CNP 南方泵业	Product Information NFXCN-CHM20-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/13
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Golsad
		Contact	

Part NO.	1100356858
Product Picture: (Note: Images may not be the same as the product)	Note
	NFXCN-CHM series is a non-self-priming light horizontal multistage centrifugal pump, equipped with an extended shaft motor, compact structure, axial inlet and radial outlet

Nameplate parameters

Flow	20 m³/h
Head	58 m
Eta	72 %
Speed	2900 rpm
Number of stages	5

Technology

Pump rotator speed	2900

Material

Impeller	304
Rubber code	F
Material Code	S

Installation

Connection Code	K
Installation type	horizontal
Maximum Operation Pressure	10bar

Medium

Medium Temperature	-35°C-70°C
Ambient temperature	-35°C-40°C

Inlet & outlet size types	Quick release chuck
Inlet & Outlet Diameter	Ø64
Rotation Direction	Clockwise
Expolded view	NFXCN-CHM15,20-240530 exploded view

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	5.5KW
Energy Efficiency Level	IE3

Seal

Mechanical Seal	CHM-19/S1S2F5/304

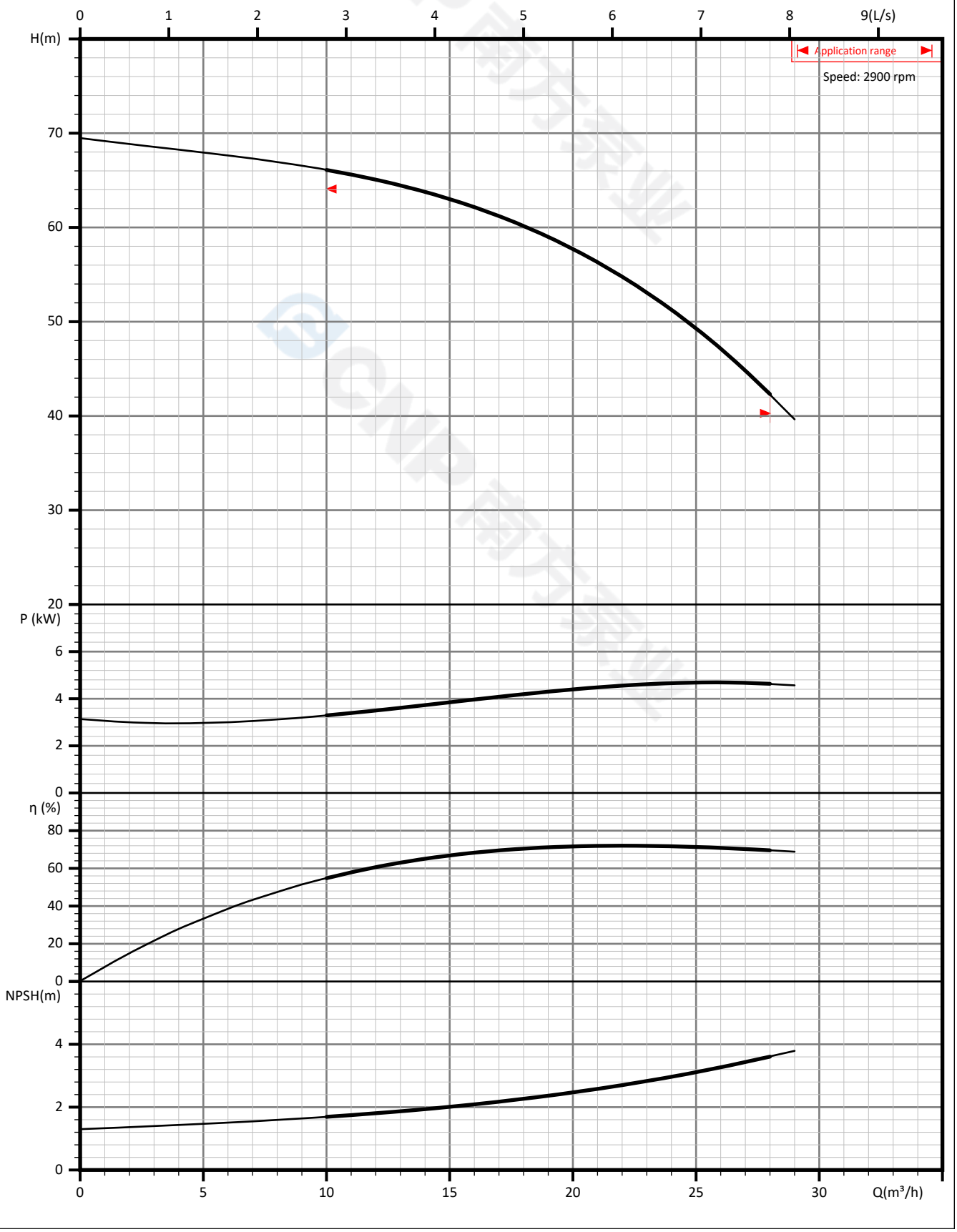
Others

Weight (kg)	58

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Performance Curve NFXCN-CHM20-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/13
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Golsad
		Contact	

The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar at mospherical pressure.
IS099062012 Grade 3B

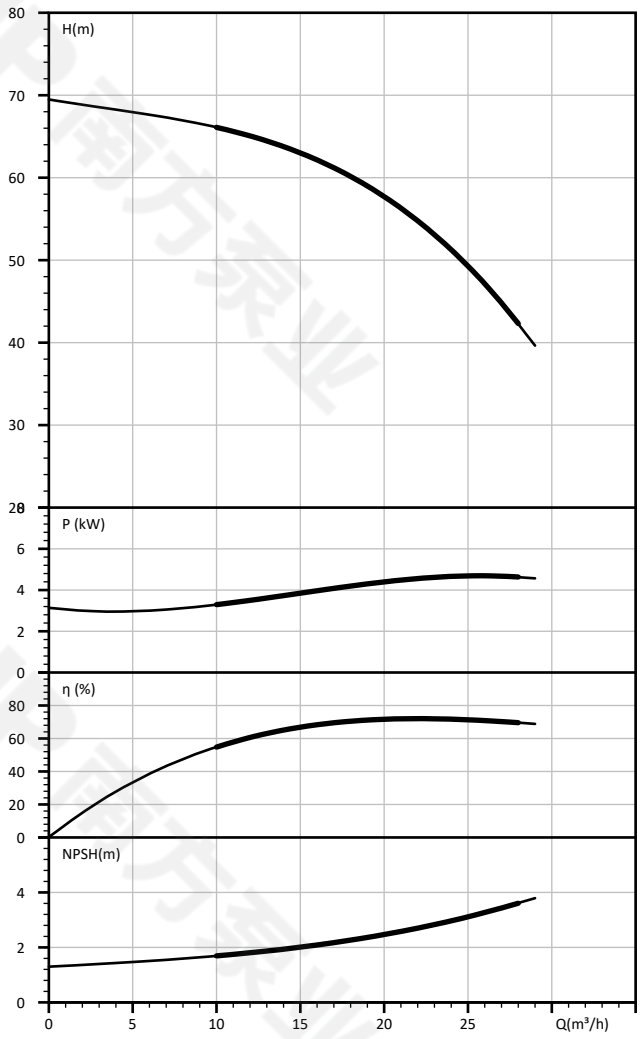


The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Pump Technical Parameters NFXCN-CHM20-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/13
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Golsad
		Contact	

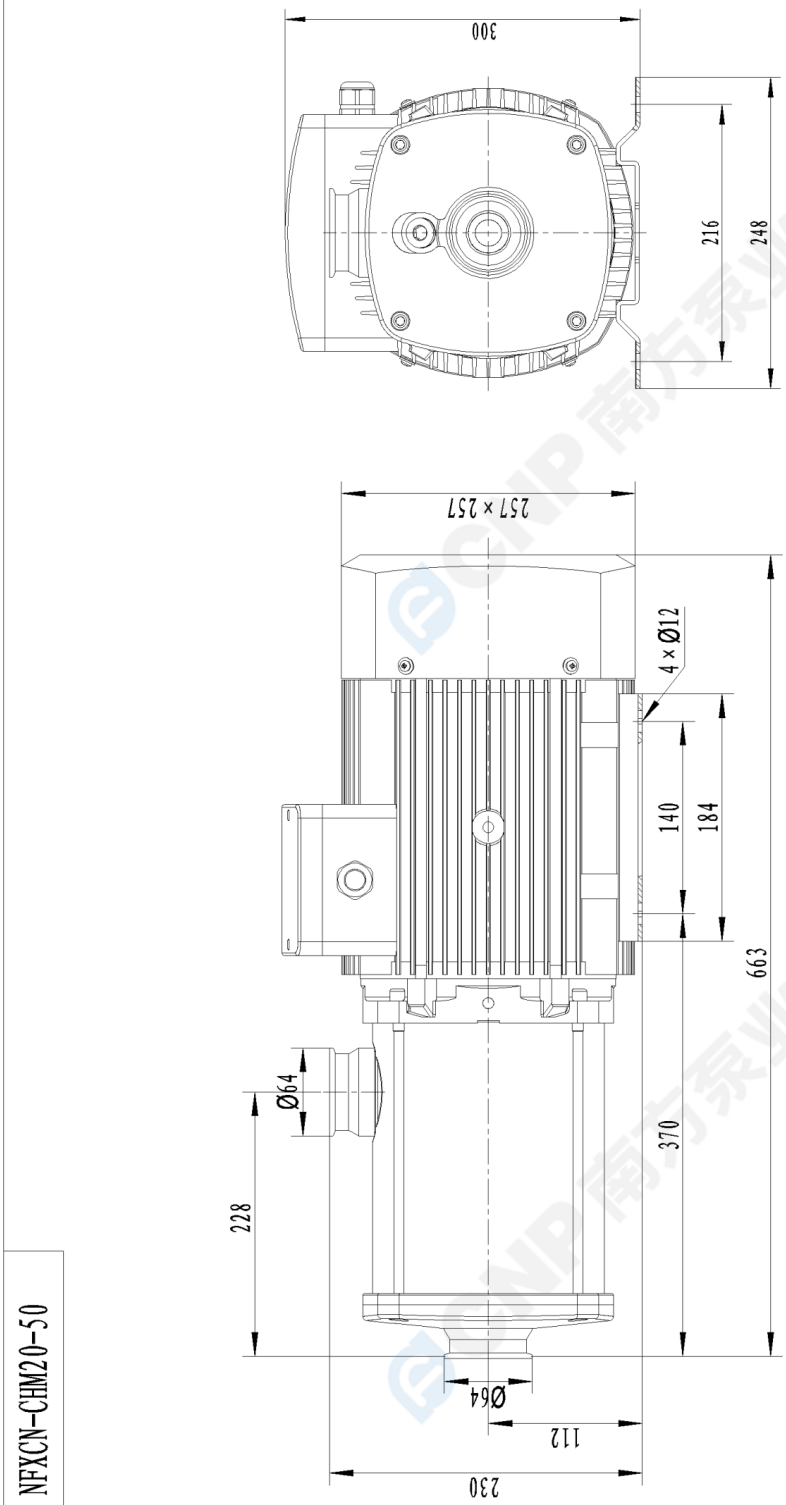
Rated parameters	
Pump model	NFXCN-CHM20-50
Part NO.	1100356858
Rated flow	20 m³/h
Rated head	58 m
Rated Eta	72 %
Rated Power	4.39 kW
NPSHr	2.5 m
Speed	2900 rpm
Max impeller diameter	105.5 mm

Medium	
Pumped medium	water
Working temperature	20 °C
Medium density	1000 kg/m³
Viscosity	1 mm²/s



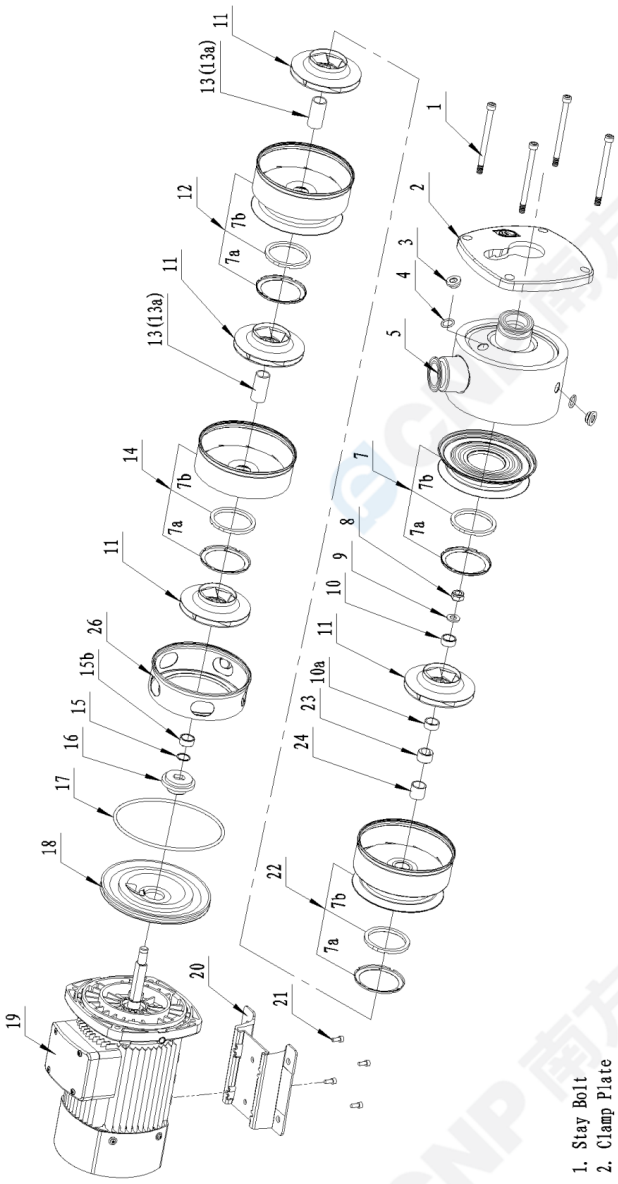
The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	**Dimension Drawing** **NFXCN-CHM20-50**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/13
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Golsad
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Expolded view NFXCN-CHM20-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/13
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Golsad
		Contact	



1. Stay Bolt
2. Clamp Plate
3. Plug
4. O-ring 15×2.5
5. Inlet & Outlet Chamber
7. Inducer
7a. Neck Ring Cover
7b. Nech Ring
8. Nut M12
9. Washer 12
10. Outlet Impeller Sleeve 9.3×17.4
10a. Outlet Impeller Sleeve 9.3×17.4 (only for NFXCN-CHM15-50, 15-60, 20-50, 20-60)
11. Impeller
12. Diffuser (not for NFXCN-CHM15-10, 15-20, 20-10, 20-20)
13. Impeller Sleeve 43.5×17.4 (not for NFXCN-CHM15-10 & NFXCN-CHM20-10)
13a. Empty Sleeve 45×17.5 (only for NFXCN-CHM15-10 & NFXCN-CHM20-10)
14. End-level Diffuser
15. Adjusting Washer
15b. Long Support Sleeve 10.12×17.4
16. Mechanical Seal
17. O-ring 157×4.5
18. Sealing Seat
19. Motor
20. Base Plate (not for NFXCN-CHM20-50, 20-60)
21. Screw (not for NFXCN-CHM20-50, 20-60)
22. Support Diffuser (only for NFXCN-CHM15-50, 15-60, 20-50, 20-60)
23. Shaft Sleeve (only for NFXCN-CHM15-50, 15-60, 20-50, 20-60)
24. Support Sleeve 20×17.4 (only for NFXCN-CHM15-50, 15-60, 20-50, 20-60)
26. Discharge

E-NFXCN-CHM15,20-240530

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Physical picture NFXCN-CHM20-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/13
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Golsad
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Order Data NFXCN-CHM20-50	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/13
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Golsad
		Contact	

Pump model	NFXCN-CHM20-50
Part NO.	1100356858
Product price	
Quantity	1
Total price	

Inquiry notes