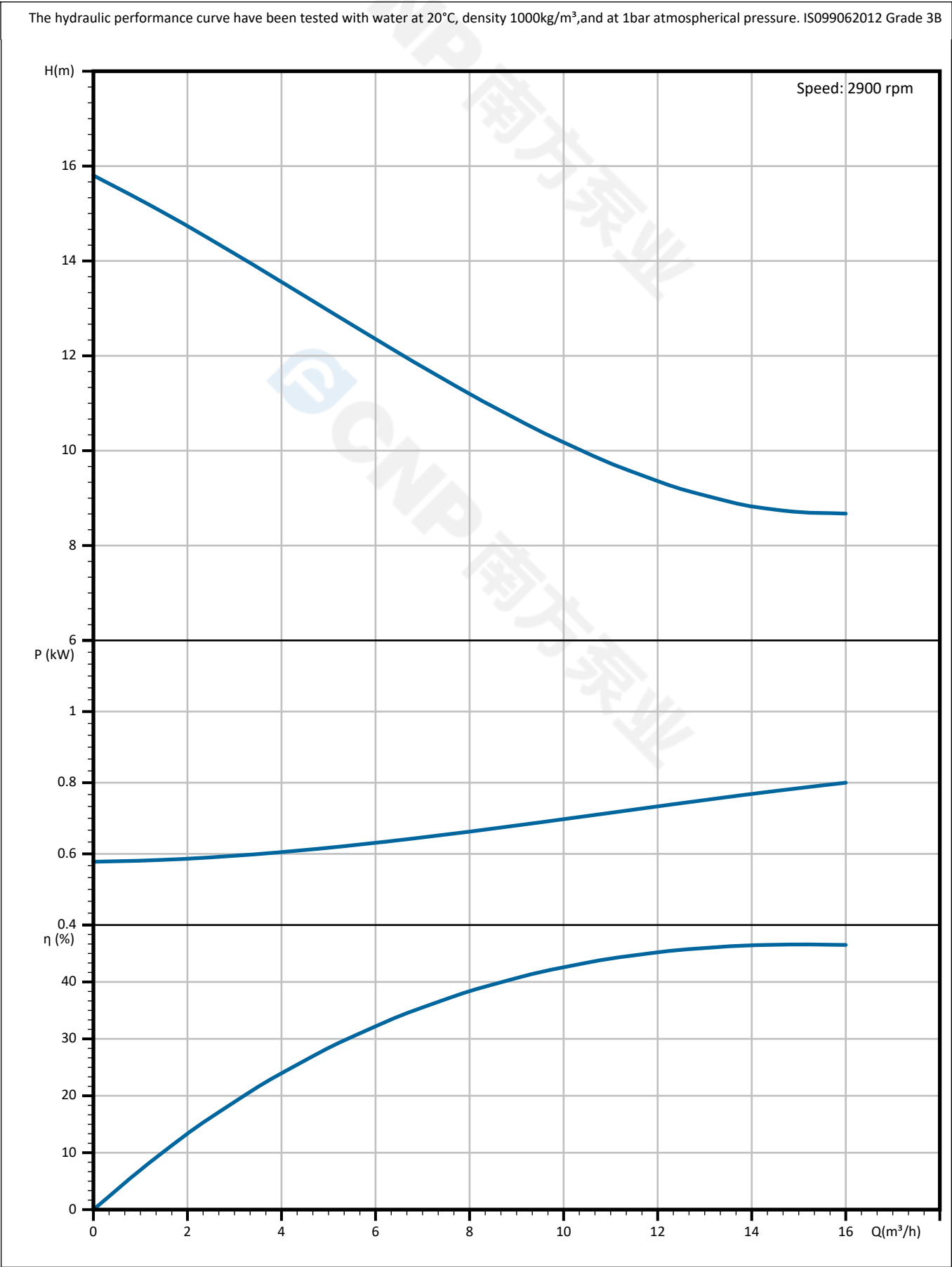


|                                                                                   |                                                       |              |                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------|--------------|-------------------------------------|
|  | <b>Product Information</b><br><br><b>40ZW(F)10-10</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     |                                     |
|                                                                                   |                                                       | Contact      |                                     |

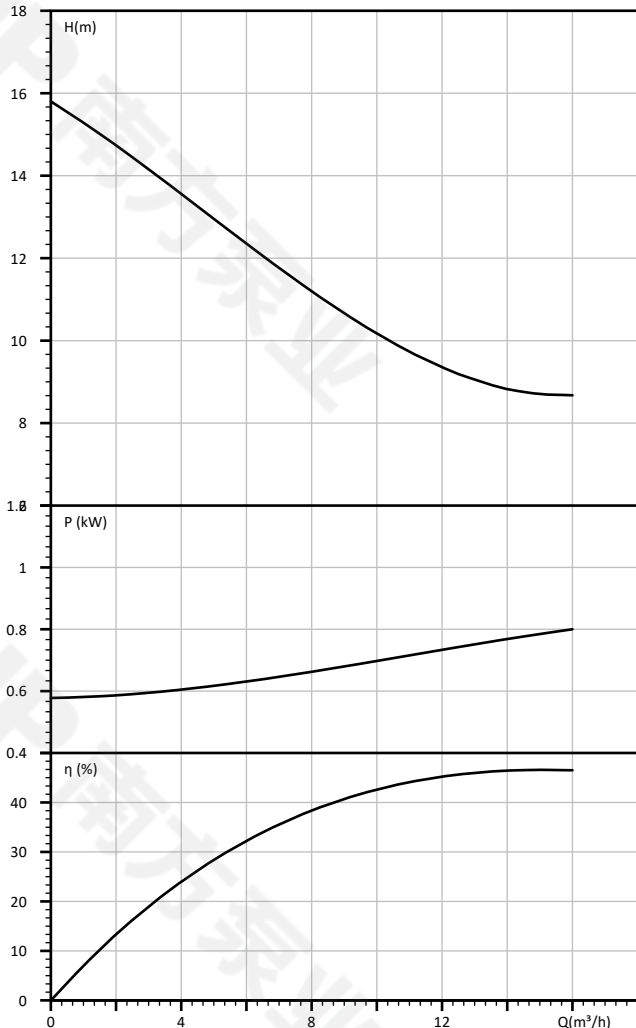
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1100270111                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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>10 m³/h</div> </div> <div> <div>Head</div> <div>10 m</div> </div> <div> <div>Efficiency</div> <div>42 %</div> </div> <div> <div>Speed</div> <div>2900 rpm</div> </div> </div> <div> <div>Technology</div> <div> <div>Pump rotator speed</div> <div>2900</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>0.17MPa</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>8mm</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>40mm</div> </div> <div> <div>Outlet Diameter</div> <div>32mm</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>1.1kW</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>2.4A</div> </div> <div> <div>Energy Efficiency Level</div> <div>IE3</div> </div> </div> <div> <div>Others</div> <div> <div>Weight of Pump</div> <div>73</div> </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                                                                                   |                                                     |              |                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|--------------|-------------------------------------|
|  | <b>Performance Curve</b><br><br><b>40ZW(F)10-10</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     |                                     |
|                                                                                   |                                                     | Contact      |                                     |



|                                                                                                   |                                                         |              |                                     |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Pump Technical Parameters</b><br><b>40ZW(F)10-10</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     |                                     |
|                                                                                                   |                                                         | Contact      |                                     |

| Rated parameters           |              |
|----------------------------|--------------|
| Pump model                 | 40ZW(F)10-10 |
| Part NO.                   | 1100270111   |
| Rated flow                 | 10 m³/h      |
| Rated head                 | 10 m         |
| Rated efficiency           | 42 (%)       |
| Power (kW)                 | 0.649 kW     |
| Speed (rpm)                | 2900         |
| Max impeller diameter (mm) | 110          |
|                            |              |
| Medium                     |              |
| Pumped medium              | water        |
| Working temperature (°C)   | 20           |
| Medium density (kg/m³)     | 1000         |
| Viscosity (mm²/s)          | 1            |
|                            |              |



| Q (m³/h) | H (m) |
|----------|-------|
| 0        | 16.0  |
| 2        | 14.5  |
| 4        | 13.0  |
| 6        | 11.5  |
| 8        | 10.0  |
| 10       | 8.8   |
| 12       | 8.2   |
| 14       | 8.0   |
| 15       | 8.0   |

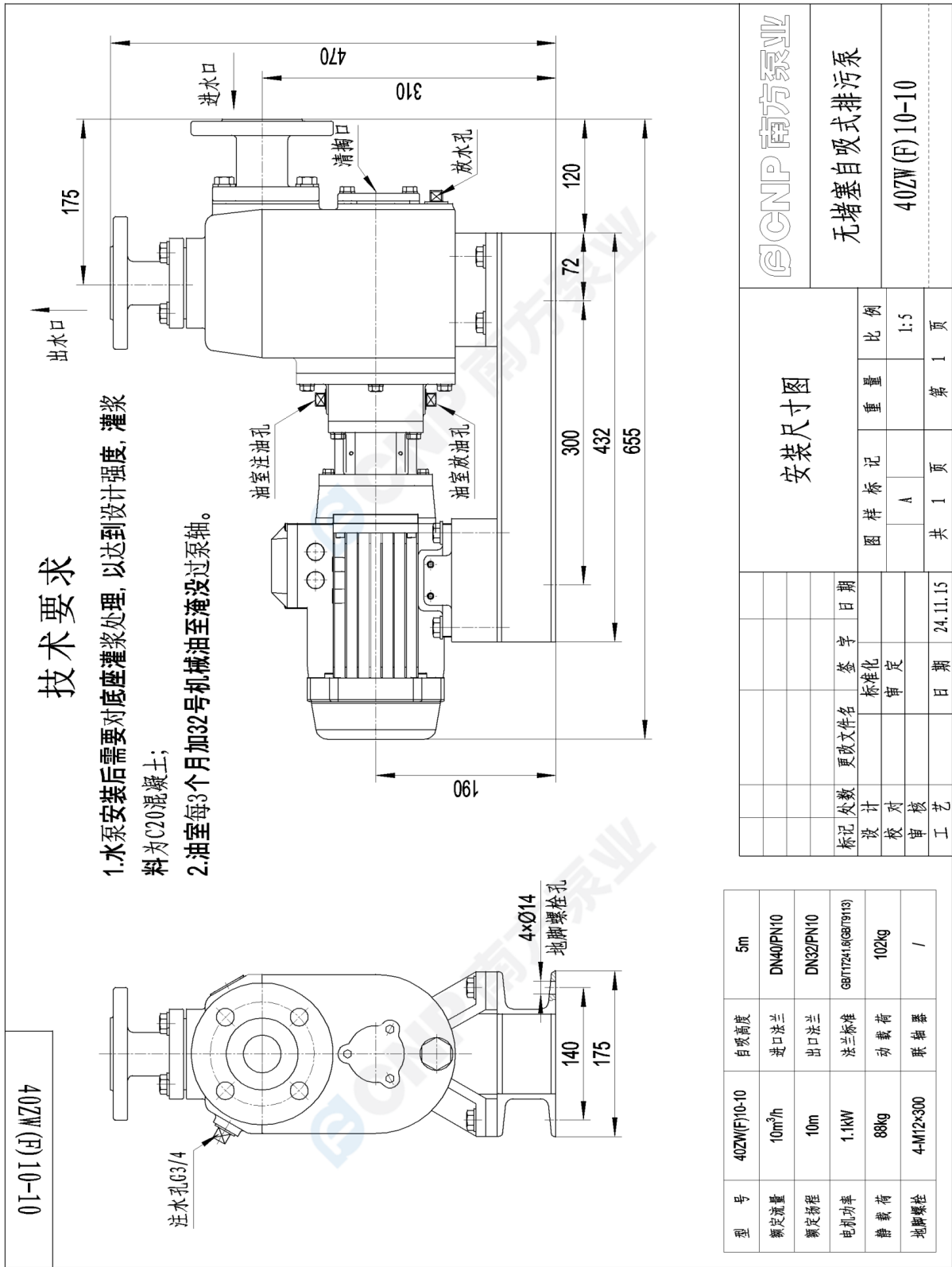
| Q (m³/h) | P (kW) |
|----------|--------|
| 0        | 0.58   |
| 2        | 0.59   |
| 4        | 0.61   |
| 6        | 0.64   |
| 8        | 0.68   |
| 10       | 0.72   |
| 12       | 0.76   |
| 14       | 0.79   |
| 15       | 0.80   |

| Q (m³/h) | η (%) |
|----------|-------|
| 0        | 0     |
| 2        | 12    |
| 4        | 24    |
| 6        | 32    |
| 8        | 38    |
| 10       | 42    |
| 12       | 44    |
| 14       | 45    |
| 15       | 45    |

|                     |                                   |              |                                     |
|---------------------|-----------------------------------|--------------|-------------------------------------|
| <div>CNP 南方泵业</div> | Dimension Drawing<br>40ZW(F)10-10 | 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     |                                     |
|                     |                                   | Contact      |                                     |

## 技术要求

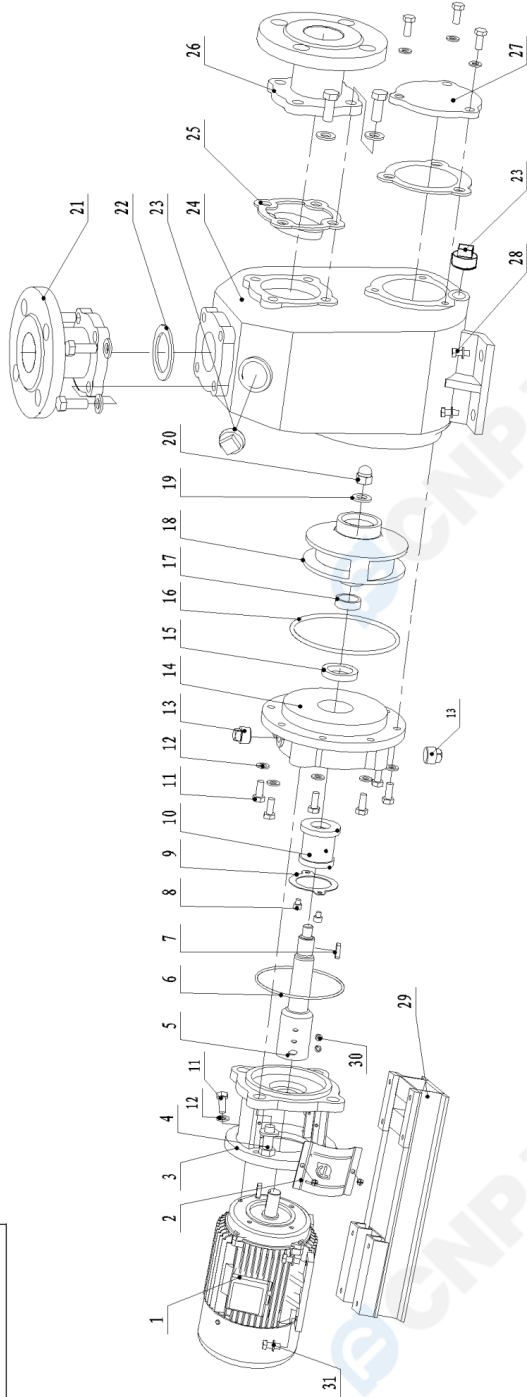
- 水泵安装后需要对底座灌浆处理, 以达到设计强度, 灌浆料为C20混凝土;
- 油室每3个月加32号机械油至淹没过泵轴。



|       |  |
|-------|--|
| 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>40ZW(F)10-10 | 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     |                                     |
|                     |                               | 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>40ZW(F)10-10</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     |                                     |
|                                                                                                   |                                                | Contact      |                                     |



|                                                                                                   |                                          |              |                                     |
|---------------------------------------------------------------------------------------------------|------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Order Data</b><br><b>40ZW(F)10-10</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     |                                     |
|                                                                                                   |                                          | Contact      |                                     |

Pump model                      40ZW(F)10-10

Part NO.                              1100270111

Product price

Quantity                              1

Total price

Inquiry notes