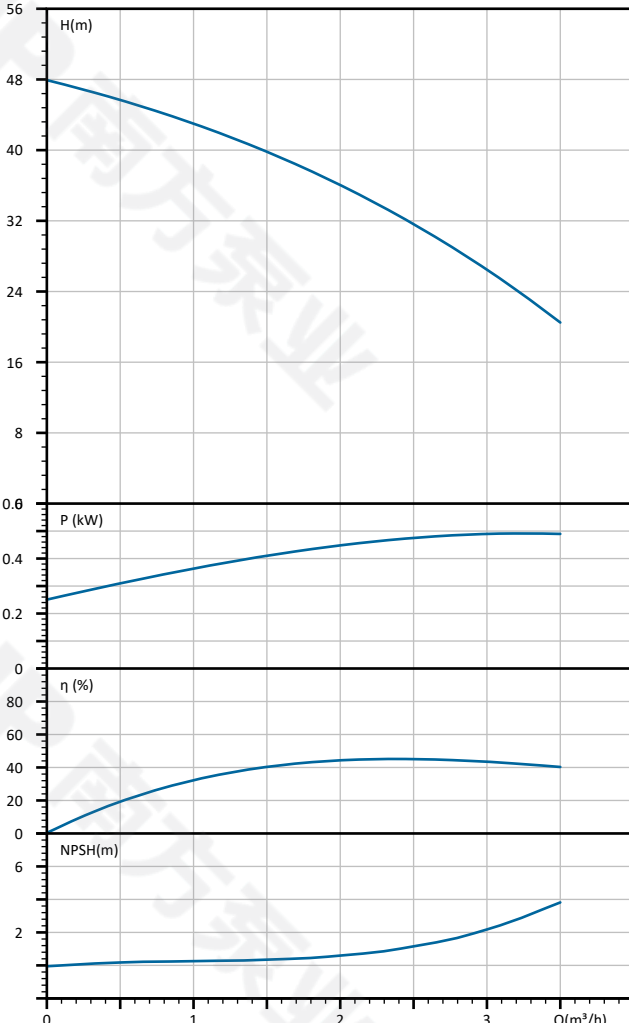
Part NO.	1100137933
Product Picture: (Note: Images may not be the same as the product)	Note
	Non-self-priming horizontal multistage centrifugal pump, impeller guide vane is made of stainless steel plate stamping and welding, with long shaft motor, axial inlet and radial outlet. Compact structure; Low noise; Suitable for mildly corrosive liquids; Small installation space.
Nameplate parameters	
Flow	2 m ³ /h
Head	36 m
Efficiency	41 %
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
Outlet Diameter	G1
Rotation Direction	Clockwise
Motor	
Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	0.55KW
Power Frequency(Hz)	50
Rated Voltage (V)	380V
Energy Efficiency Level	IE3

	Performance Curve CHLF2-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Project Name		Client Name	abo energy parseh
Item NO		Client Addr.	iran, kish, hadish
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 CNP 南方泵业	Pump Technical Parameters CHLF2-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Project Name		Client Name	abo energy parseh
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Item NO		Contacts	siri
		Contact	+987644467770

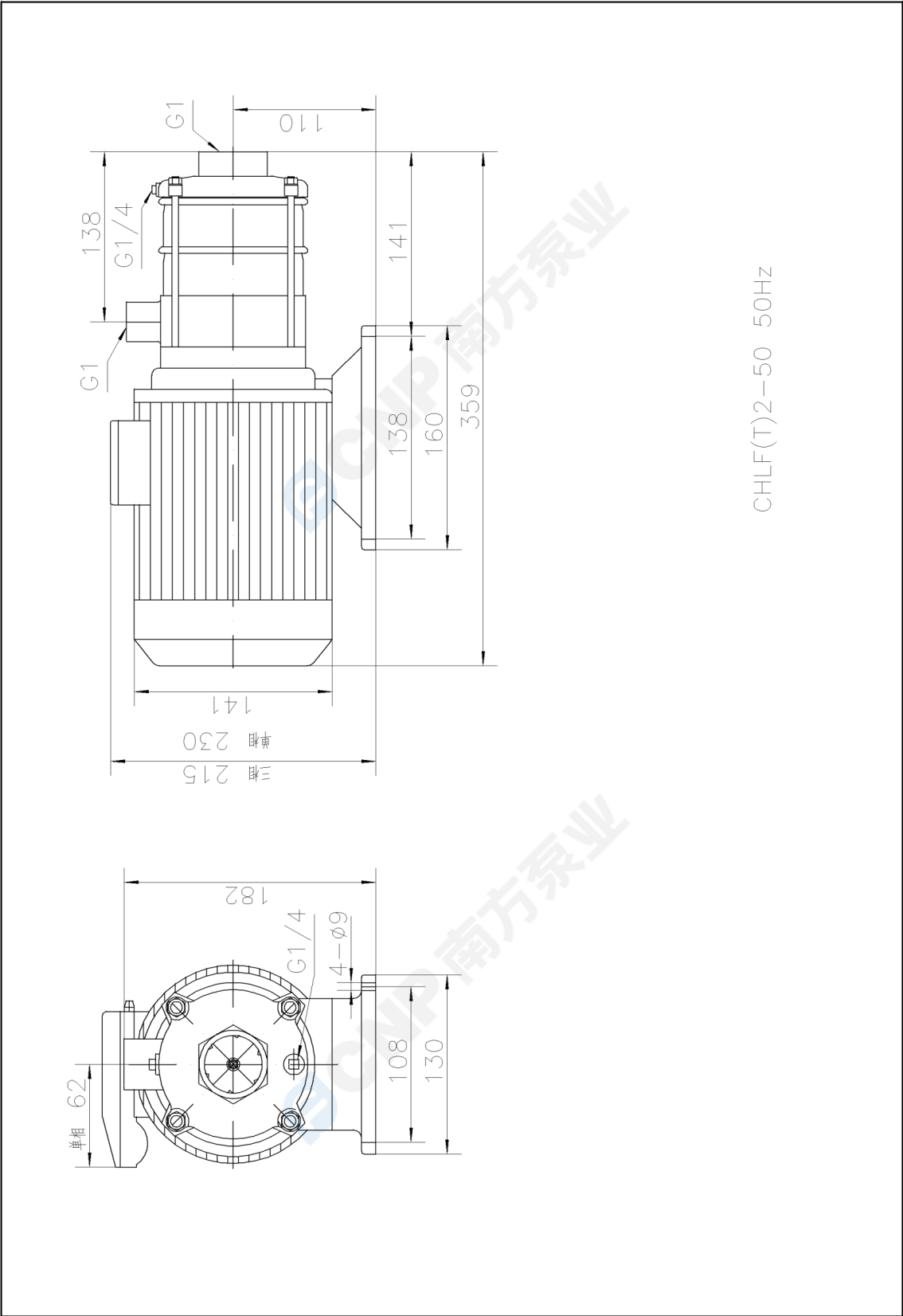
Rated parameters	
Pump model	CHLF2-50
Part NO.	1100137933
Rated flow	2 m³/h
Rated head	36 m
Rated efficiency	41 (%)
Power (kW)	0.48 kW
NPSHr (m)	2
Speed (rpm)	2900
Max impeller diameter (mm)	90
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



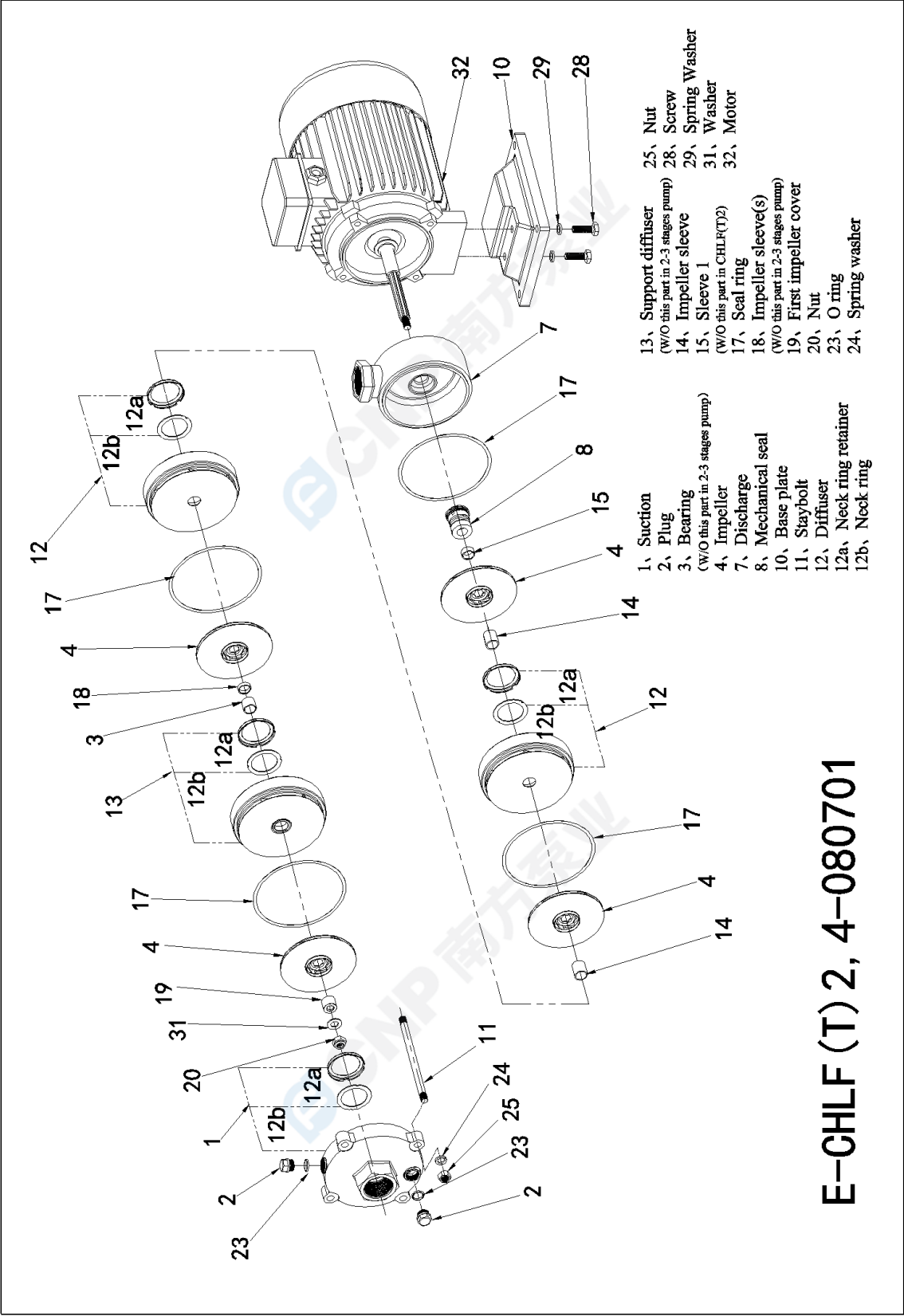
The figure displays four performance graphs for the CHLF2-50 pump, plotted against flow rate Q in m^3/h on the x-axis (ranging from 0 to 3.5).

- Head H (m):** The head decreases as flow increases, starting at 48 m at 0 m^3/h and reaching approximately 20 m at 3.5 m^3/h .
- Power P (kW):** The power increases with flow, starting at approximately 0.25 kW at 0 m^3/h and reaching approximately 0.5 kW at 3.5 m^3/h .
- Efficiency η (%):** The efficiency increases with flow, starting at 0% at 0 m^3/h , peaking at approximately 45% around 2.5 m^3/h , and then slightly decreasing to approximately 41% at 3.5 m^3/h .
- NPSH (m):** The required net positive head increases with flow, starting at approximately 0.5 m at 0 m^3/h and reaching approximately 4 m at 3.5 m^3/h .

 CNP 南方泵业	Dimension Drawing CHLF2-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Project Name		Client Name	abo energy parseh
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	Explosed view CHLF2-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
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Item NO		Client Addr.	iran, kish, hadish
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 CNP 南方泵业	Physical picture CHLF2-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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		Date	2025/02/04
		Client Name	abo energy parseh
Project Name		Client Addr.	iran, kish, hadish
Item NO		Contacts	siri
		Contact	+987644467770



 CNP 南方泵业	Order Data CHLF2-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/02/04
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Project Name		Client Addr.	iran, kish, hadish
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Pump model CHLF2-50
Part NO. 1100137933
Product price
Quantity 1
Total price

Inquiry notes