

 CNP 南方泵业	Product Information CHLF20-20	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.	1100049175
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	20 m ³ /h
Head	22 m
Efficiency	64 %
Speed	2900 rpm
Number of stages	2
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	G2
Outlet Diameter	G2
Rotation Direction	Clockwise
Motor	
Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	2.2KW
Power Frequency(Hz)	50
Rated Voltage (V)	380V
Energy Efficiency Level	IE3

 CNP 南方泵业	Product Information CHLF20-20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/02/04
Project Name		Client Name	abo energy parseh
		Client Addr.	iran, kish, hadish
Item NO		Contacts	siri
		Contact	+987644467770

Seal

Mechanical Seal CHL-20/B1SF4

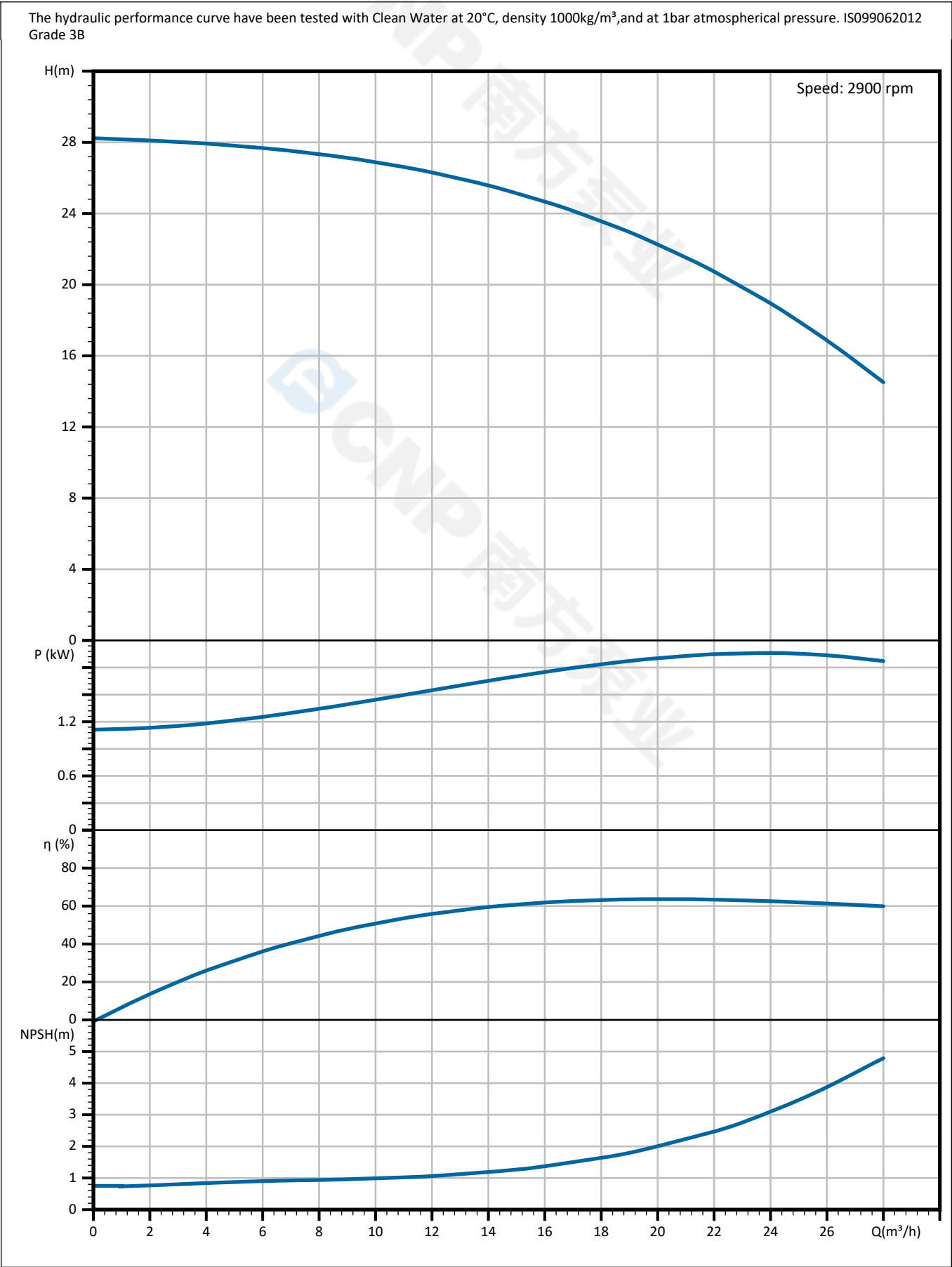
Others

Weight (kg) 27

Structure dimension

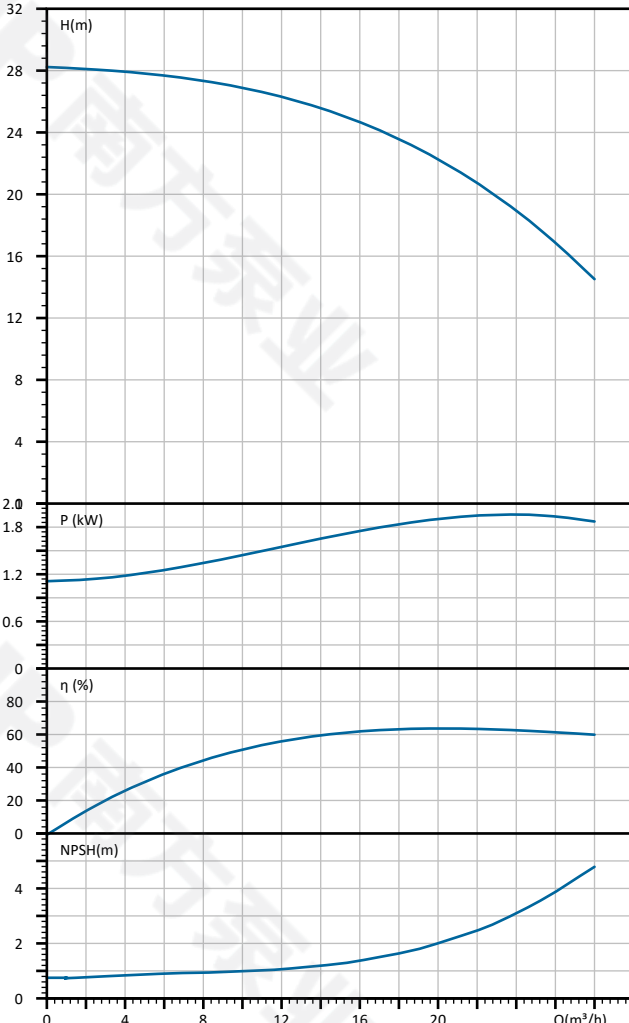
Expolded view CHLF8,12,15,20exploded view

	Performance Curve CHLF20-20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/02/04
Project Name		Client Name	abo energy parseh
Item NO		Client Addr.	iran, kish, hadish
		Contacts	siri
		Contact	+987644467770



 CNP 南方泵业	Pump Technical Parameters CHLF20-20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/02/04
Project Name		Client Name	abo energy parseh
		Client Addr.	iran, kish, hadish
Item NO		Contacts	siri
		Contact	+987644467770

Rated parameters	
Pump model	CHLF20-20
Part NO.	1100049175
Rated flow	20 m³/h
Rated head	22 m
Rated efficiency	64 (%)
Power (kW)	1.87 kW
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	106
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



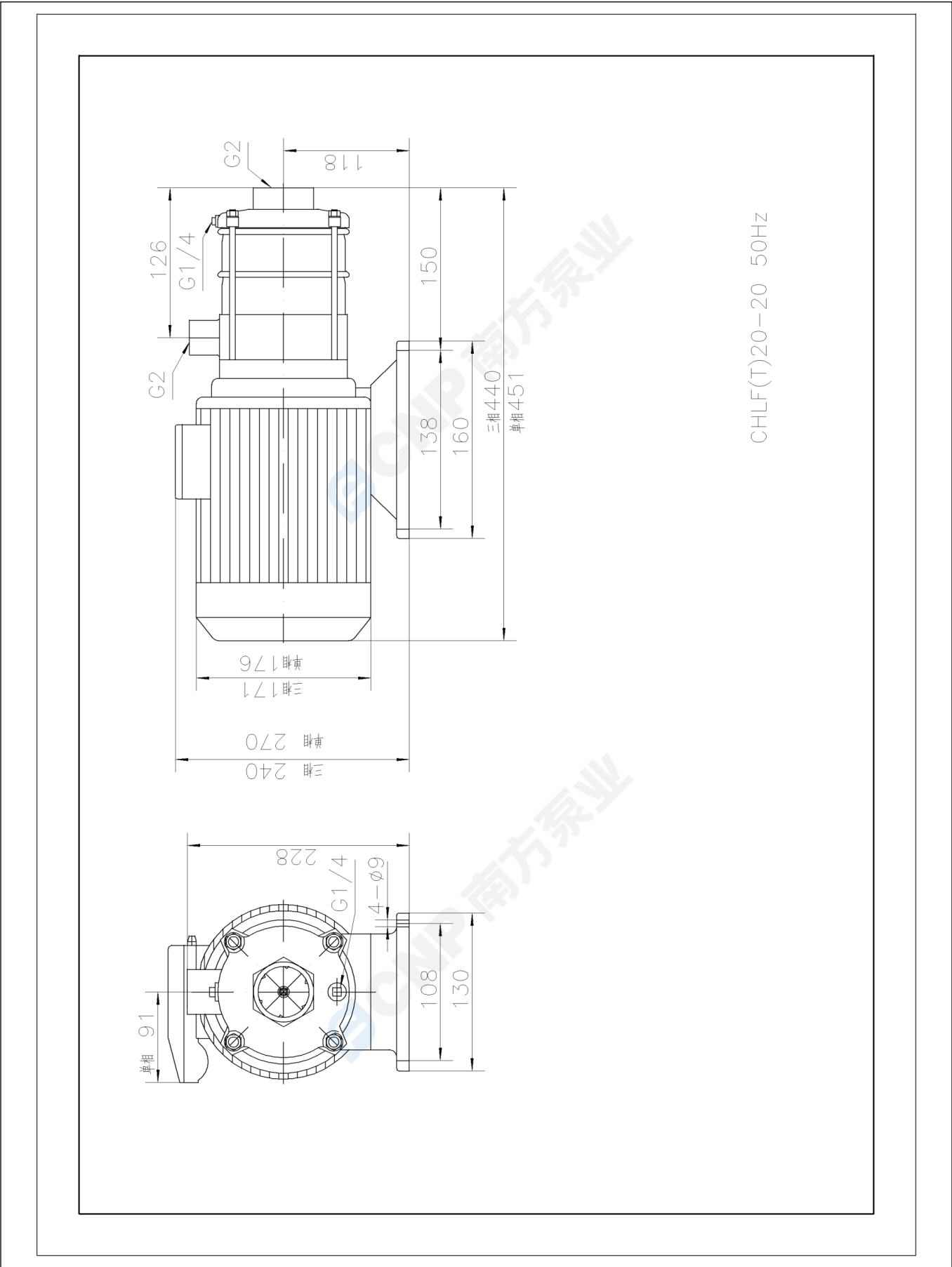
Q (m³/h)	H (m)
0	28
4	27.5
8	26.5
12	25
16	23
20	20
24	14

Q (m³/h)	P (kW)
0	1.1
4	1.15
8	1.3
12	1.5
16	1.75
20	1.9
24	1.85

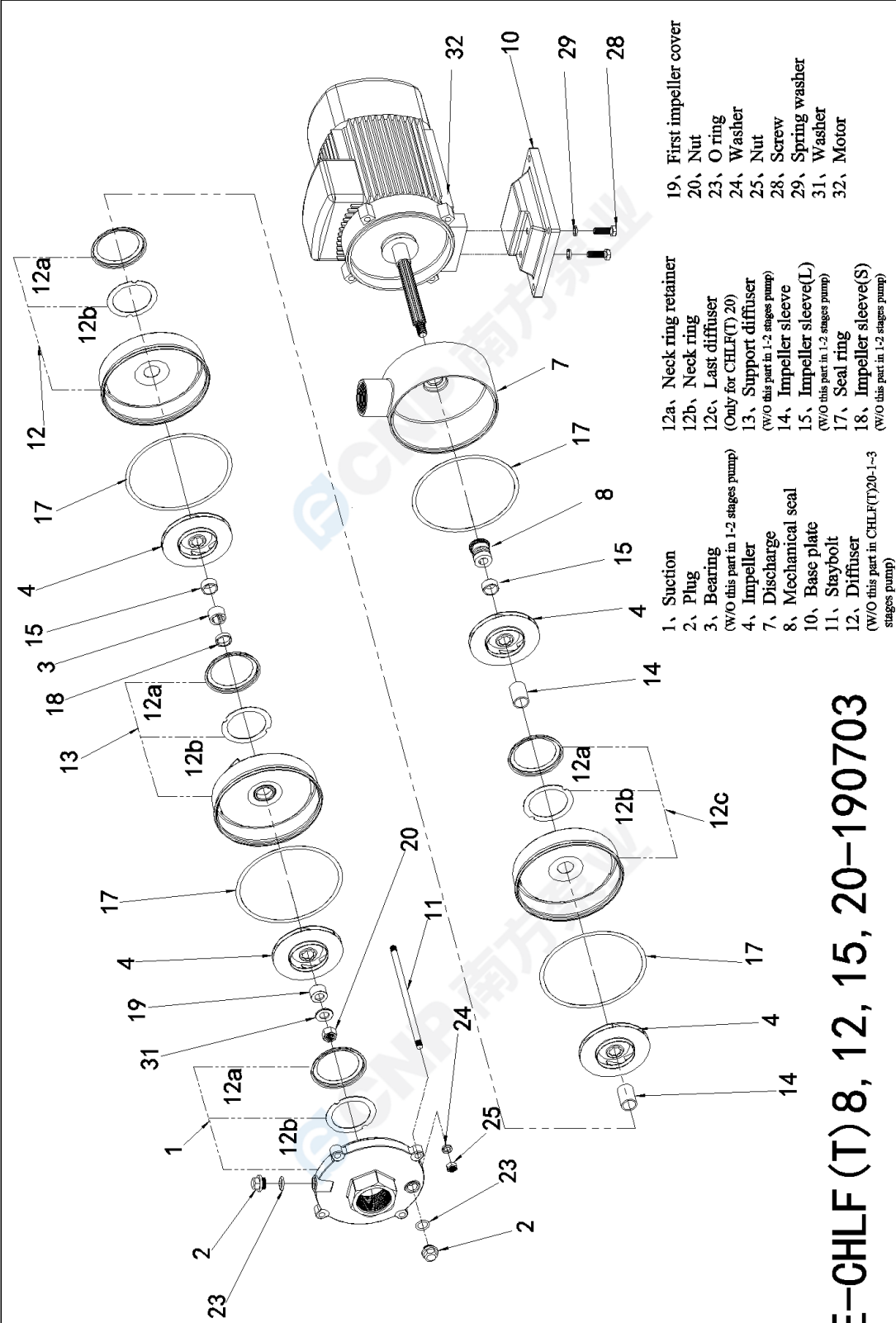
Q (m³/h)	η (%)
0	0
4	25
8	45
12	55
16	62
20	65
24	62

Q (m³/h)	NPSH (m)
0	0.8
4	0.85
8	0.9
12	1.0
16	1.5
20	2.5
24	5.5

	Dimension Drawing CHLF20-20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/02/04
Project Name		Client Name	abo energy parseh
Item NO		Client Addr.	iran, kish, hadish
		Contacts	siri
		Contact	+987644467770



	Explosed view CHLF20-20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/02/04
Project Name		Client Name	abo energy parseh
Item NO		Client Addr.	iran, kish, hadish
		Contacts	siri
		Contact	+987644467770



	Physical picture CHLF20-20	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



 CNP 南方泵业	Order Data CHLF20-20	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

Pump model CHLF20-20
Part NO. 1100049175
Product price
Quantity 1
Total price

Inquiry notes