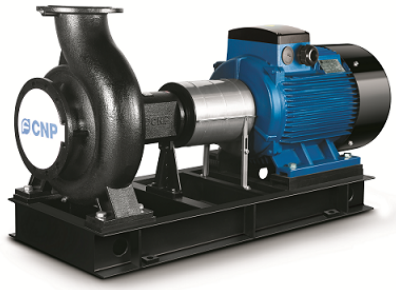
CNP 南方泵业	Product Information NM80-250/45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/14
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Golsad
		Contact	

Part NO.	1100317413
Product Picture: (Note: Images may not be the same as the product)	Note



The NM series is a new generation, high efficiency, horizontal single-stage single-suction centrifugal pump independently developed by referring to the European standard EN733.

This series of products uses a new hydraulic and structural design, the pump minimum energy efficiency index MEI ≥0.4, of which 75% model MEI ≥0.6.

This series of pumps has the characteristics of energy saving, low noise, compact structure, beautiful appearance, easy operation and maintenance, and high reliability.

Technology

Pump rotator speed	2950
Nameplate standards	CE

Material

Pump body	QT500-7
Pump cover	HT200
Impeller	304
Pump shaft	20Cr13
Rubber code	NBR
Material Code	S

Installation

Maximum Operation Pressure	16bar

Medium

Medium Temperature	-15°C~110°C
Inlet & outlet size types	DN
Inlet Bore	DN100
Outlet Diameter	DN80
Rotation Direction	Clockwise rotation viewed from motor end
Expolded view	NM exploded view

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	45KW
Motor model	YE3
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	80.8
Energy Efficiency Level	IE3

Seal

Mechanical Seal	NM-40/B1SE4

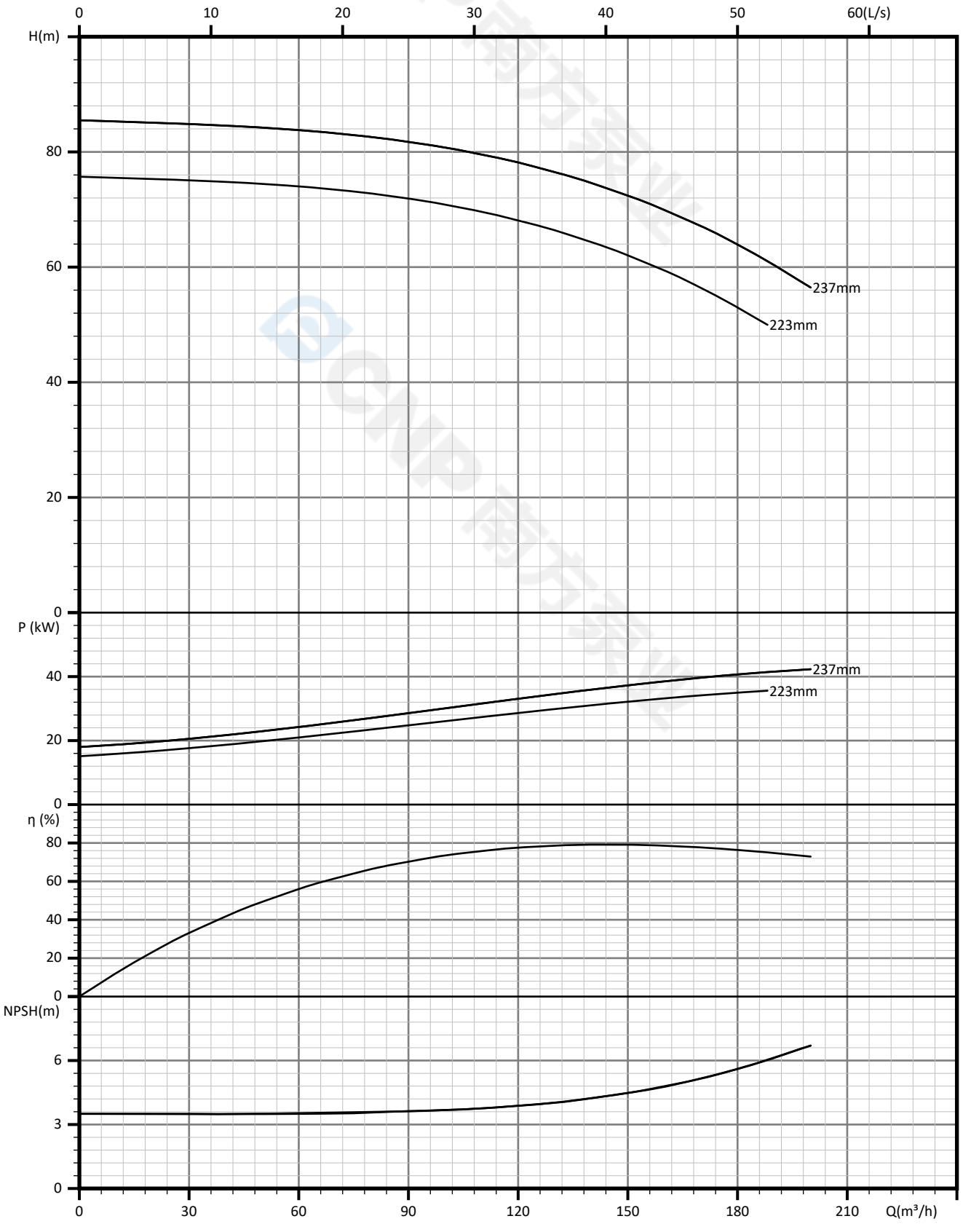
Others

Weight (kg)	526

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Performance Curve NM80-250/45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
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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

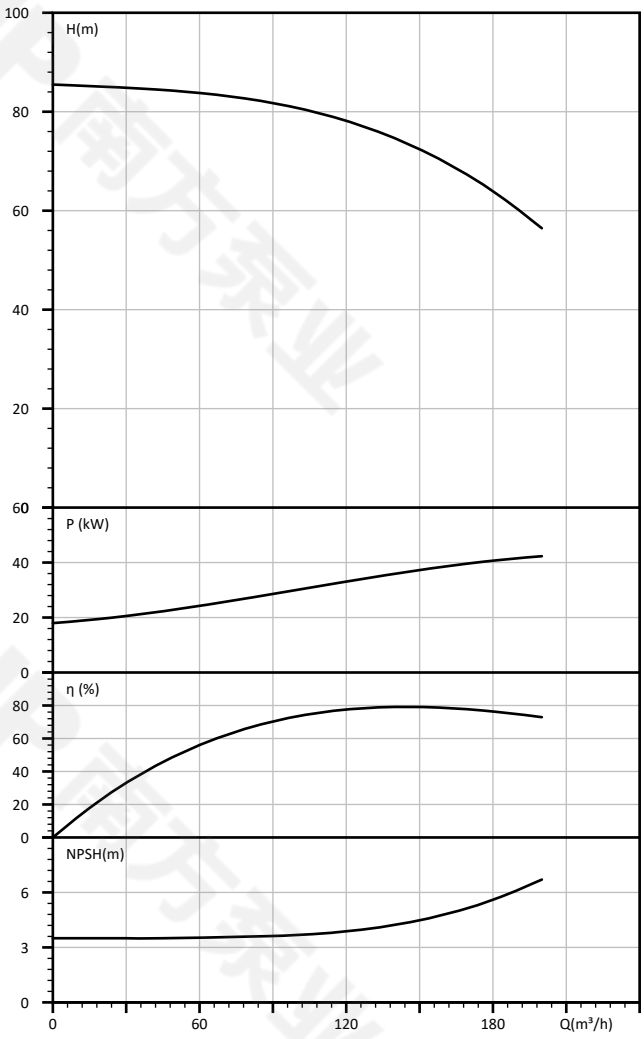


The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Pump Technical Parameters NM80-250/45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
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Project Name		Client Name	
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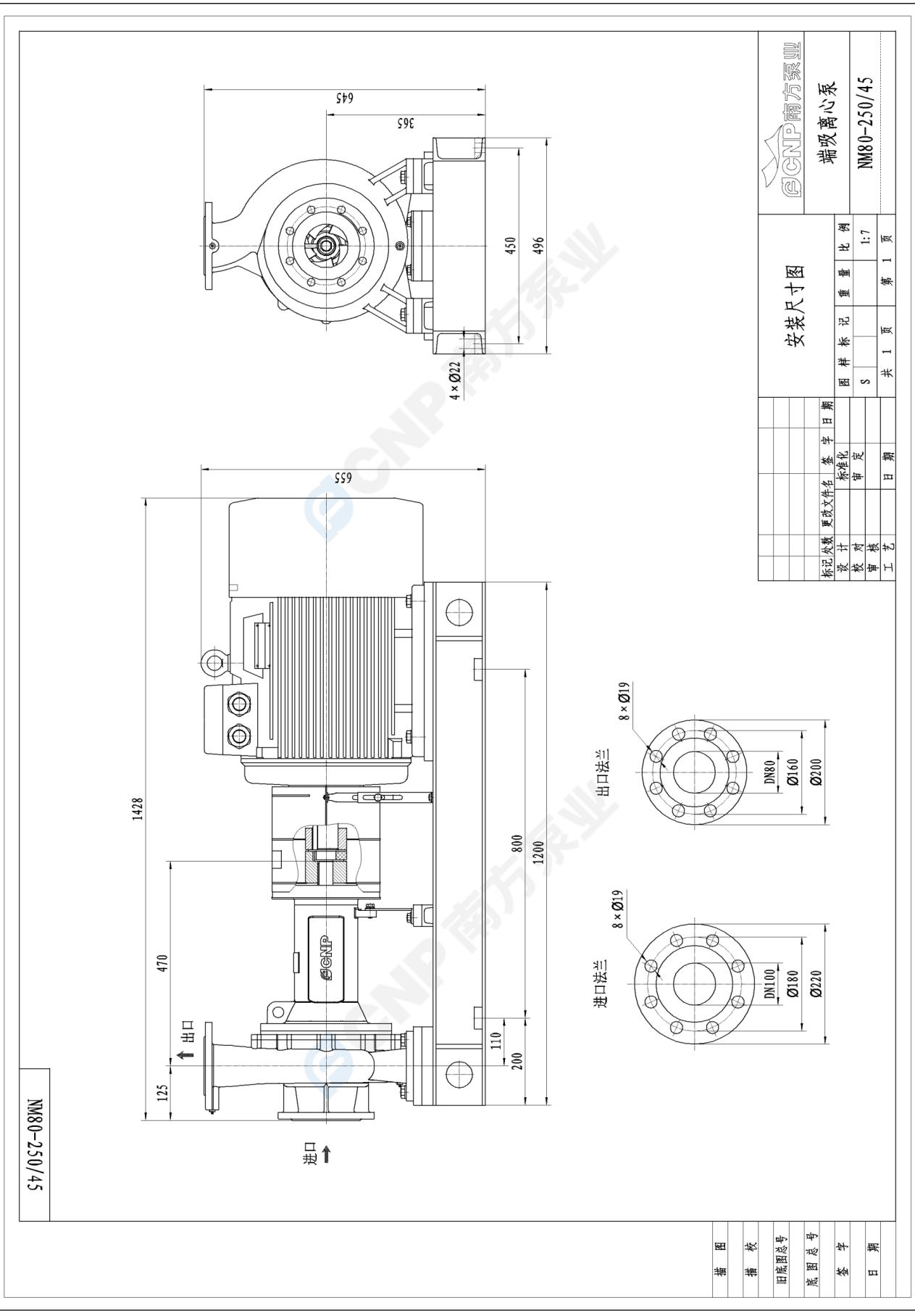
Rated parameters	
Pump model	NM80-250/45
Part NO.	1100317413
Rated flow	160 m³/h
Rated head	70 m
Rated Eta	79.5 %
Rated Power	38.4 kW
NPSHr	4.7 m
Speed	2950 rpm
Max impeller diameter	237 mm

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



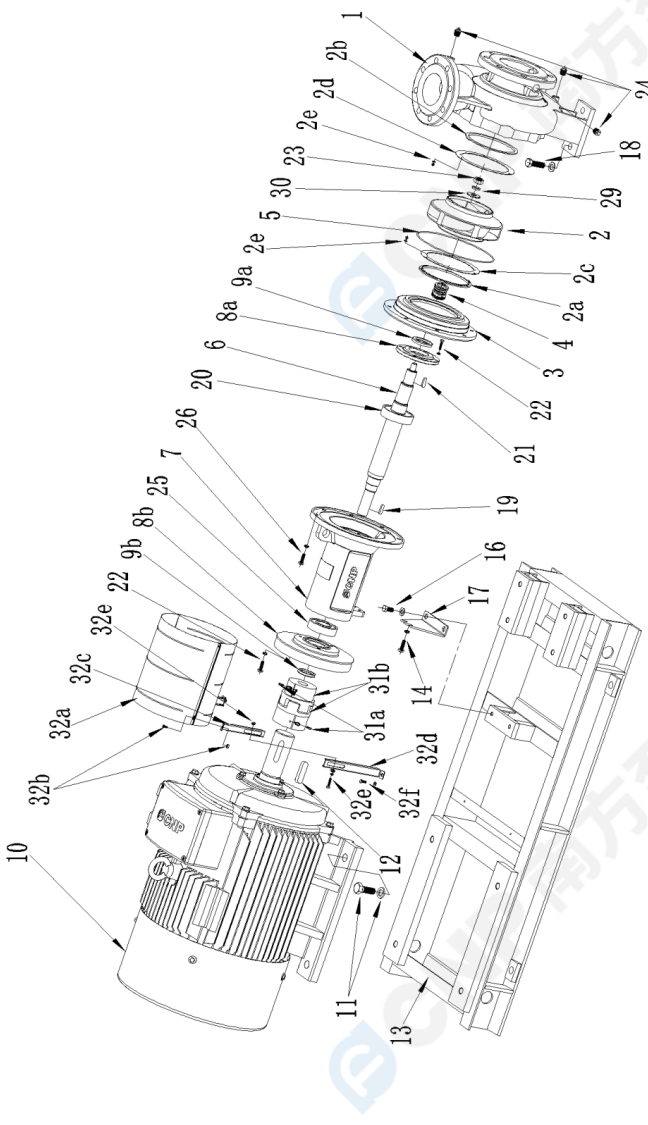
The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	**Dimension Drawing** **NM80-250/45**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/14
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 NM80-250/45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/14
Project Name		Client Name	
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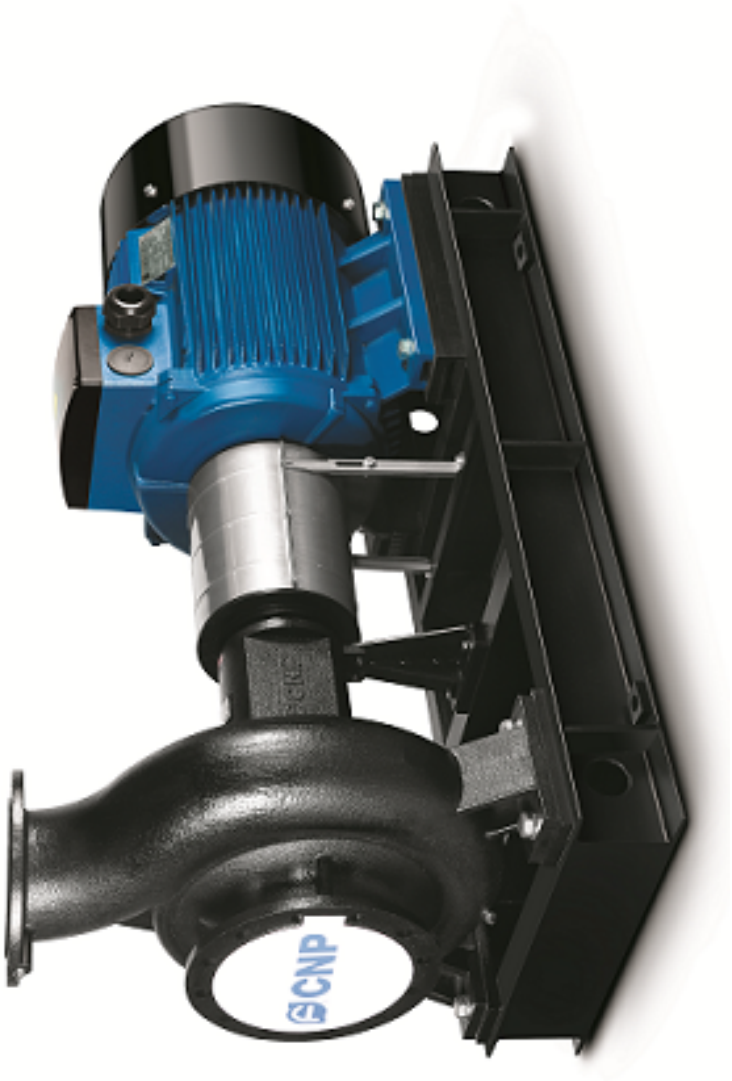


1. Casing
2. Impeller
2a. Back wear ring
2b. Front wear ring
2c. Wear ring cover
2d. Wear ring cover
2e. Nut, washer
3. Casing cover
4. Mechanical seal
5. O ring
6. Shaft
7. Bearing house
8a. Bearing plate
8b. Bearing outer
9a. Oil seal
9b. Oil seal
10. Motor
11. Screw, washer
12. Key(motor)
13. Base
14. Screw, washer
16. Screw, washer
17. Supporter
19. Key
20. Bearing
21. Key
22. Screw, washer
23. Nut
24. Pipe plug
25. Bearing
26. Screw, washer
29. Spring washer
30. Impeller washer
31a. Hexagon socket head cap screws
31b. Coupling
32a. Coupling guard
32b. Screw, washer
32c. Upper supporter
32d. Lower supporter
32e. Screw, washer, nut
32f. Screwe, washer

E-NM-221122

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Physical picture NM80-250/45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/14
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 NM80-250/45	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/14
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Golsad
		Contact	

Pump model	NM80-250/45
Part NO.	1100317413
Product price	
Quantity	1
Total price	

Inquiry notes