

	Product Information CDMF3-14+CMH3-31	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/02/04
		Client Name	dieselpumpasia
Project Name		Client Addr.	
Item NO		Contacts	dpa
		Contact	

Part NO.	1100109116
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Product Picture: (Note: Images may not be the same as the product)	Note
	<p>CDMF+CMH series is a new generation of high-efficiency non-self-priming high-pressure pump independently developed with reference to European standards. The product adopts a new industrial design, and the energy efficiency index reaches MEI ≥ 0.7, which has the characteristics of energy saving, low noise, environmental protection and compact structure, beautiful appearance, light weight, convenient use and maintenance, and high reliability.</p>

Nameplate parameters

Flow	3 m ³ /h
Head	267.2 m
Efficiency	58 %
Speed	2900 rpm
Number of stages	14

Technology

Pump rotator speed	2900
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Material

Impeller	304
Rubber code	P
Material Code	S

Installation

Connection Code	K
Installation type	card cover
Maximum Operation Pressure	50bar

Medium

Medium Temperature normal temperature	-15°C+70°C
Medium Temperature high temperature	-15°C+120°C
Maximum Environment Temperature	40°C

Structure dimension

Inlet & outlet size types	DN
Inlet & Outlet Diameter	DN32
Rotation Direction	CDMF rotates anti-clockwise viewing from motor side and CMH rotates clockwise.

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	1.5+3KW
Energy Efficiency Level	IE3

Seal

Mechanical Seal	CDLA-12/WB1F14
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 CNP 南方泵业	Product Information CDMF3-14+CMH3-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Others

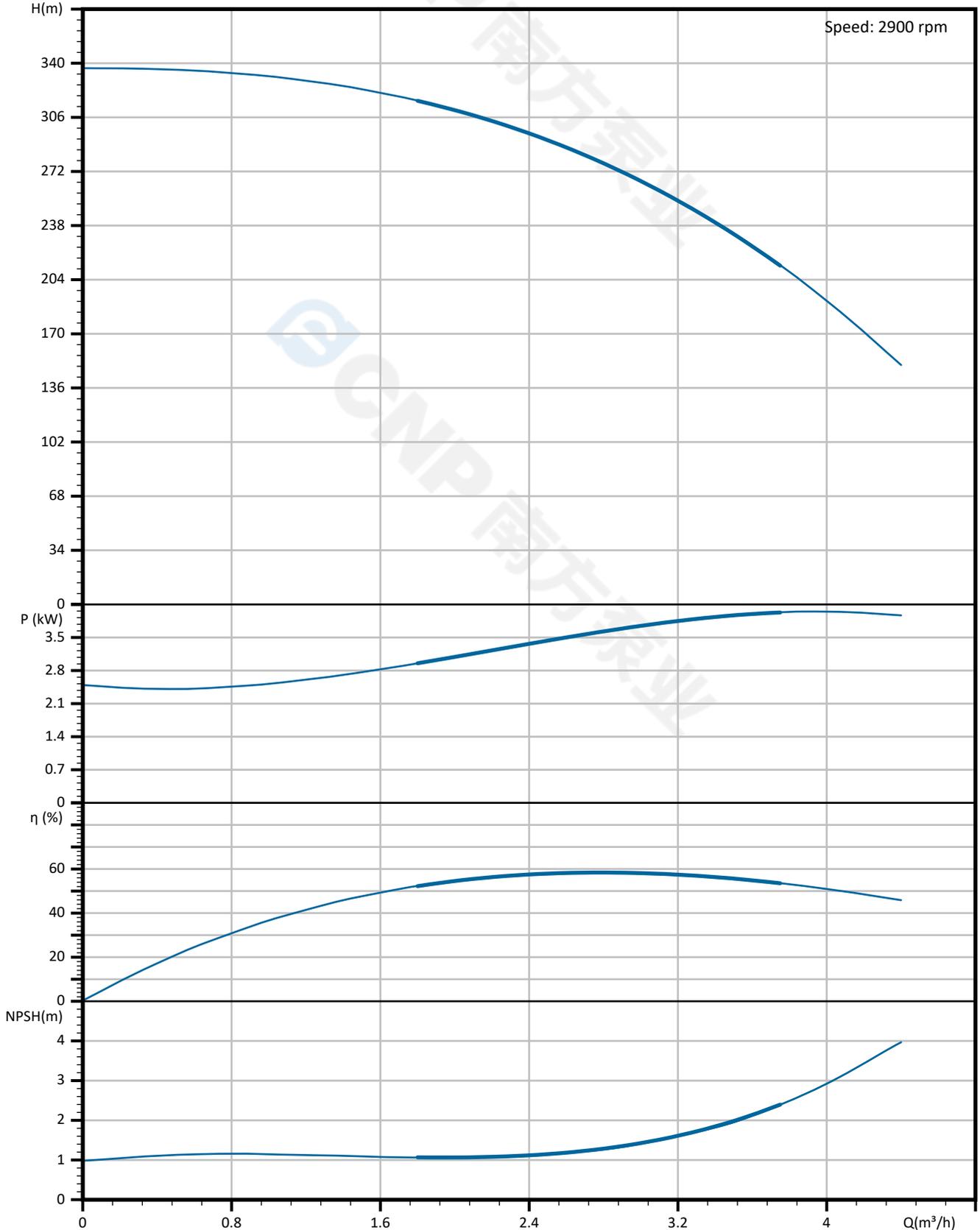
Weight (kg) 135

Structure dimension

Expolded view CMH1,3,5exploded view

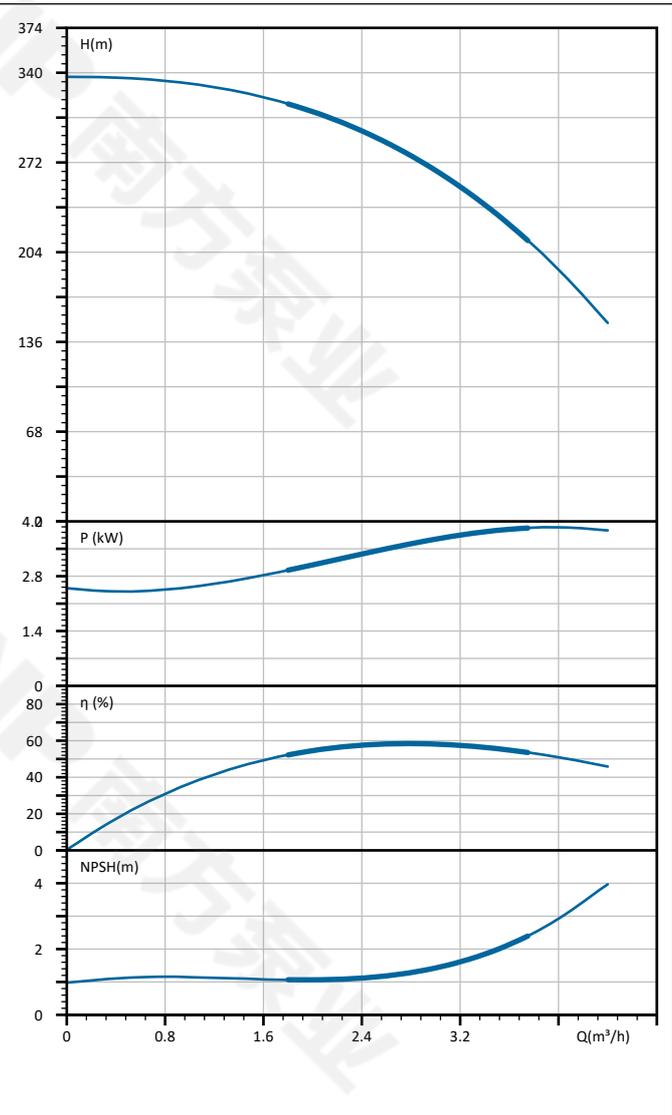
	Performance Curve CDMF3-14+CMH3-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospherical pressure. ISO99062012 Grade 3B



 CNP 南方泵业	Pump Technical Parameters CDMF3-14+CMH3-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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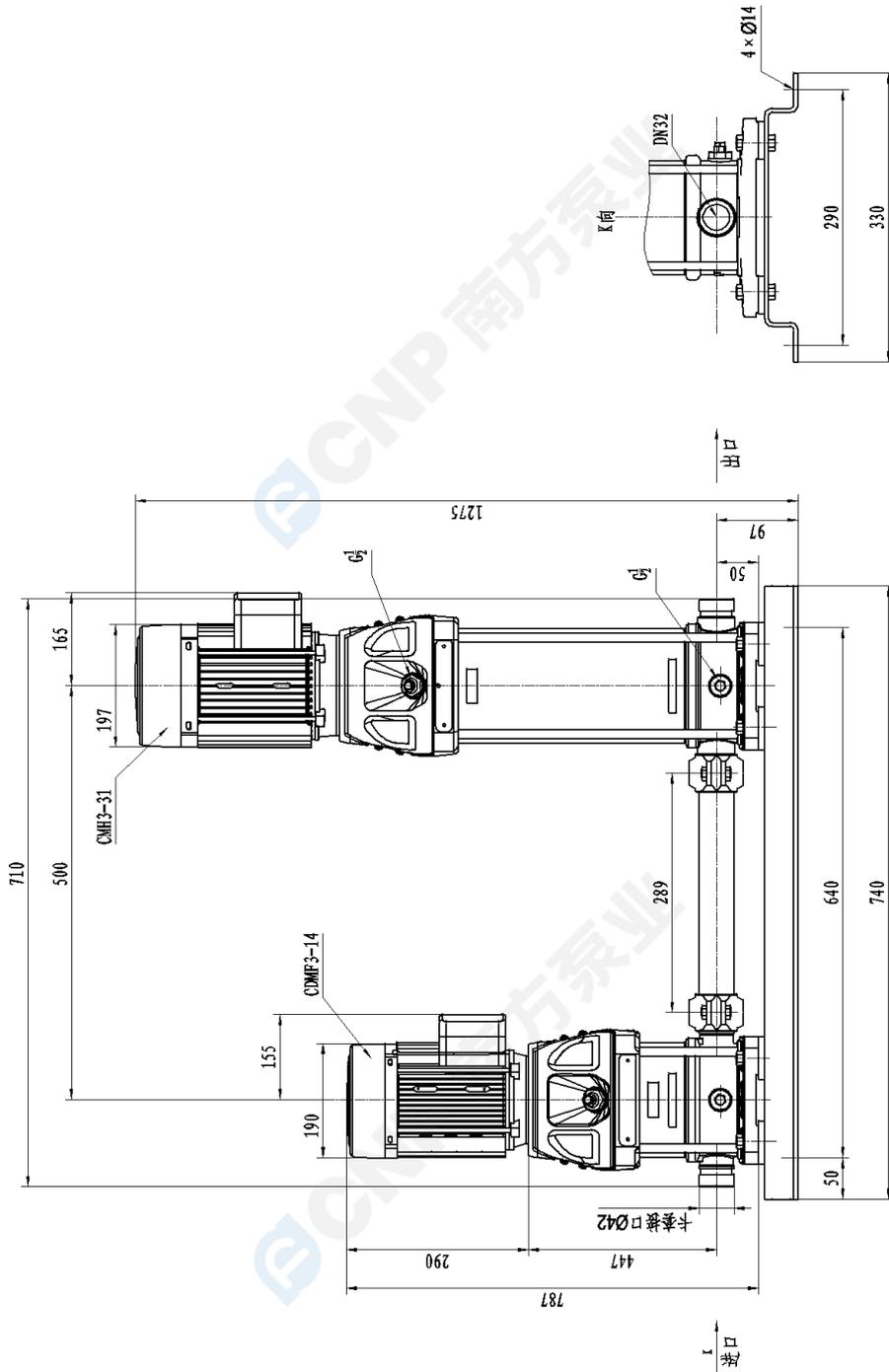
Rated parameters	
Pump model	CDMF3-14+CMH3-31
Part NO.	1100109116
Rated flow	3 m ³ /h
Rated head	267.2 m
Rated efficiency	58 (%)
Power (kW)	3.77 kW
NPSHr (m)	1.4
Speed (rpm)	2900
Max impeller diameter (mm)	82
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m ³)	1000
Viscosity (mm ² /s)	1



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Project Name

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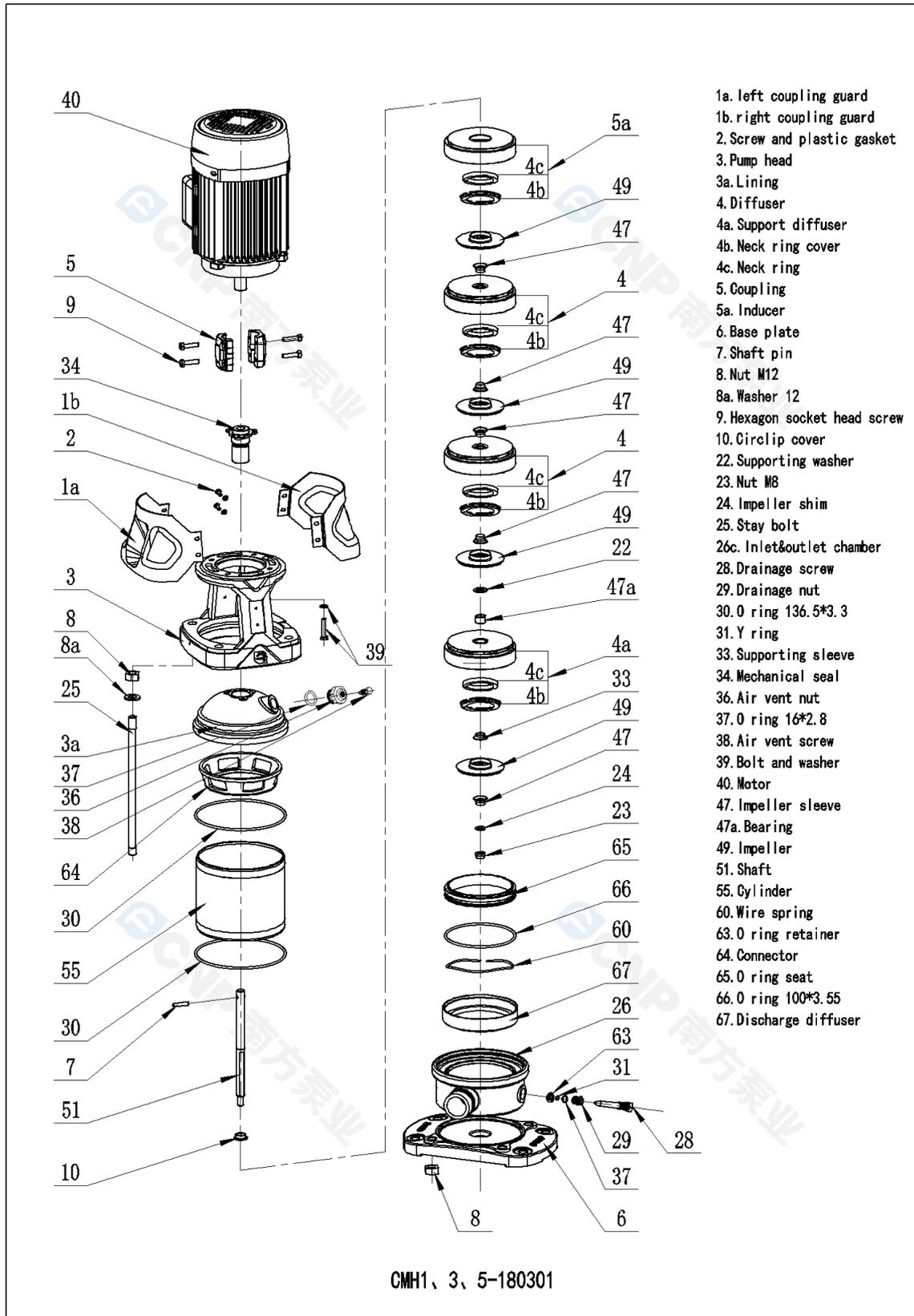


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Project Name

Item NO



- 1a. left coupling guard
- 1b. right coupling guard
- 2. Screw and plastic gasket
- 3. Pump head
- 3a. Lining
- 4. Diffuser
- 4a. Support diffuser
- 4b. Neck ring cover
- 4c. Neck ring
- 5. Coupling
- 5a. Inducer
- 6. Base plate
- 7. Shaft pin
- 8. Nut M12
- 8a. Washer 12
- 9. Hexagon socket head screw
- 10. Circlip cover
- 22. Supporting washer
- 23. Nut M8
- 24. Impeller shim
- 25. Stay bolt
- 26c. Inlet&outlet chamber
- 28. Drainage screw
- 29. Drainage nut
- 30. O ring 136.5*3.3
- 31. Y ring
- 33. Supporting sleeve
- 34. Mechanical seal
- 36. Air vent nut
- 37. O ring 16*2.8
- 38. Air vent screw
- 39. Bolt and washer
- 40. Motor
- 47. Impeller sleeve
- 47a. Bearing
- 49. Impeller
- 51. Shaft
- 55. Cylinder
- 60. Wire spring
- 63. O ring retainer
- 64. Connector
- 65. O ring seat
- 66. O ring 100*3.55
- 67. Discharge diffuser

CMH1、3、5-180301

	Physical picture CDMF3-14+CMH3-31	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
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	Order Data CDMF3-14+CMH3-31	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model CDMF3-14+CMH3-31
 Part NO. 1100109116
 Product price
 Quantity 1
 Total price

Inquiry notes