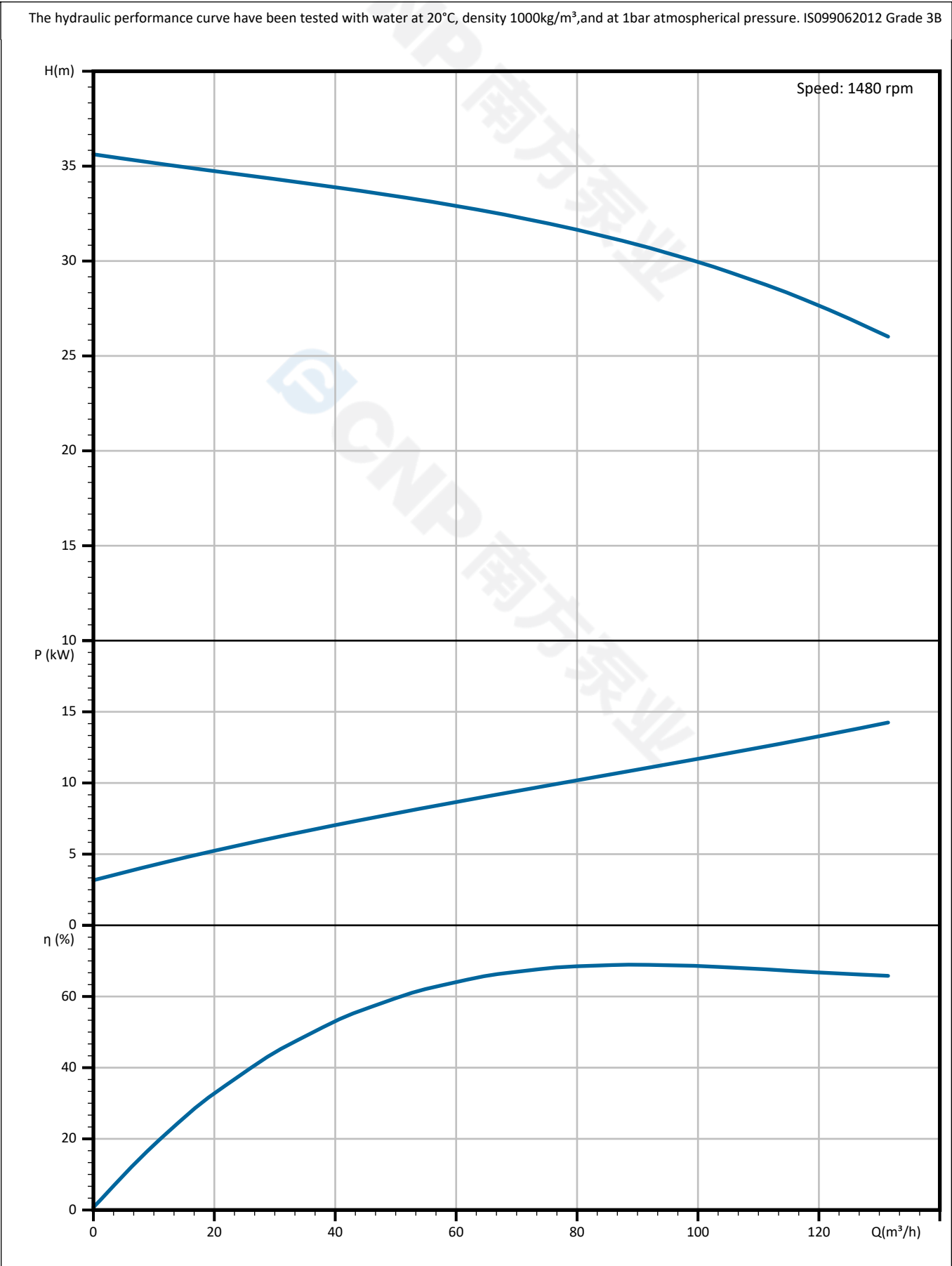


|                                                                                   |                                                         |              |                                     |
|-----------------------------------------------------------------------------------|---------------------------------------------------------|--------------|-------------------------------------|
|  | <b>Product Information</b><br><br><b>100ZW(F)100-30</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                   |                                                         | Address      | Hangzhou, Zhejiang, China           |
|                                                                                   |                                                         | Contact      | 86-571-88637351                     |
|                                                                                   |                                                         | Date         | 2025/07/09                          |
| <b>Project Name</b>                                                               |                                                         | Client Name  | WEPKO                               |
|                                                                                   |                                                         | Client Addr. |                                     |
| <b>Item NO</b>                                                                    |                                                         | Contacts     | Wepko                               |
|                                                                                   |                                                         | Contact      |                                     |

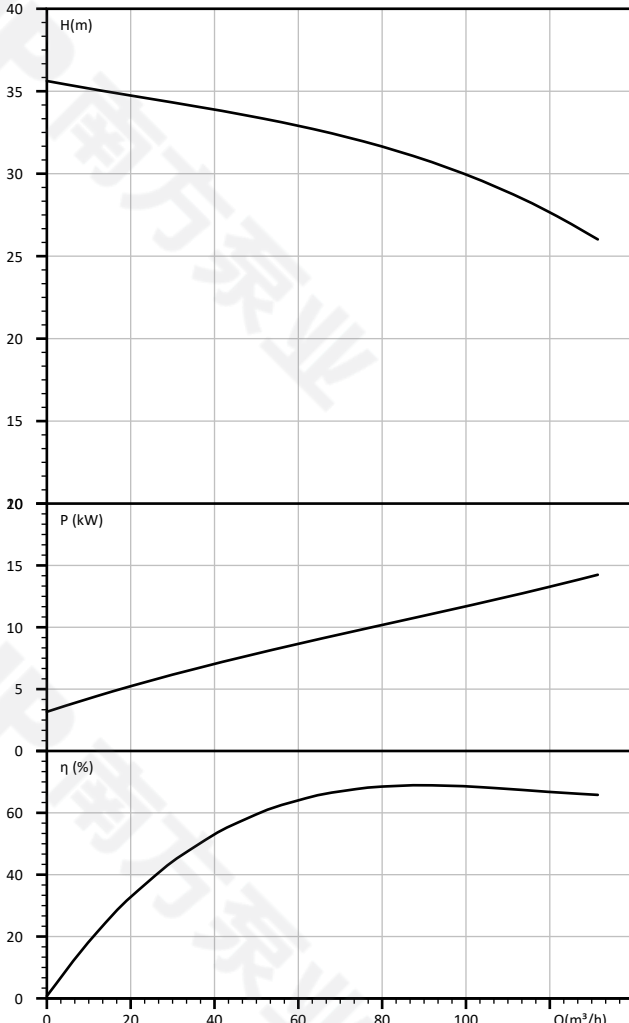
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1100308112                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Picture: (Note: Images may not be the same as the product)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Note                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>The ZW type non-clogging, self-priming sewage pump is a newly developed novel product. The pump adopts external sleeve coupled shaft structure, compact pump design, it has good self-priming ability, and high sewage draining performance. The products are suitable for a wide variety of applications including municipal wastewater drainage, river and pond aquaculture,light industry, paper industry, fiber and mixed suspension liquid conditon.</p> |
| <div> <div>Nameplate parameters</div> <div> <div>Flow</div> <div>100 m³/h</div> </div> <div> <div>Head</div> <div>30 m</div> </div> <div> <div>Efficiency</div> <div>60 %</div> </div> <div> <div>Speed</div> <div>1480 rpm</div> </div> </div> <div> <div>Technology</div> <div> <div>Pump rotator speed</div> <div>1480</div> </div> </div> <div> <div>Material</div> <div> <div>Impeller</div> <div>304</div> </div> </div> <div> <div>Installation</div> <div> <div>Maximum Operation Pressure</div> <div>0.36MPa</div> </div> <div> <div>Maximum Altitude</div> <div>1000M</div> </div> </div> <div> <div>Medium</div> <div> <div>Maximum diameter of particles (mm)</div> <div>20mm</div> </div> <div> <div>Medium PH Value</div> <div>4~12</div> </div> <div> <div>Medium Density</div> <div>≤1.2*103kg/m3</div> </div> <div> <div>Maximum Environment Temperature</div> <div>≤40°C</div> </div> <div> <div>Liquid Temperature Range</div> <div>0°C40°C</div> </div> </div> <div> <div>Structure dimension</div> <div> <div>Inlet Bore</div> <div>100mm</div> </div> <div> <div>Outlet Diameter</div> <div>80mm</div> </div> <div> <div>Expolded view</div> <div>ZW exploded view</div> </div> </div> <div> <div>Motor</div> <div> <div>Number of Motor Phase</div> <div>Three Phase</div> </div> <div> <div>Protection Class</div> <div>IP55</div> </div> <div> <div>Insulation Class</div> <div>F</div> </div> <div> <div>Motor Power(kW)</div> <div>15kW</div> </div> <div> <div>Power Frequency(Hz)</div> <div>50Hz</div> </div> <div> <div>Rated Voltage (V)</div> <div>380V</div> </div> <div> <div>Rated Current (A)</div> <div>28.8A</div> </div> <div> <div>Energy Efficiency Level</div> <div>IE3</div> </div> </div> <div> <div>Others</div> <div> <div>Weight of Pump</div> <div>375</div> </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                                                                                   |                                                       |              |                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------|--------------|-------------------------------------|
|  | <b>Performance Curve</b><br><br><b>100ZW(F)100-30</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                   |                                                       | Address      | Hangzhou, Zhejiang, China           |
|                                                                                   |                                                       | Contact      | 86-571-88637351                     |
|                                                                                   |                                                       | Date         | 2025/07/09                          |
| Project Name                                                                      |                                                       | Client Name  | WEPKO                               |
| Item NO                                                                           |                                                       | Client Addr. |                                     |
|                                                                                   |                                                       | Contacts     | Wepko                               |
|                                                                                   |                                                       | Contact      |                                     |



|                                                                                                   |                                                           |              |                                     |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Pump Technical Parameters</b><br><b>100ZW(F)100-30</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                                   |                                                           | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                   |                                                           | Contact      | 86-571-88637351                     |
|                                                                                                   |                                                           | Date         | 2025/07/09                          |
| <b>Project Name</b>                                                                               |                                                           | Client Name  | WEPKO                               |
|                                                                                                   |                                                           | Client Addr. |                                     |
| <b>Item NO</b>                                                                                    |                                                           | Contacts     | Wepko                               |
|                                                                                                   |                                                           | Contact      |                                     |

| Rated parameters           |                |
|----------------------------|----------------|
| Pump model                 | 100ZW(F)100-30 |
| Part NO.                   | 1100308112     |
| Rated flow                 | 100 m³/h       |
| Rated head                 | 30 m           |
| Rated efficiency           | 60 (%)         |
| Power (kW)                 | 13.6 kW        |
| Speed (rpm)                | 1480           |
| Max impeller diameter (mm) | 310            |
|                            |                |
| Medium                     |                |
| Pumped medium              | water          |
| Working temperature (°C)   | 20             |
| Medium density (kg/m³)     | 1000           |
| Viscosity (mm²/s)          | 1              |
|                            |                |



| Q (m³/h) | H (m) |
|----------|-------|
| 0        | 35.5  |
| 20       | 34.5  |
| 40       | 33.5  |
| 60       | 32.5  |
| 80       | 31.5  |
| 100      | 30.0  |
| 110      | 28.5  |
| 115      | 26.0  |

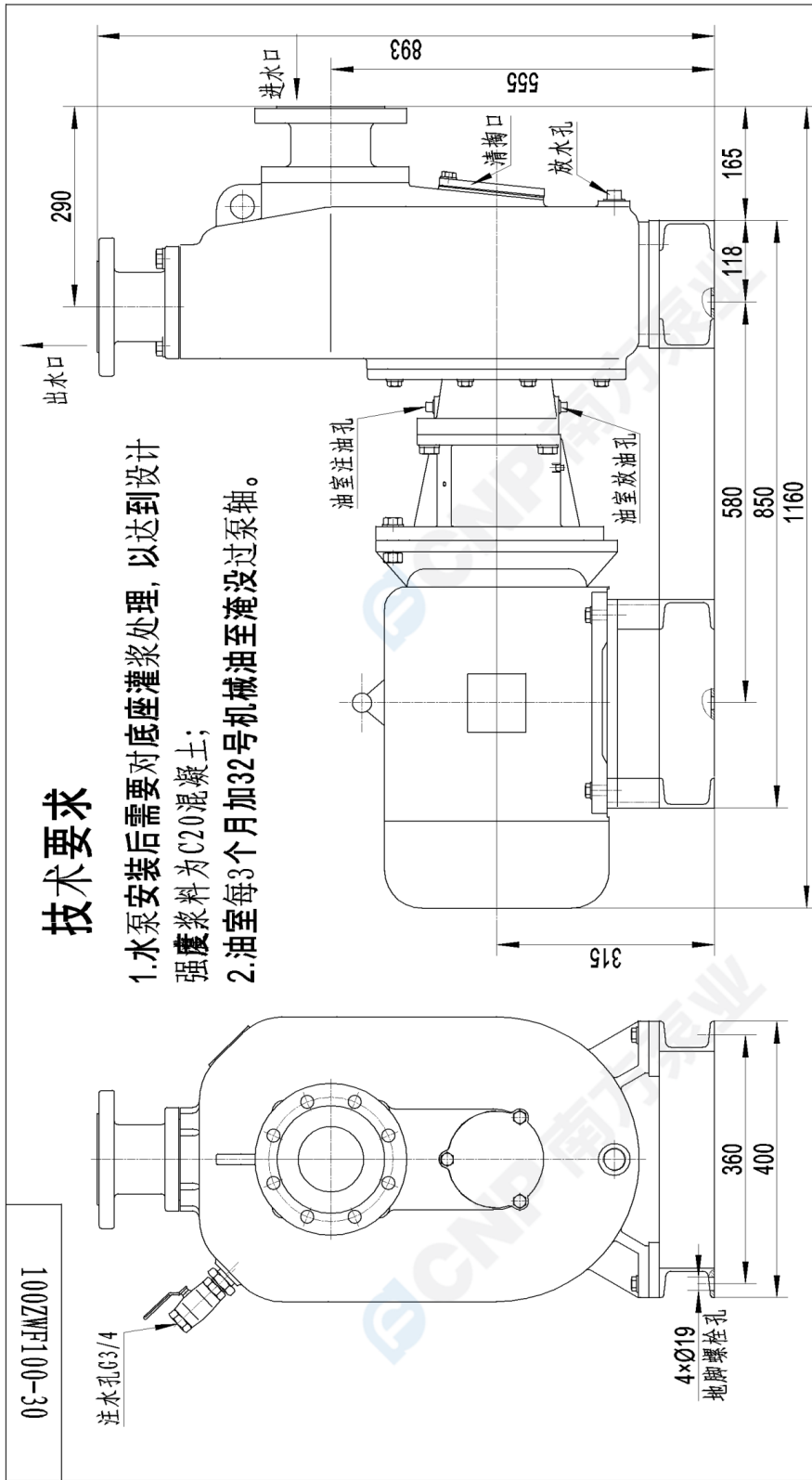
| Q (m³/h) | P (kW) |
|----------|--------|
| 0        | 3.5    |
| 20       | 5.5    |
| 40       | 7.5    |
| 60       | 9.5    |
| 80       | 11.5   |
| 100      | 13.5   |
| 110      | 14.5   |

| Q (m³/h) | η (%) |
|----------|-------|
| 0        | 0     |
| 20       | 35    |
| 40       | 55    |
| 60       | 65    |
| 80       | 68    |
| 100      | 68    |
| 110      | 65    |

|                                                                                            |                                     |              |                                     |
|--------------------------------------------------------------------------------------------|-------------------------------------|--------------|-------------------------------------|
|  CNP 南方泵业 | Dimension Drawing<br>100ZW(F)100-30 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                            |                                     | Address      | Hangzhou, Zhejiang, China           |
|                                                                                            |                                     | Contact      | 86-571-88637351                     |
|                                                                                            |                                     | Date         | 2025/07/09                          |
| Project Name                                                                               |                                     | Client Name  | WEPKO                               |
|                                                                                            |                                     | Client Addr. |                                     |
| Item NO                                                                                    |                                     | Contacts     | Wepko                               |
|                                                                                            |                                     | Contact      |                                     |

## 技术要求

- 水泵安装后需要对底座灌浆处理, 以达到设计强度  
灌浆料为C20混凝土;
- 油室每3个月加32号机械油至淹没过泵轴。



CNP 南方泵业

无堵塞自吸式排污泵

100ZWF100-30

## 安装尺寸图

|       |       |    |    |    |       |    |    |
|-------|-------|----|----|----|-------|----|----|
| 标记    | 设计    | 校核 | 审核 | 工艺 | 更改文件号 | 签字 | 日期 |
| 图样    | 设计    | 校核 | 审核 | 工艺 | 更改文件号 | 签字 | 日期 |
| 比例    | 1:8   |    |    |    |       |    |    |
| 重量    | 365kg |    |    |    |       |    |    |
| 共 1 页 |       |    |    |    |       |    |    |

|      |                |      |            |
|------|----------------|------|------------|
| 型号   | 100ZWF100-30   | 自吸高度 | 4.5m       |
| 额定流量 | 100m³/h        | 进口法兰 | DN100/PN10 |
| 额定扬程 | 30m            | 出口法兰 | DN80/PN10  |
| 电机功率 | 15kW-1480r/min | 法兰标准 | GB/T9113   |
| 静载荷  | 430kg          | 动载荷  | 500kg      |
| 地脚螺栓 | 4-M16×400      | 联轴器  | /          |

描图

描校

旧底图总号

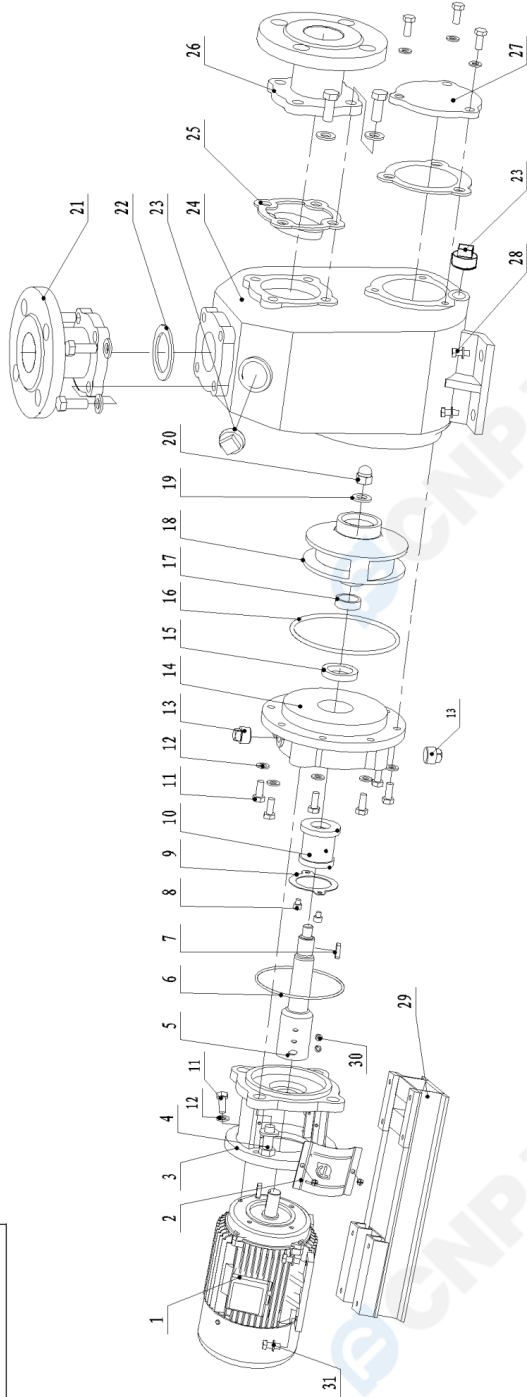
底图总号

签字

日期

|                     |                                 |              |                                     |
|---------------------|---------------------------------|--------------|-------------------------------------|
| <div>CNP 南方泵业</div> | Explosed view<br>100ZW(F)100-30 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                     |                                 | Address      | Hangzhou, Zhejiang, China           |
|                     |                                 | Contact      | 86-571-88637351                     |
|                     |                                 | Date         | 2025/07/09                          |
| Project Name        |                                 | Client Name  | WEPKO                               |
|                     |                                 | Client Addr. |                                     |
| Item NO             |                                 | Contacts     | Wepko                               |
|                     |                                 | Contact      |                                     |

(F) WZ



- 1.Motor 2.Protect board 3.Pump head 4.Bolts、Gaskets 5.Pump shaft 6.O-ring 7.Key 8.Screw 9.Static ring holder ring  
10.Mechanical seal 11.Blot 12.Gasket 13.Screw plug 14.Pump cover 15.Skeleton oil seal(≥ 5.5kW:Journal bearing) 16.o-ring  
17.Shaft sleeve 18.Impeller 19.Impeller gasket 20.Impeller nut 21.Outlet flange 22.Outlet flange gasket 23.Screw plug(spherical valve)  
24.Pump body 25.Inlet valve plate 26.Inlet flange 27.Drainage cover 28.Bolts、Gaskets 29.Base 30.Screw 31.Bolts、Gaskets

CNP 南方泵业

爆炸图

无堵塞自吸式排污泵

ZW (F)

|      |       |    |    |
|------|-------|----|----|
| 标记处数 | 更改文件名 | 签字 | 日期 |
| 设计   | 标准化   |    |    |
| 校对   | 审定    |    |    |
| 审核   |       | 日期 |    |
| 工艺   |       |    |    |

|       |       |       |
|-------|-------|-------|
| 图样标记  | 重量    | 比例    |
| A     |       | 1:1.5 |
| 共 1 页 | 第 1 页 |       |

|       |
|-------|
| 描图    |
| 描校    |
| 旧底图总号 |
| 底图总号  |
| 签字    |
| 日期    |

|                                                                                                   |                                                  |              |                                     |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Physical picture</b><br><b>100ZW(F)100-30</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                                   |                                                  | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                   |                                                  | Contact      | 86-571-88637351                     |
|                                                                                                   |                                                  | Date         | 2025/07/09                          |
|                                                                                                   |                                                  | Client Name  | WEPKO                               |
| Project Name                                                                                      |                                                  | Client Addr. |                                     |
| Item NO                                                                                           |                                                  | Contacts     | Wepko                               |
|                                                                                                   |                                                  | Contact      |                                     |



|                                                                                                   |                                            |              |                                     |
|---------------------------------------------------------------------------------------------------|--------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Order Data</b><br><b>100ZW(F)100-30</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                                   |                                            | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                   |                                            | Contact      | 86-571-88637351                     |
|                                                                                                   |                                            | Date         | 2025/07/09                          |
|                                                                                                   |                                            | Client Name  | WEPKO                               |
| <b>Project Name</b>                                                                               |                                            | Client Addr. |                                     |
| <b>Item NO</b>                                                                                    |                                            | Contacts     | Wepko                               |
|                                                                                                   |                                            | Contact      |                                     |

Pump model                    100ZW(F)100-30  
Part NO.                        1100308112  
Product price  
Quantity                        1  
Total price

Inquiry notes