| CNP 南方泵业 | Product Information<br>50ZWL(F)20-40 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/16 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Golsad |
| | | Contact | |

| Part NO. | 1100316027 |
|---|---|
| Product Picture: (Note: Images may not be the same as the product) | Note |
|  | ZWL(F) series non-clogging self-priming sewage pump integrates self-priming and non-clogging sewage discharge, adopts external mixing structure, and combines self-priming and non-clogging functions through the unique design of pump body and impeller flow channel |

## Nameplate parameters

| | |
|---|---|
| Flow | 20 m³/h |
| Head | 40 m |
| Eta | 45 % |
| Speed | 2900 rpm |

## Technology

| | |
|---|---|
| Pump rotator speed | 2900 |

## Material

| | |
|---|---|
| Impeller | 304 |

## Installation

| | |
|---|---|
| Maximum Operation Pressure | 0.47MPa |
| Maximum Altitude | 1000M |

## Medium

| | |
|---|---|
| Maximum diameter of particles (mm) | 10 |
| Medium PH Value | 4~12 |
| Medium Density | ≤1.2*103kg/m3 |
| Maximum Environment Temperature | ≤40°C |
| Liquid Temperature Range | 0°C40°C |
| Inlet Bore | 50mm |
| Outlet Diameter | 40mm |
| Expolded view | ZWL exploded view |

## Motor

| | |
|---|---|
| Number of Motor Phase | Three Phase |
| Protection Class | IP55 |
| Insulation Class | F |
| Motor Power(kW) | 5.5kW |
| Power Frequency(Hz) | 50Hz |
| Rated Voltage (V) | 380V |
| Rated Current (A) | 10.6A |
| Energy Efficiency Level | IE3 |

## Others

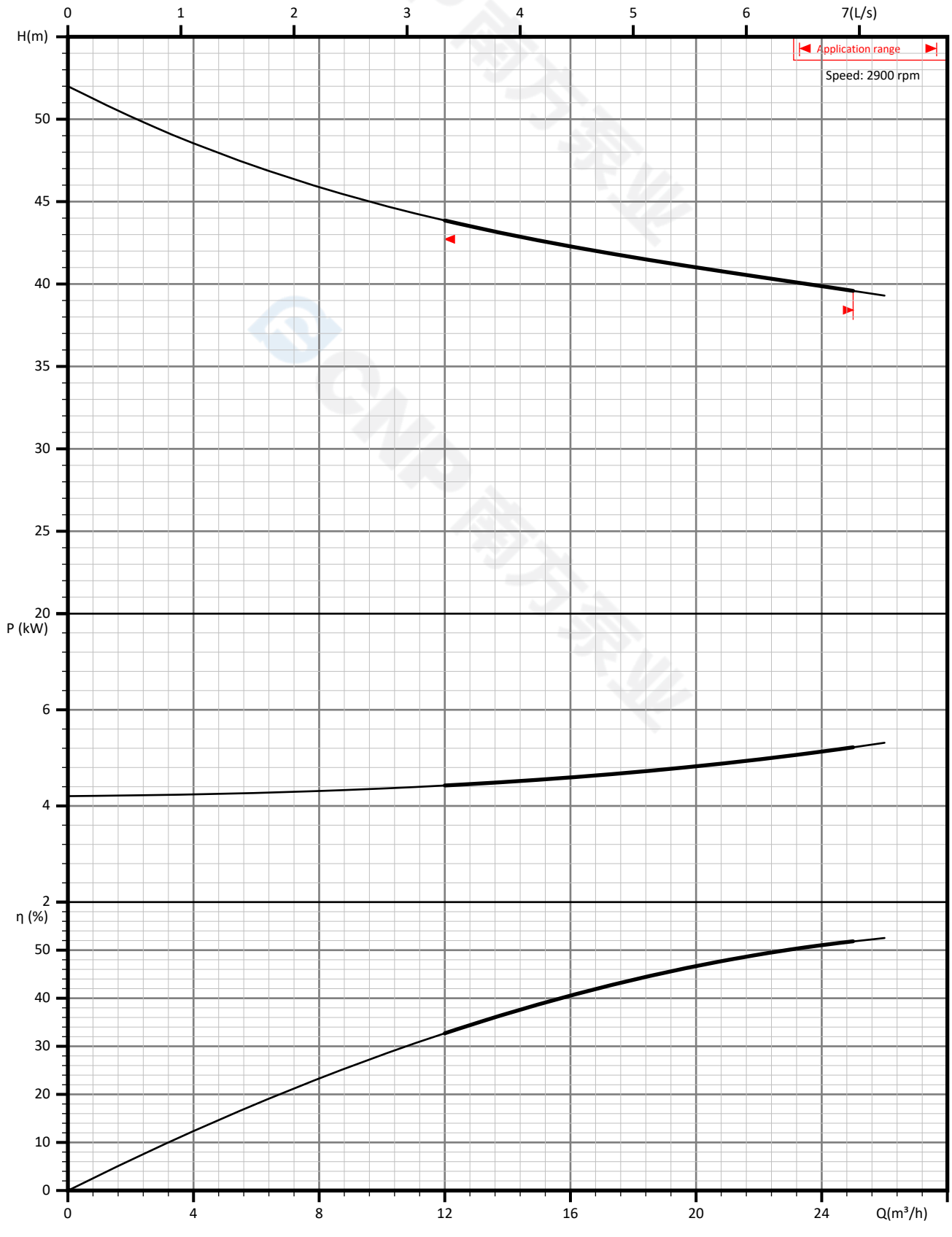
| | |
|---|---|
| Weight of Pump | 180 |



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Performance Curve<br>50ZWL(F)20-40 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/16 |
| 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



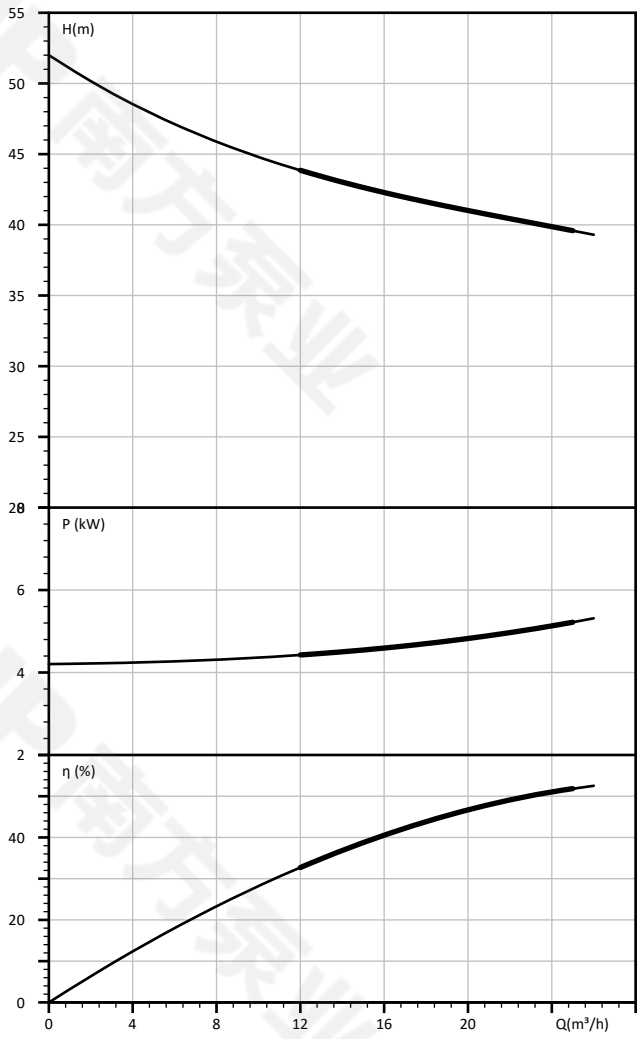



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Pump Technical Parameters<br>50ZWL(F)20-40 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/16 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Golsad |
| | | Contact | |

| **Rated parameters** | |
|---|---|
| Pump model | 50ZWL(F)20-40 |
| Part NO. | 1100316027 |
| Rated flow | 20 $m^3/h$ |
| Rated head | 40 m |
| Rated Eta | 45 % |
| Rated Power | 4.84 kW |
| Speed | 2900 rpm |
| Max impeller diameter | 184 mm |

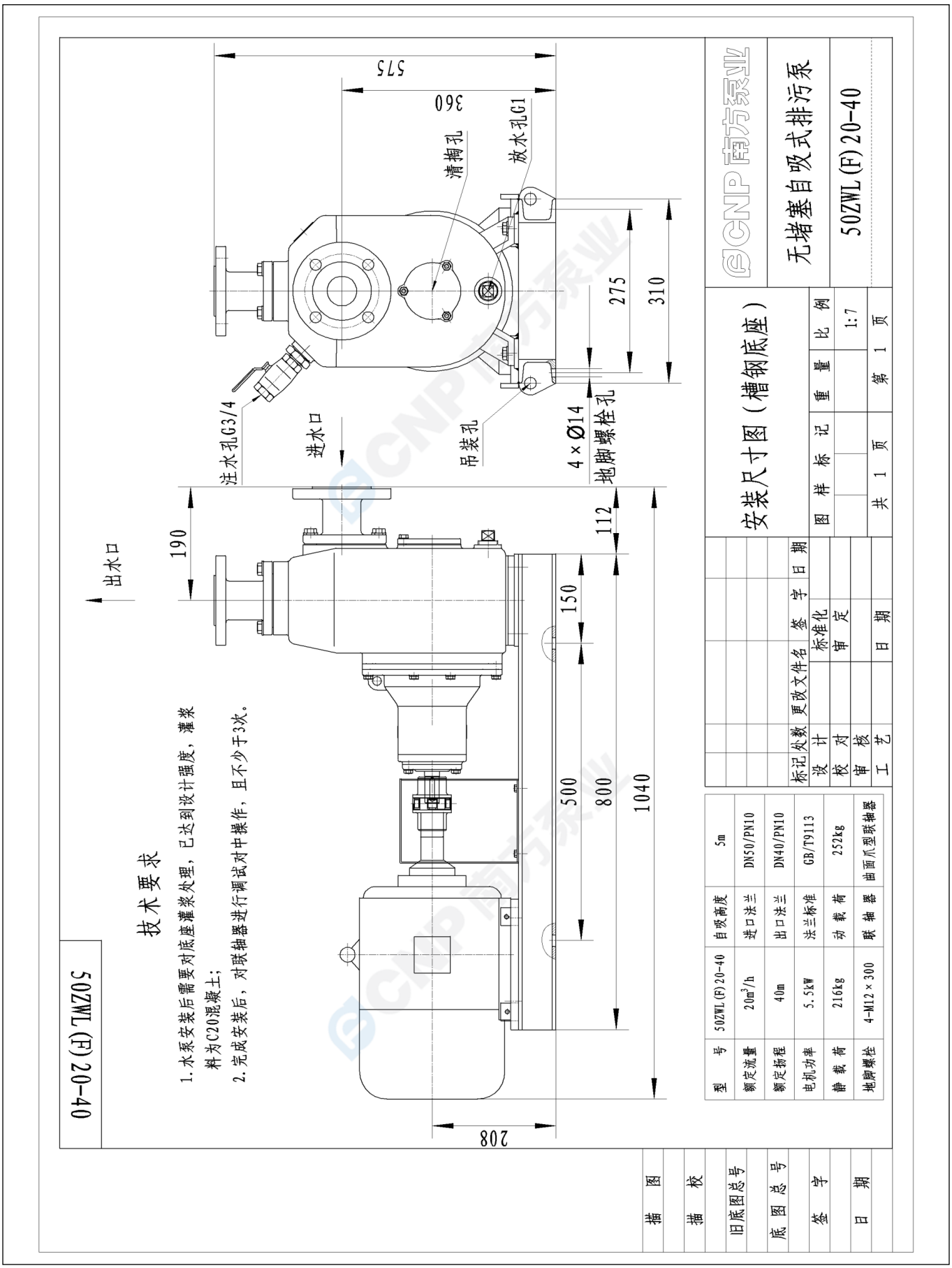
| **Medium** | |
|---|---|
| Pumped medium | water |
| Working temperature | 20 °C |
| Medium density | 1000 $kg/m^3$ |
| Viscosity | 1 $mm^2/s$ |






The manufacturer may change the dimensions and specifications without notice.

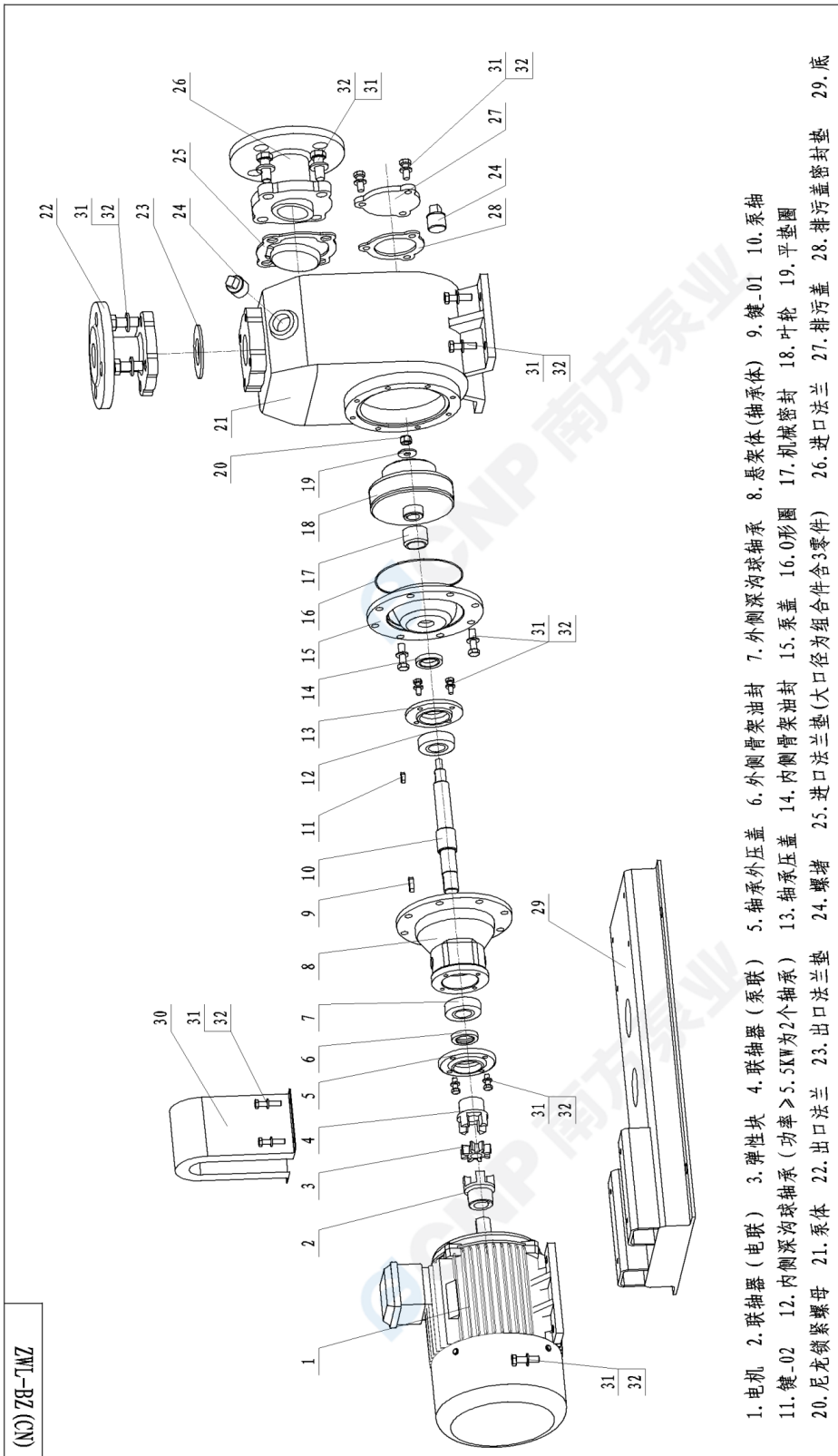
| | | | |
|---|---|---|---|
| CNP 南方泵业 | **Dimension Drawing**<br>**50ZWL(F)20-40** | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/16 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Golsad |
| | | Contact | |






The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Expolded view<br>50ZWL(F)20-40 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/16 |
| 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 | Physical picture<br>50ZWL(F)20-40 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/16 |
| 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<br>50ZWL(F)20-40 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/16 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Golsad |
| | | Contact | |

| | |
|---|---|
| Pump model | 50ZWL(F)20-40 |
| Part NO. | 1100316027 |
| Product price | |
| Quantity | 1 |
| Total price | |

Inquiry notes