| CNP 南方泵业 | Product Information<br>LDMF5-13 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/11 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Laya |
| | | Contact | |

| Part NO. | 1100175529 |
|---|---|
| Product Picture: (Note: Images may not be the same as the product) | Note |
|  | LDMF series is a low cavitation vertical multistage centrifugal pump developed for high temperature medium and bad inlet conditions. The inlet channel of the pump is optimized to improve the suction performance of the pump, reduce noise and prevent the damage caused by cavitation. The product has the characteristics of excellent cavitation resistance, compact structure, convenient maintenance, high reliability, long service life and beautiful appearance. |

## Nameplate parameters

| | |
|---|---|
| Flow | 5 $m^3/h$ |
| Head | 84.5 m |
| Unit Eta | 70 % |
| Speed | 2900 rpm |
| Number of stages | 13 |

## Technology

| | |
|---|---|
| Pump rotator speed | 2900 |
| Pump version | 1 |

## Material

| | |
|---|---|
| Impeller | 304 |
| Rubber code | P |
| Inlet&outlet chamber | ZG07Cr19Ni9 |
| Material Code | S |

## Installation

| | |
|---|---|
| Connection Code | F |
| Maximum Pressure/Temperature (high temperature) | 24 bar / 120 °C |
| Maximum Pressure/Temperature (low temperature) | 24 bar / -15 °C |
| Flange Standard | DIN |
| Pressure Class | PN25 |
| Inlet & outlet | DN32 |

## Medium

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

| | |
|---|---|
| Expolded view | LDMF5 exploded view |

## Motor

| | |
|---|---|
| Number of Motor Phase | Three Phase |
| Protection Class | IP55 |
| Insulation Class | F |
| Motor Power(kW) | 2.2KW |
| Power Frequency(Hz) | 50HZ |
| Rated Voltage (V) | 380V |
| Rated Current (A) | 7.9/4.6A |



The manufacturer may change the dimensions and specifications without notice.

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|---|---|---|---|
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| | | Date | 2026/10/11 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Laya |
| | | Contact | |

## Motor

| | |
|---|---|
| Energy Efficiency Level | IE3 |

## Seal

| | |
|---|---|
| Mechanical Seal | CDLA-12/WB1F14 |

## Others

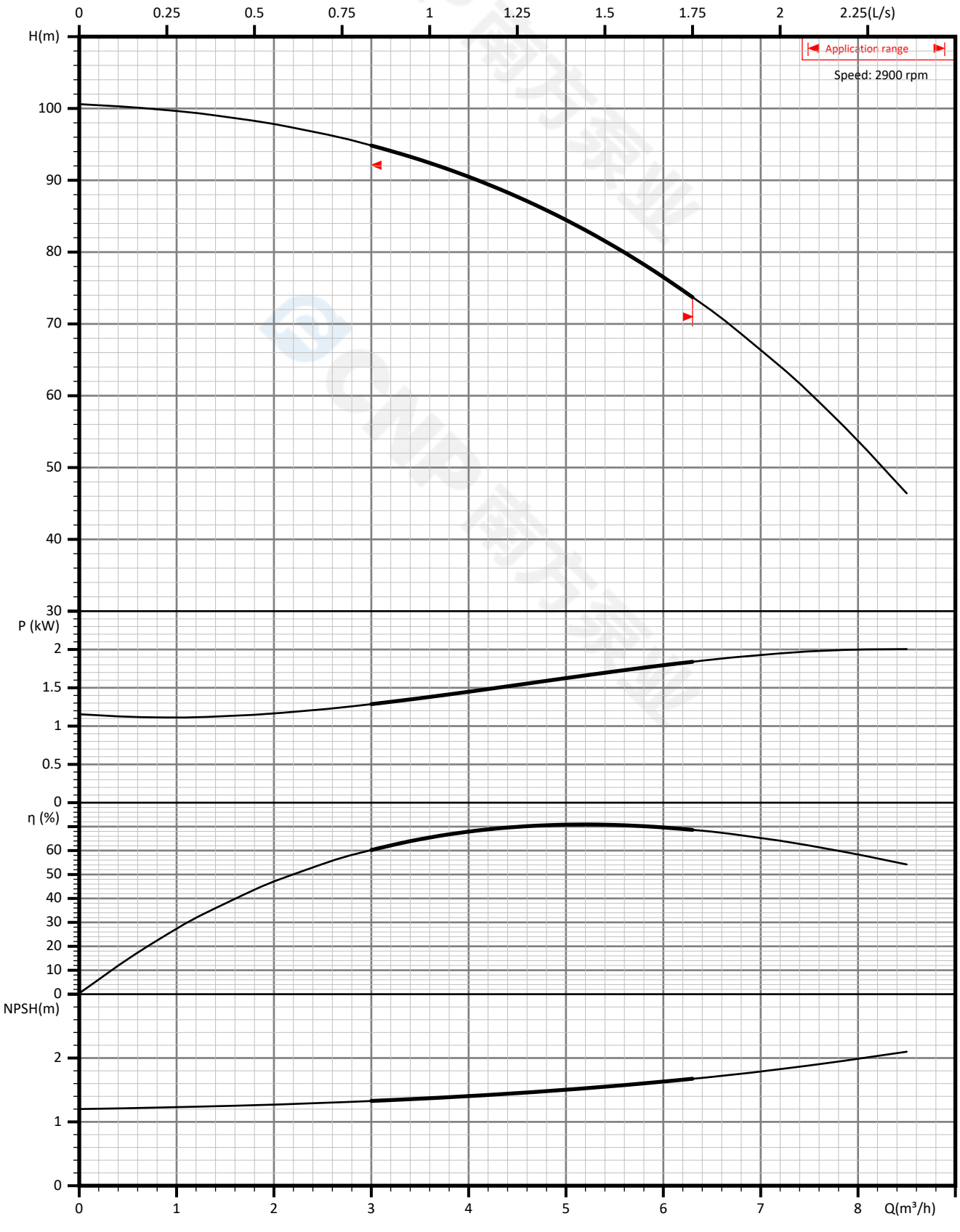
| | |
|---|---|
| Weight (kg) | 37 |



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Performance Curve<br>LDMF5-13 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/11 |
| 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



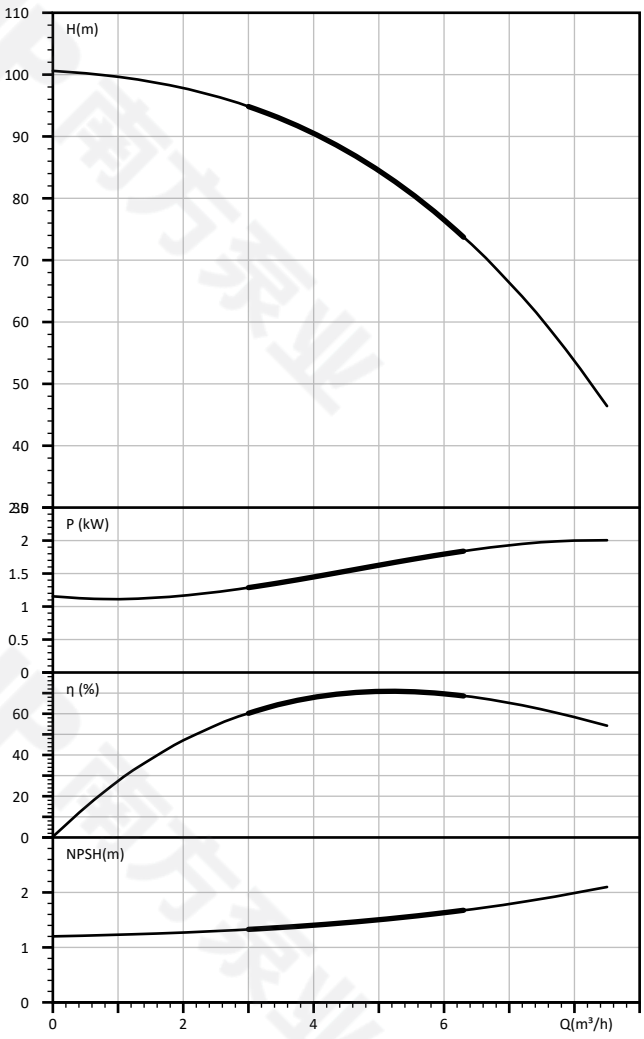



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Pump Technical Parameters<br>LDMF5-13 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/11 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Laya |
| | | Contact | |

| **Rated parameters** | |
|---|---|
| Pump model | LDMF5-13 |
| Part NO. | 1100175529 |
| Rated flow | 5 m³/h |
| Rated head | 84.5 m |
| Rated Unit Eta | 70 % |
| Rated Input Power | 1.645 kW |
| NPSHr | 1.5 m |
| Speed | 2900 rpm |
| Max impeller diameter | 100 mm |

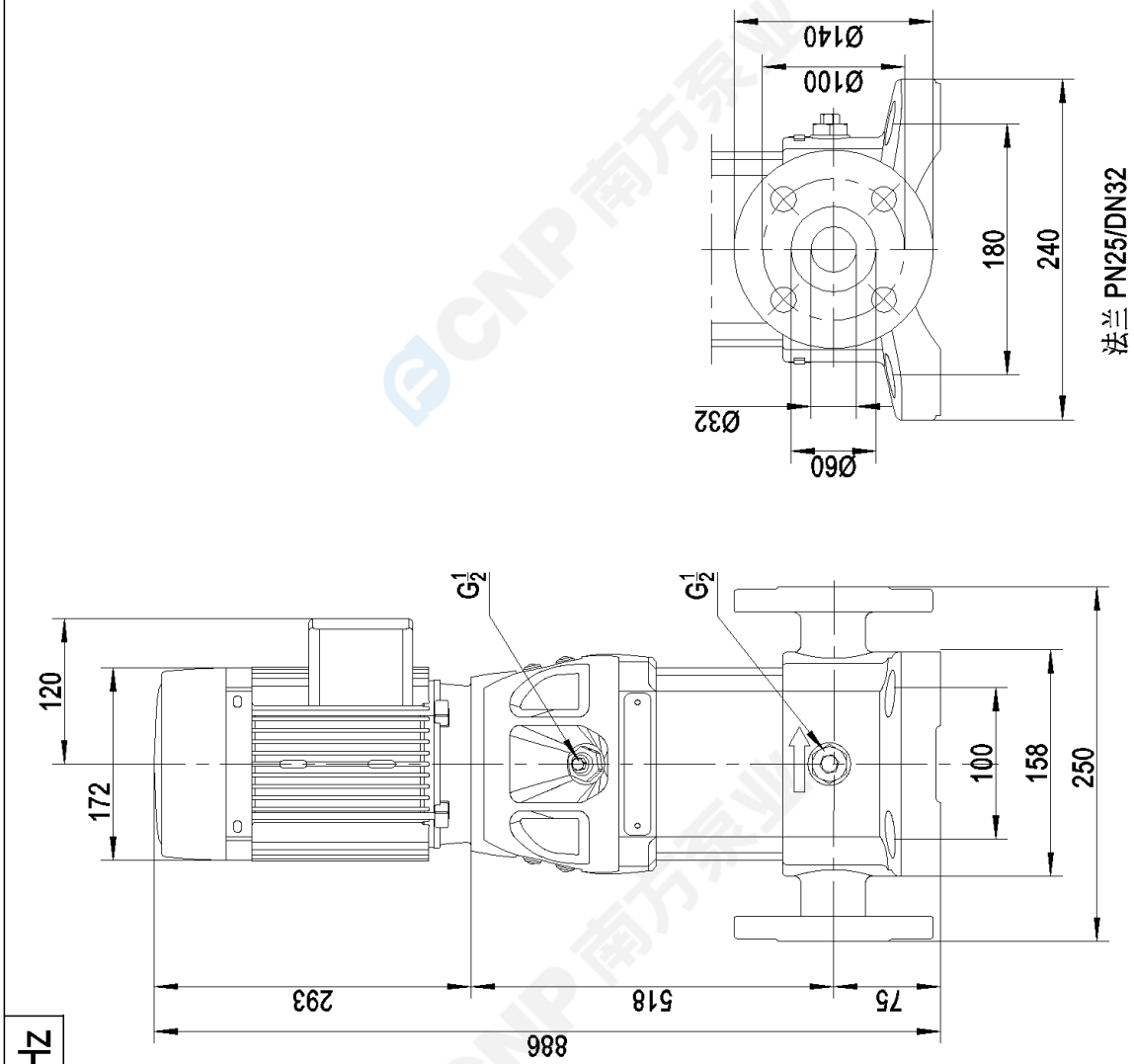
| **Medium** | |
|---|---|
| Pumped medium | water |
| Working temperature | 20 °C |
| Medium density | 1000 kg/m³ |
| Viscosity | 1 mm²/s |






The manufacturer may change the dimensions and specifications without notice.

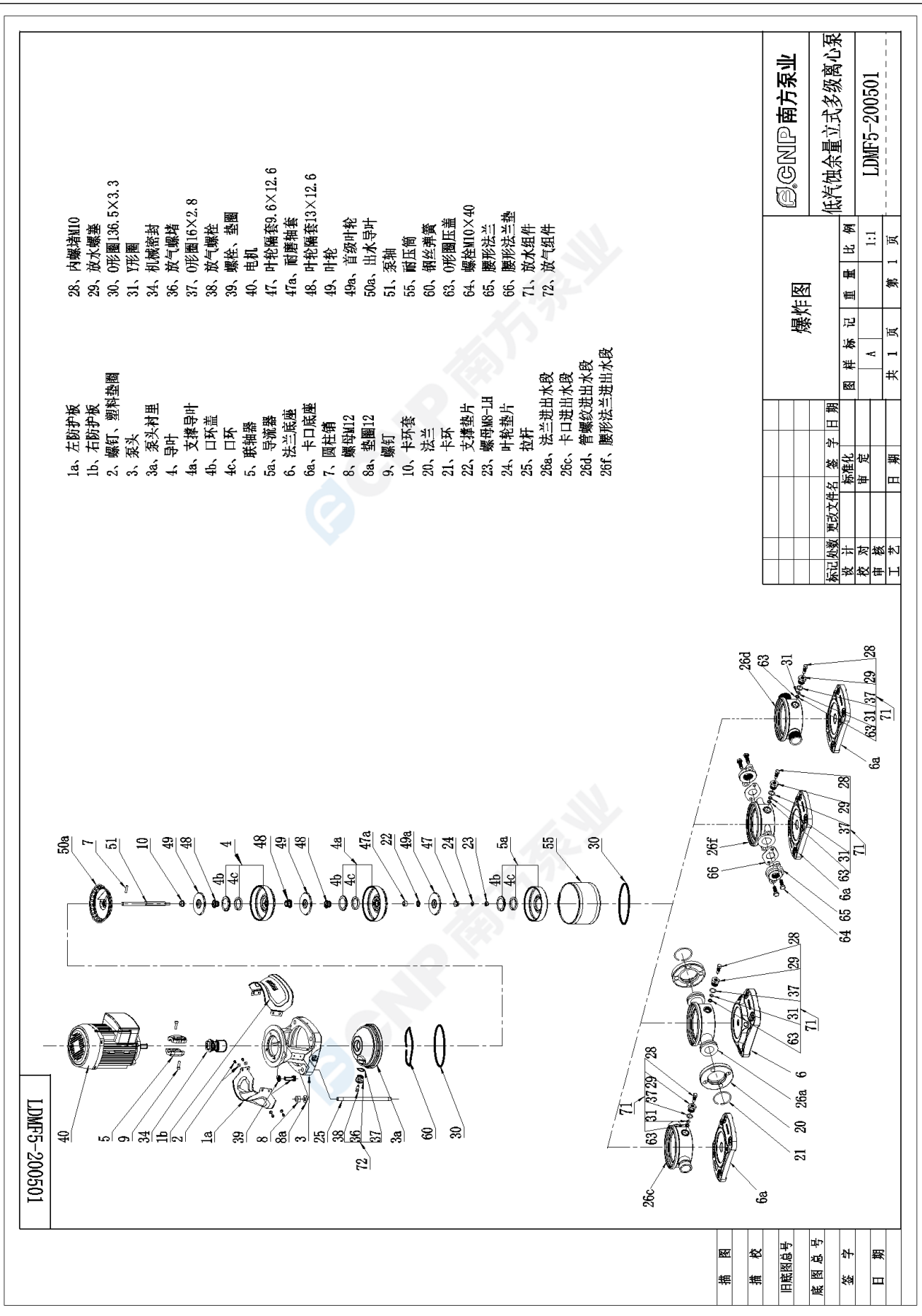
| | | | |
|---|---|---|---|
| CNP 南方泵业 | Dimension Drawing<br>LDMF5-13 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/11 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Laya |
| | | Contact | |






The manufacturer may change the dimensions and specifications without notice.

| | | | |
|---|---|---|---|
| CNP 南方泵业 | Expolded view<br>LDMF5-13 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/11 |
| 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>LDMF5-13 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/11 |
| 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>LDMF5-13 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/11 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Laya |
| | | Contact | |

| | |
|---|---|
| Pump model | LDMF5-13 |
| Part NO. | 1100175529 |
| Product price | |
| Quantity | 1 |
| Total price | |

Inquiry notes