| | | | |
|---|---|---|---|
| CNP 南方泵业 | **Product Information**<br>**42 SS 1** | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/02 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Wepko |
| | | Contact | |

| | |
|---|---|
| Part NO. | 1100226883 |

| Product Picture: (Note: Images may not be the same as the product) | Note |
|---|---|
|  | The SS series are vertical multistage centrifugal pumps specially designed for water industry. The product performance is optimized by CFD, vibration and noise reduction analysis, and total new industiral design, the efficiency reaches the industry benchmark, vibration and noise comply with the national grade A standard. The products have the characteristics of ultra-efficient, super-quiet, compact, convenient maintenance, high reliability, beautiful appearance, etc. |

## Nameplate parameters

| | |
|---|---|
| Flow | 42 m³/h |
| Head | 20 m |
| Unit Eta | 74 % |
| Speed | 2900 rpm |

## Technology

| | |
|---|---|
| Pump rotator speed | 2900 |
| Nameplate standards | CE |
| Pump version | 2 |

## Material

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

## Installation

| | |
|---|---|
| Connection Code | F |
| Maximum Pressure/Temperature (high temperature) | 10bar / 75 °C |
| Maximum Pressure/Temperature (low temperature) | 10 bar / -15 °C |
| Flange Standard | DIN |
| Pressure Class | PN25-40 |
| Inlet & outlet | DN80 |

## Medium

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

| | |
|---|---|
| Expolded view | 32 42 65 SS exploded view |

## Motor

| | |
|---|---|
| Number of Motor Phase | Three Phase |
| Protection Class | IP55 |
| Insulation Class | F |
| Motor Power(kW) | 4KW |
| Power Frequency(Hz) | 50HZ |
| Rated Voltage (V) | 380V |
| Rated Current (A) | 7.8A |



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Product Information<br>42 SS 1 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/02 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Wepko |
| | | Contact | |

## Motor

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

## Seal

| | |
|---|---|
| Mechanical Seal | SS-22/S2B1F14 |

## Others

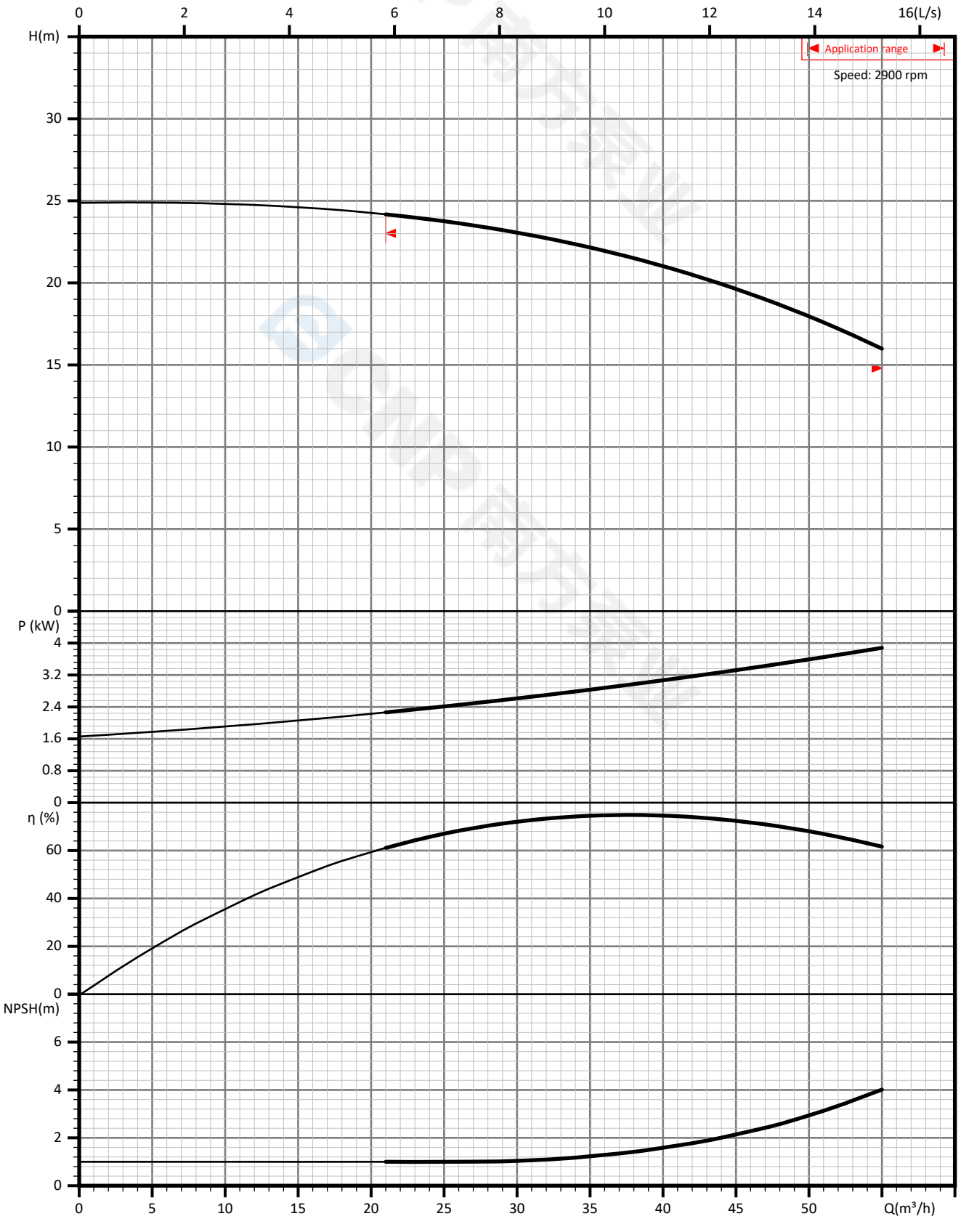
| | |
|---|---|
| Weight (kg) | 90 |



The manufacturer may change the dimensions and specifications without notice.

| | | | |
|---|---|---|---|
| CNP 南方泵业 | **Performance Curve**<br>**42 SS 1** | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/02 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Wepko |
| | | 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



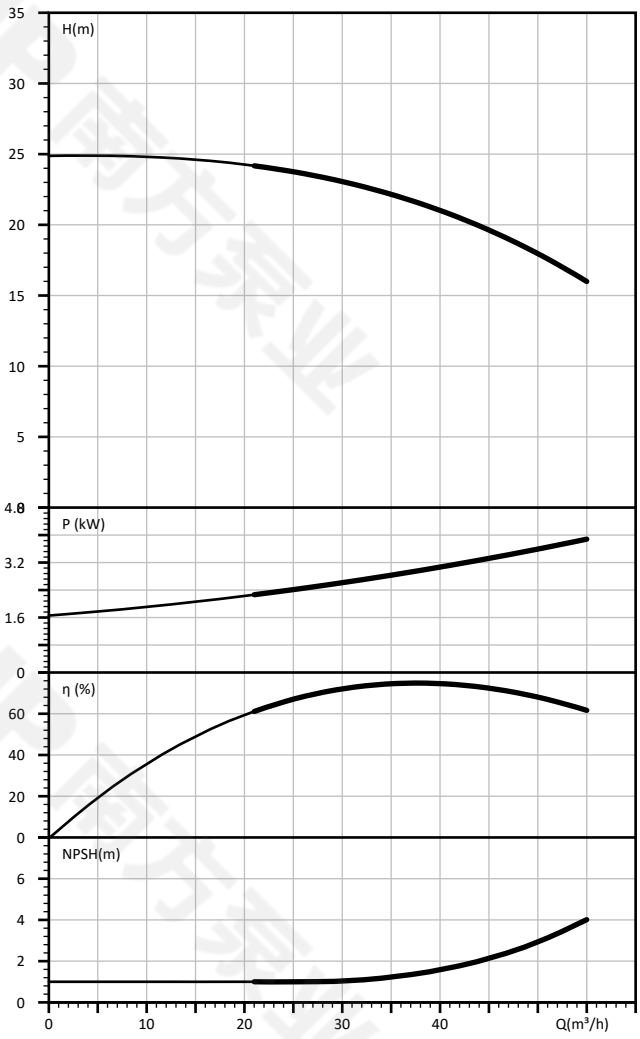



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Pump Technical Parameters<br>42 SS 1 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/02 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Wepko |
| | | Contact | |

| **Rated parameters** | |
|---|---|
| Pump model | 42 SS 1 |
| Part NO. | 1100226883 |
| Rated flow | 42 m³/h |
| Rated head | 20 m |
| Rated Unit Eta | 74 % |
| Rated Input Power | 3.09 kW |
| NPSHr | 2.5 m |
| Speed | 2900 rpm |
| Max impeller diameter | 136 mm |

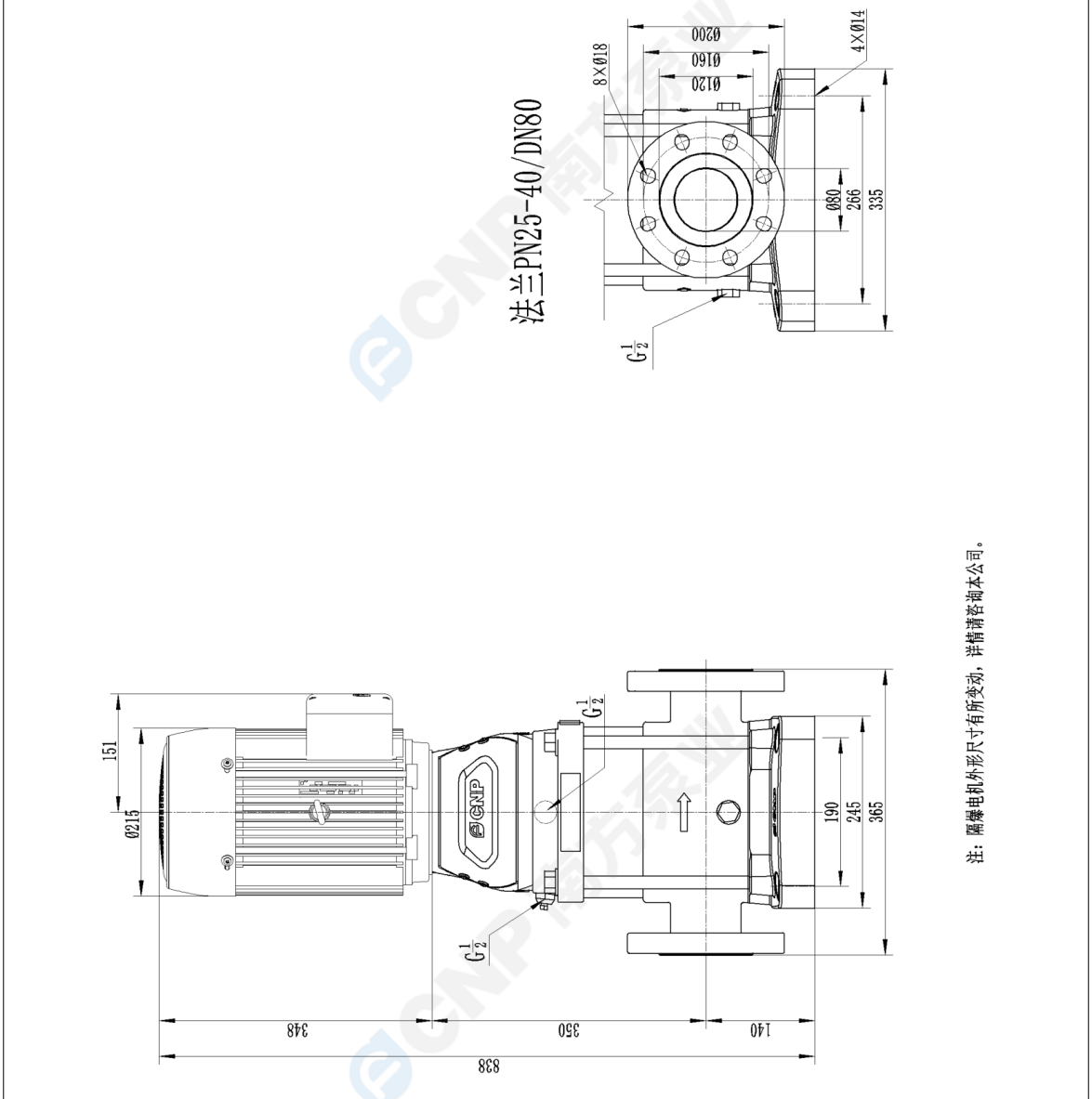
| **Medium** | |
|---|---|
| Pumped medium | water |
| Working temperature | 20 °C |
| Medium density | 1000 kg/m³ |
| Viscosity | 1 mm²/s |






The manufacturer may change the dimensions and specifications without notice.

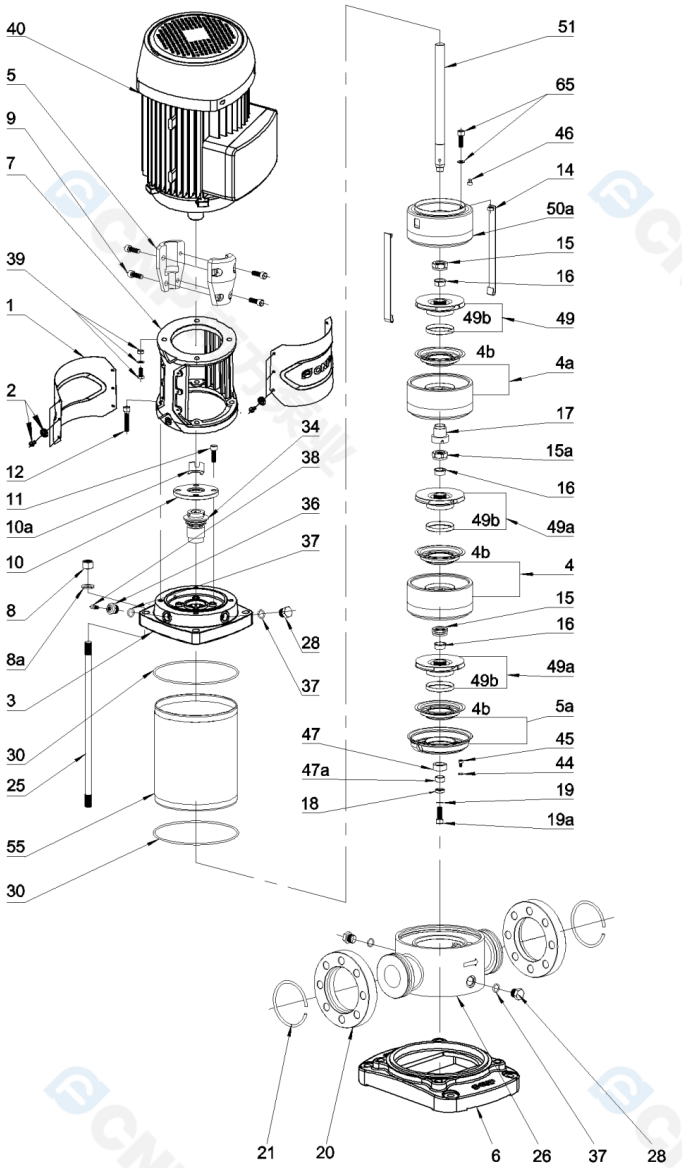
| | | | |
|---|---|---|---|
| CNP 南方泵业 | **Dimension Drawing**<br>**42 SS 1** | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/02 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Wepko |
| | | Contact | |






The manufacturer may change the dimensions and specifications without notice.

| | | | |
|---|---|---|---|
| CNP 南方泵业 | Expolded view<br>42 SS 1 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/02 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Wepko |
| | | Contact | |



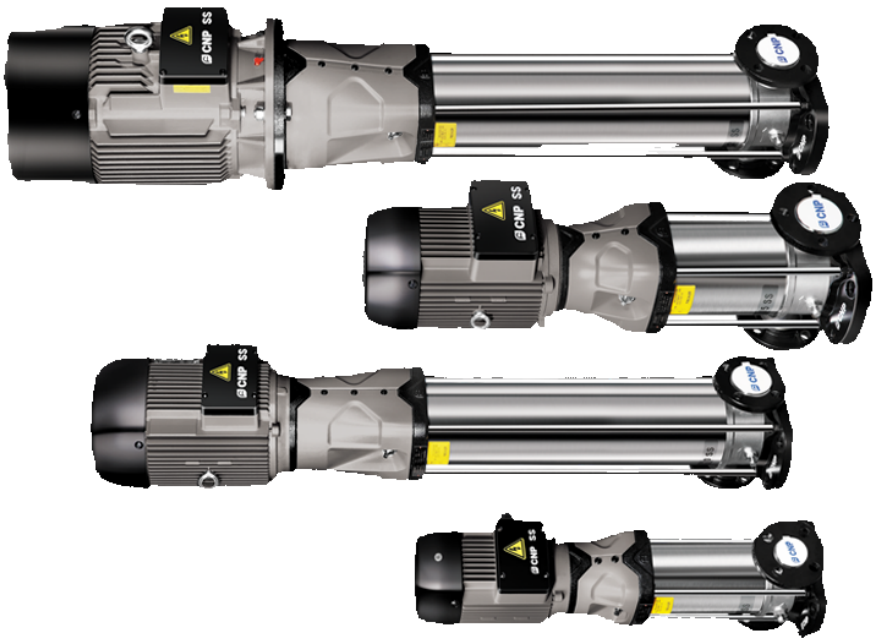

1、防护板
2、螺钉、塑料垫圈
3、泵头
4、导叶
(1级泵不存在)
4a、支撑导叶
(1、2级泵不存在)
4b、口环座组件
5、联轴器
5a、导流器
6、底座
7、支架
8、螺母M16
8a、垫圈16
9、螺钉
10、密封压盖
10a、调节片
11、螺钉
12、螺钉
14、拉带
15、叶轮螺母
15a、支撑螺母
(1、2级泵不存在)
16、锥套
17、中间轴套
(1、2级泵不存在)
18、压盖
19、垫圈
19a、螺钉M8×25-LH
20、法兰
21、卡环
25、拉杆
26、进出水段
28、螺堵
30、O形圈
34、机械密封
36、放气螺堵
37、O形圈16×2.8
38、放气螺栓
39、螺栓、垫圈、螺母
40、电机
44、垫圈6
45、螺钉M6×10
46、调节桩
47、下滑动轴承
47a、下轴套
49、小叶轮
49a、大叶轮
49b、口环套
50a、出水导叶
51、泵轴
55、耐压筒
65、螺钉M8×30、垫圈8

图1D 32, 42, 65 SS-200301



The manufacturer may change the dimensions and specifications without notice.

| | | | |
|---|---|---|---|
| CNP 南方泵业 | Physical picture<br>42 SS 1 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/02 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | Wepko |
| | | Contact | |





The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Order Data<br>42 SS 1 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/11/02 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | Wepko |
| | | Contact | |

| | |
|---|---|
| Pump model | 42 SS 1 |
| Part NO. | 1100226883 |
| Product price | |
| Quantity | 1 |
| Total price | |

Inquiry notes