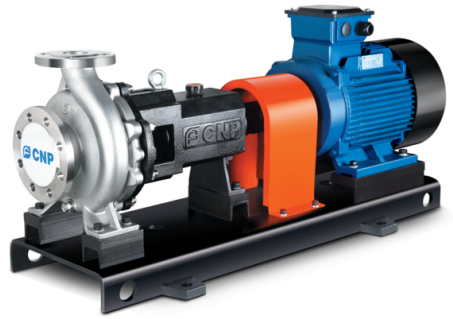
| CNP 南方泵业 | Product Information<br>NIH80-50-315/37 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/17 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Laya |
| | | Contact | |

| Part NO. | 1100321702 |
|---|---|
| Product Picture: (Note: Images may not be the same as the product) | Note |
|  | Non-self-priming single-stage horizontal centrifugal pump, axial inlet, radial outlet;<br>Using the rear open door structure design, the extended coupling, the user does not need to remove the pipeline and motor for maintenance;<br>The whole pump meets the design requirements of GB / T5656 centrifugal pump (II); |

## Technology

| | |
|---|---|
| Pump rotator speed | 2900 |
| Nameplate standards | CE |

## Material

| | |
|---|---|
| Pump body | 304 |
| Pump cover | 304 |
| Impeller | 304 |
| Pump shaft | 20cr13 |
| Rubber code | P |
| Material Code | F |

## Installation

| | |
|---|---|
| Maximum Operation Pressure | 16bar |
| Maximum Inlet Pressure | 3bar |

## Medium

| | |
|---|---|
| Medium Temperature | -15°C~179°C |

| | |
|---|---|
| Inlet & outlet size types | DN |
| Inlet Bore | 80 |
| Outlet Diameter | 50 |
| Rotation Direction | Anti-clockwise rotation viewing from inlet |
| Expolded view | NIH exploded view |

## Motor

| | |
|---|---|
| Number of Motor Phase | Three Phase |
| Protection Class | IP55 |
| Insulation Class | F |
| Motor Power(kW) | 37KW |
| Motor model | YE4 |
| Power Frequency(Hz) | 50HZ |
| Rated Voltage (V) | 380V |
| Rated Current (A) | 66.6 |
| Energy Efficiency Level | IE4 |

## Seal

| | |
|---|---|
| Mechanical Seal | ZJ-KTN-50-B/D1/C-4 |

## Others

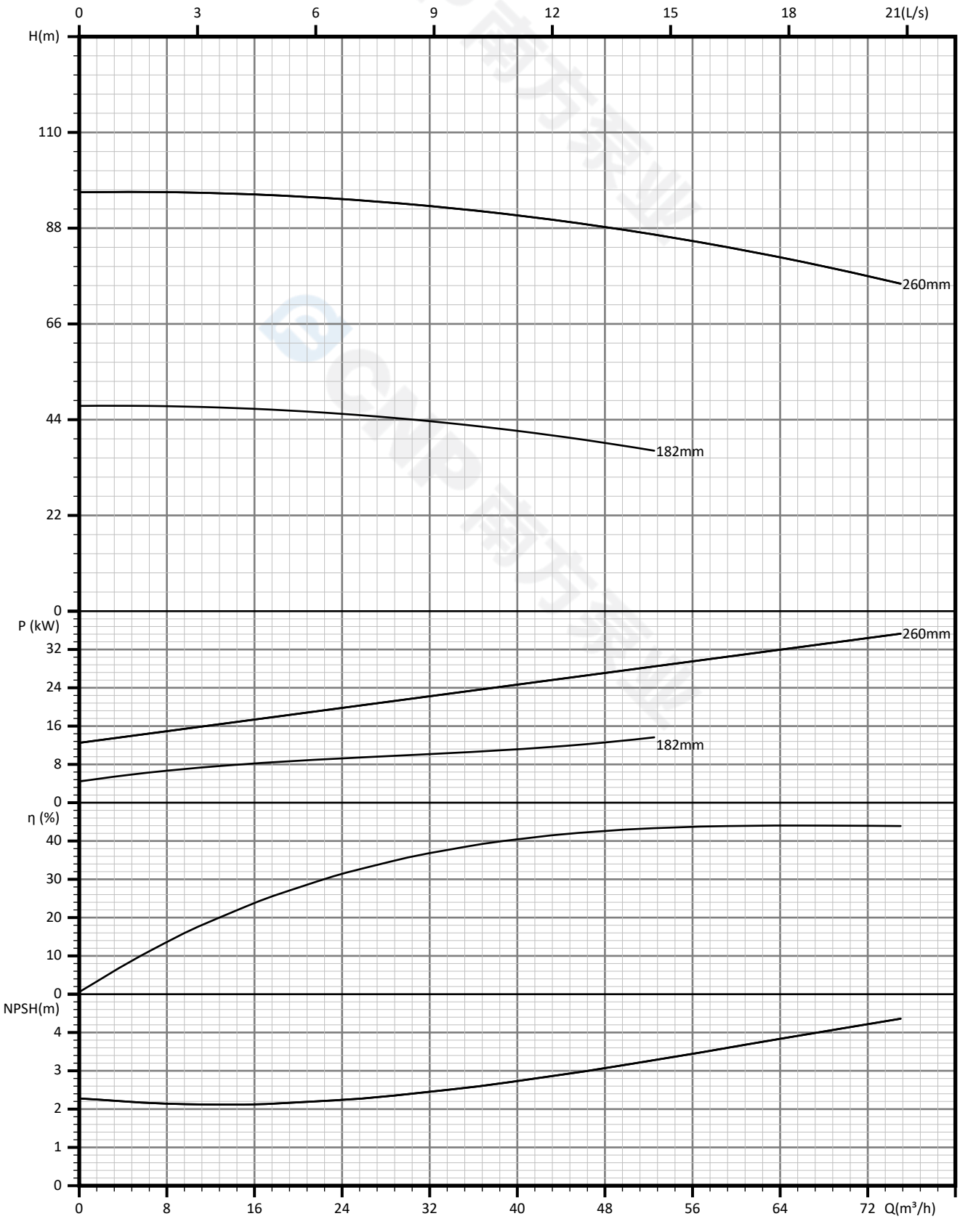
| | |
|---|---|
| Motor weight (kg) | 310 |



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Performance Curve<br>NIH80-50-315/37 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/17 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Laya |
| | | 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



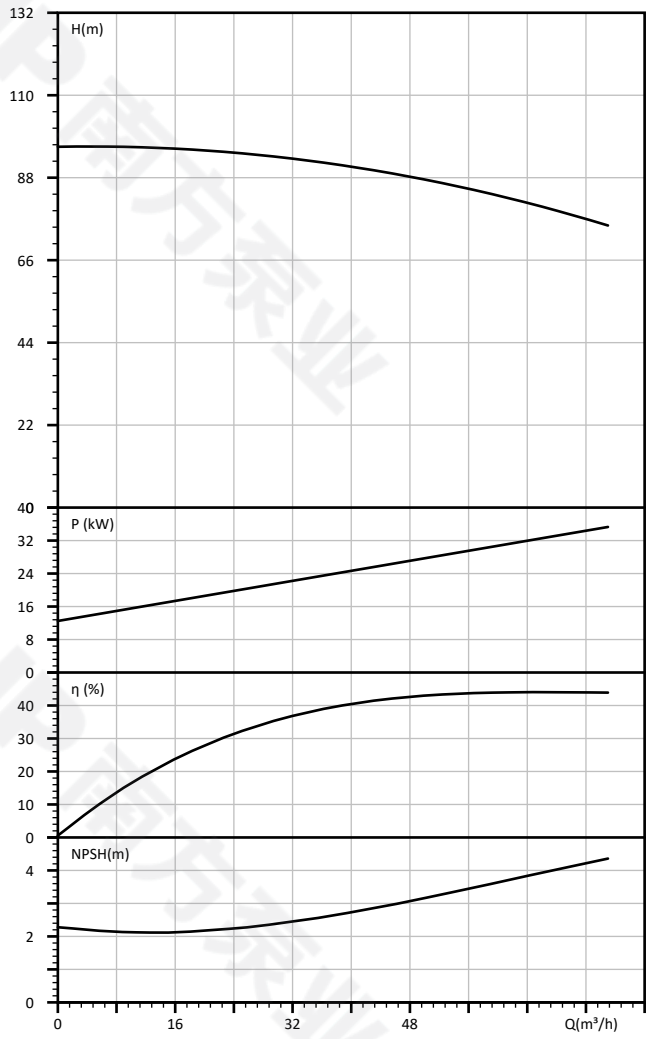



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Pump Technical Parameters<br>NIH80-50-315/37 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/17 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Laya |
| | | Contact | |

| **Rated parameters** | |
|---|---|
| Pump model | NIH80-50-315/37 |
| Part NO. | 1100321702 |
| Rated flow | 50 $m^3/h$ |
| Rated head | 87.5 m |
| Rated Eta | 43 % |
| Rated Power | 27.7 kW |
| NPSHr | 3 m |
| Speed | 2900 rpm |
| Max impeller diameter | 260 mm |

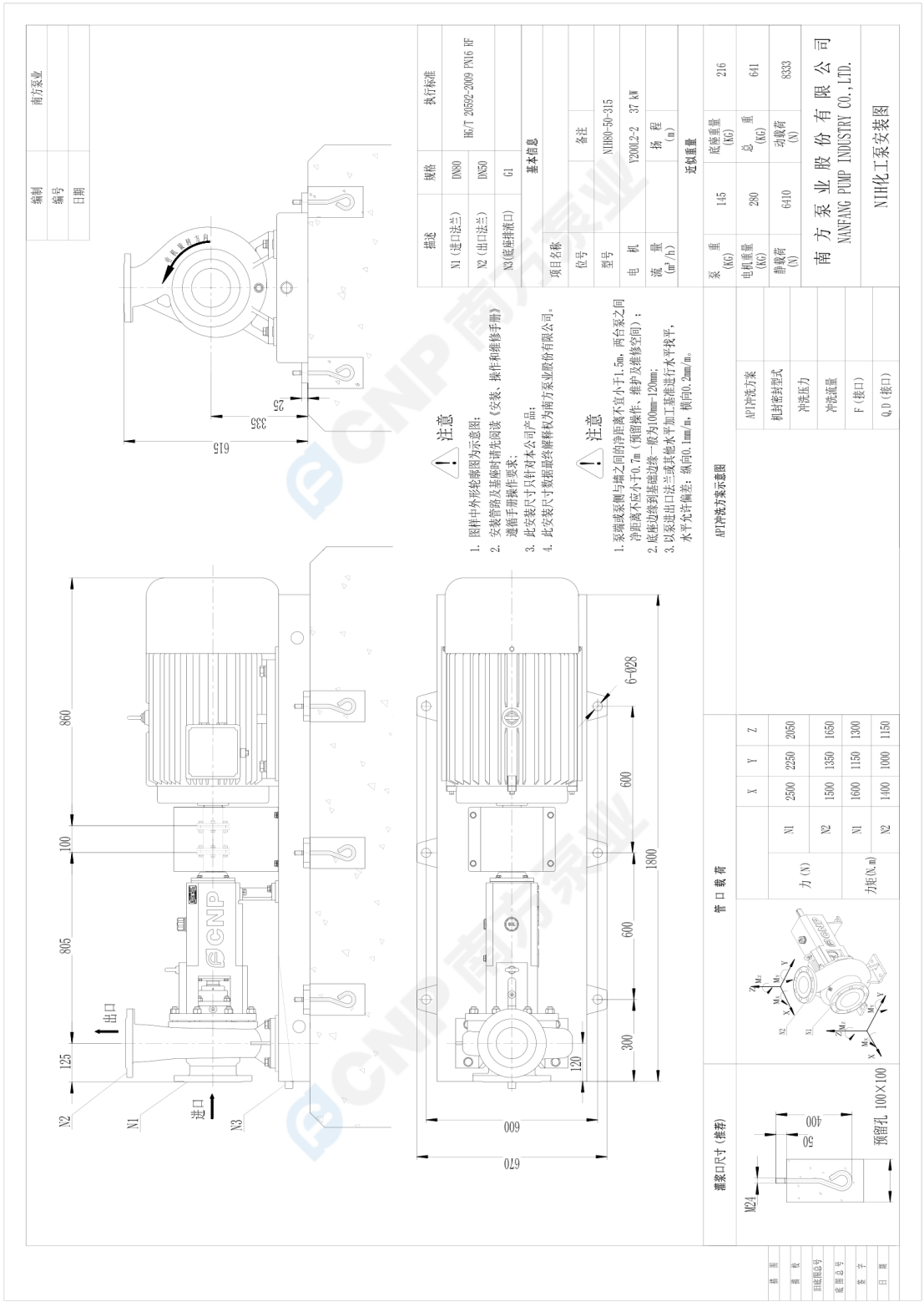
| **Medium** | |
|---|---|
| Pumped medium | water |
| Working temperature | 20 °C |
| Medium density | 1000 $kg/m^3$ |
| Viscosity | 1 $mm^2/s$ |






The manufacturer may change the dimensions and specifications without notice.

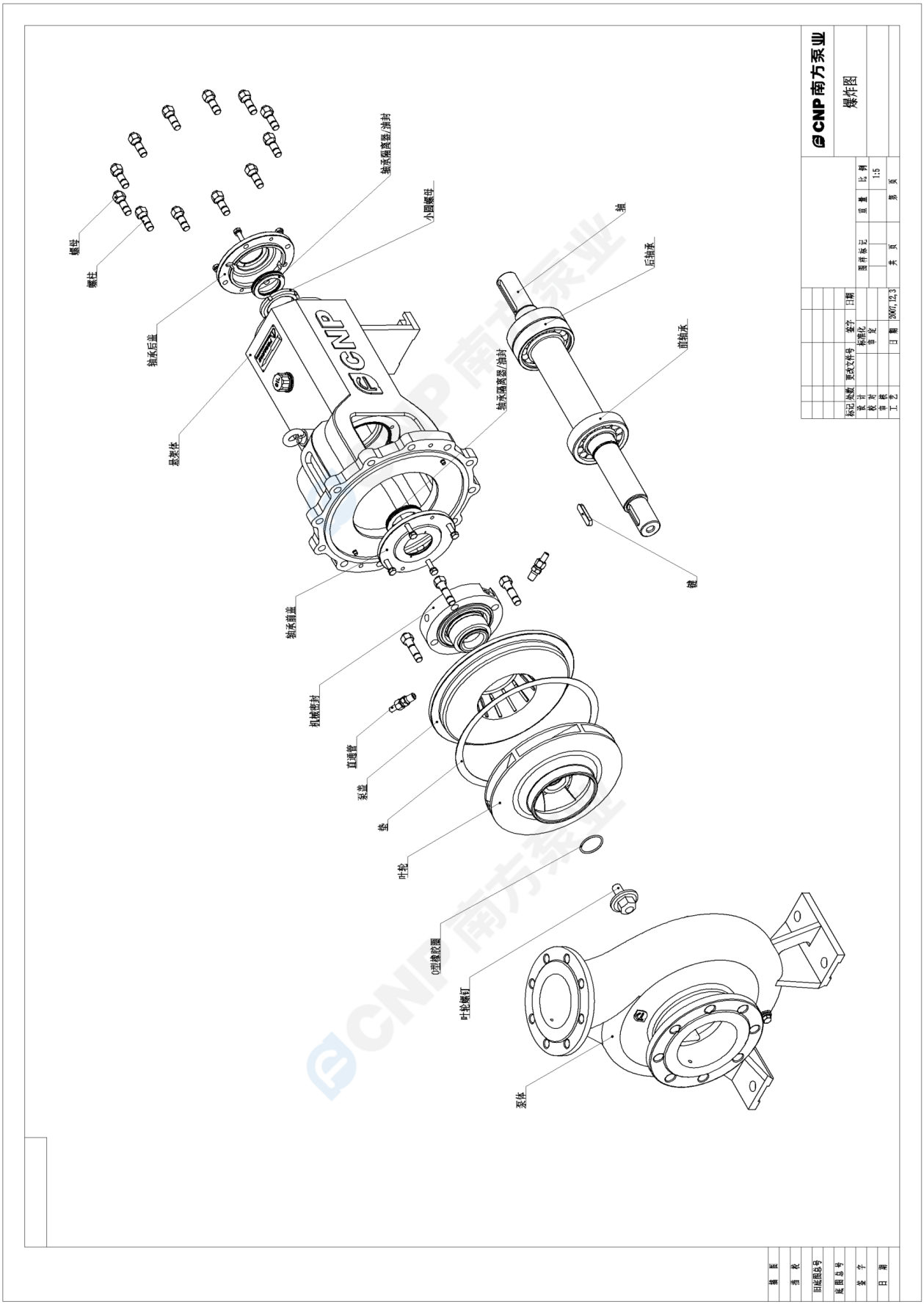
| | | | |
|---|---|---|---|
| CNP 南方泵业 | **Dimension Drawing**<br>**NIH80-50-315/37** | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/17 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Laya |
| | | Contact | |






The manufacturer may change the dimensions and specifications without notice.

| | | | |
|---|---|---|---|
| CNP 南方泵业 | Expolded view<br>NIH80-50-315/37 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/17 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Laya |
| | | Contact | |






The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Physical picture<br>NIH80-50-315/37 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/17 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Laya |
| | | Contact | |






The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Order Data<br>NIH80-50-315/37 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/17 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Laya |
| | | Contact | |

| | |
|---|---|
| Pump model | NIH80-50-315/37 |
| Part NO. | 1100321702 |
| Product price | |
| Quantity | 1 |
| Total price | |

Inquiry notes