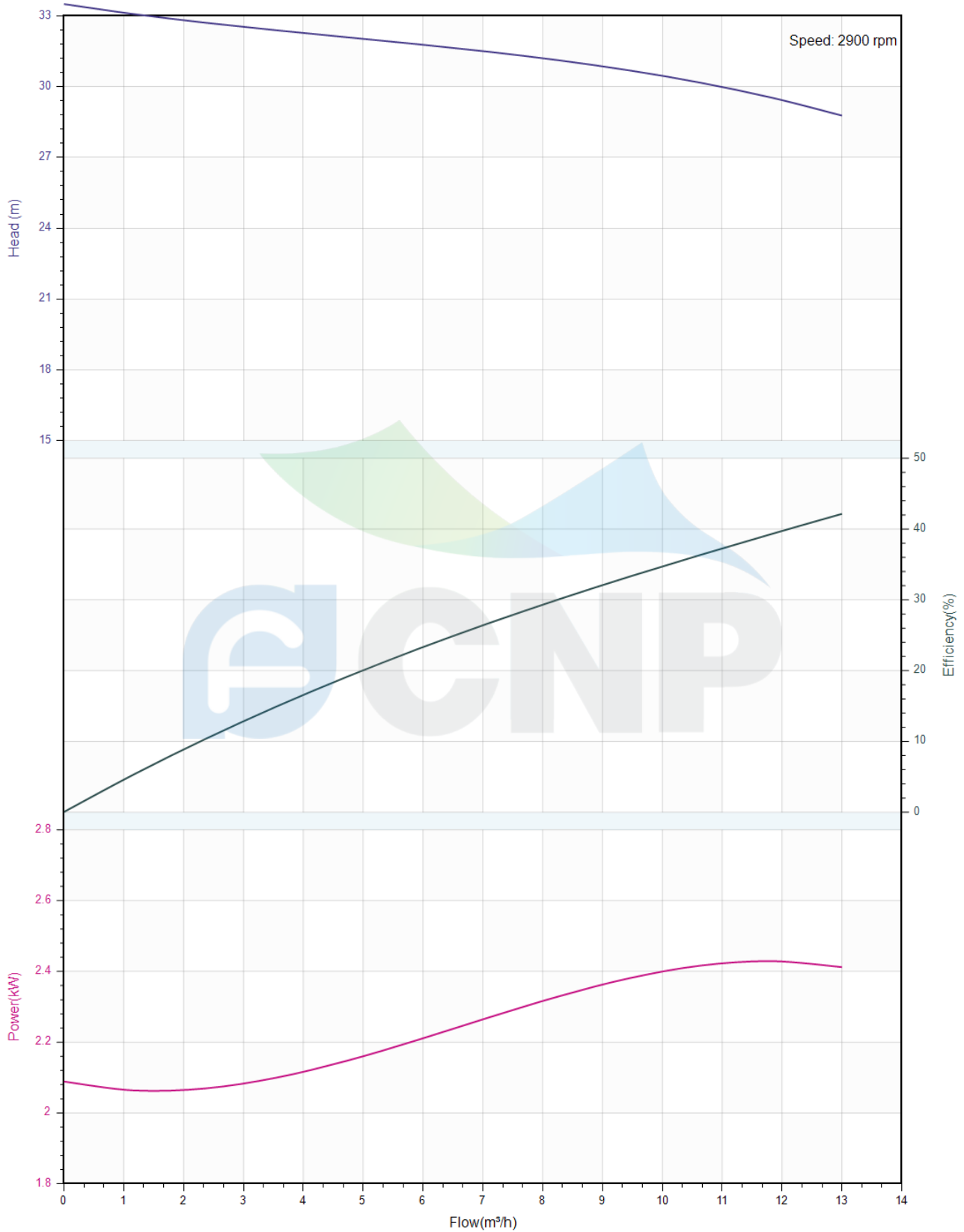


|                                                                                  |                                                   |              |                                      |
|----------------------------------------------------------------------------------|---------------------------------------------------|--------------|--------------------------------------|
|  | <b>Product Information</b><br><b>32ZW(F)10-30</b> | Manufacturer | CNP                                  |
|                                                                                  |                                                   | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                                   | Contact      | 86-571-88637351                      |
|                                                                                  |                                                   | Date         | 2022/03/09                           |
|                                                                                  |                                                   | Client Name  | DPA                                  |
| <b>Project Name</b>                                                              |                                                   | Client Addr. |                                      |
| <b>Item NO</b>                                                                   |                                                   | Contacts     | Alireza                              |
|                                                                                  |                                                   | Contact      |                                      |

|                                                                                                                                                                                                                                |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Part NO.                                                                                                                                                                                                                       | 1100193706 |
| Product Picture                                                                                                                                                                                                                | Note       |
|                                                                                                                                               | ZW         |
| <b>technology</b><br>Pump rotator speed 2900                                                                                                                                                                                   |            |
| <b>Material</b><br>Impeller HT200                                                                                                                                                                                              |            |
| <b>Installation</b><br>Maximum Operation Pressure 0.33MPa<br>Maximum Altitude 1000M                                                                                                                                            |            |
| <b>Medium</b><br>Maximum diameter of partic 9.6mm<br>Medium PH Value 5~9<br>Medium Density $\leq 1.2 \times 103 \text{kg/m}^3$<br>Maximum Environment Temper $\leq 40$<br>Liquid Temperature Range 040                         |            |
| <b>Structure dimension</b><br>Inlet Bore 32mm<br>Outlet Diameter 32mm                                                                                                                                                          |            |
| <b>Motor</b><br>Number of Motor Phase Three Phase<br>Protection Class IP55<br>Insulation Class F<br>Motor Power 3kw<br>Power Frequency 50HZ<br>Rated Voltage (V) 380V<br>Rated Current (A) 6.0A<br>Energy Efficiency Level IE3 |            |
| <b>Others</b><br>Weight of Pump 92                                                                                                                                                                                             |            |

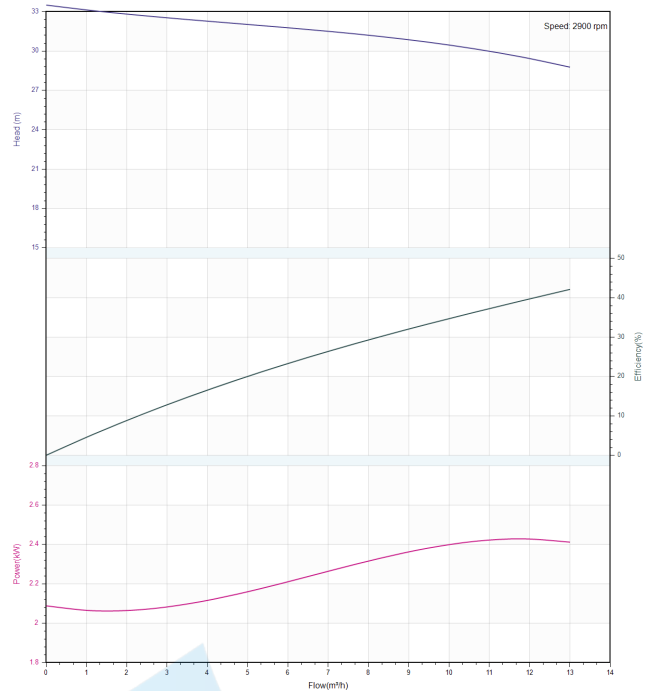
|                                                                                  |                                                 |              |                                      |
|----------------------------------------------------------------------------------|-------------------------------------------------|--------------|--------------------------------------|
|  | <b>Performance Curve</b><br><b>32ZW(F)10-30</b> | Manufacturer | CNP                                  |
|                                                                                  |                                                 | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                                 | Contact      | 86-571-88637351                      |
|                                                                                  |                                                 | Date         | 2022/03/09                           |
|                                                                                  |                                                 | Client Name  | DPA                                  |
| Project Name                                                                     |                                                 | Client Addr. |                                      |
| Item NO                                                                          |                                                 | Contacts     | Alireza                              |
|                                                                                  |                                                 | Contact      |                                      |

The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospheric pressure. ISO9906:2012 Grade 3B



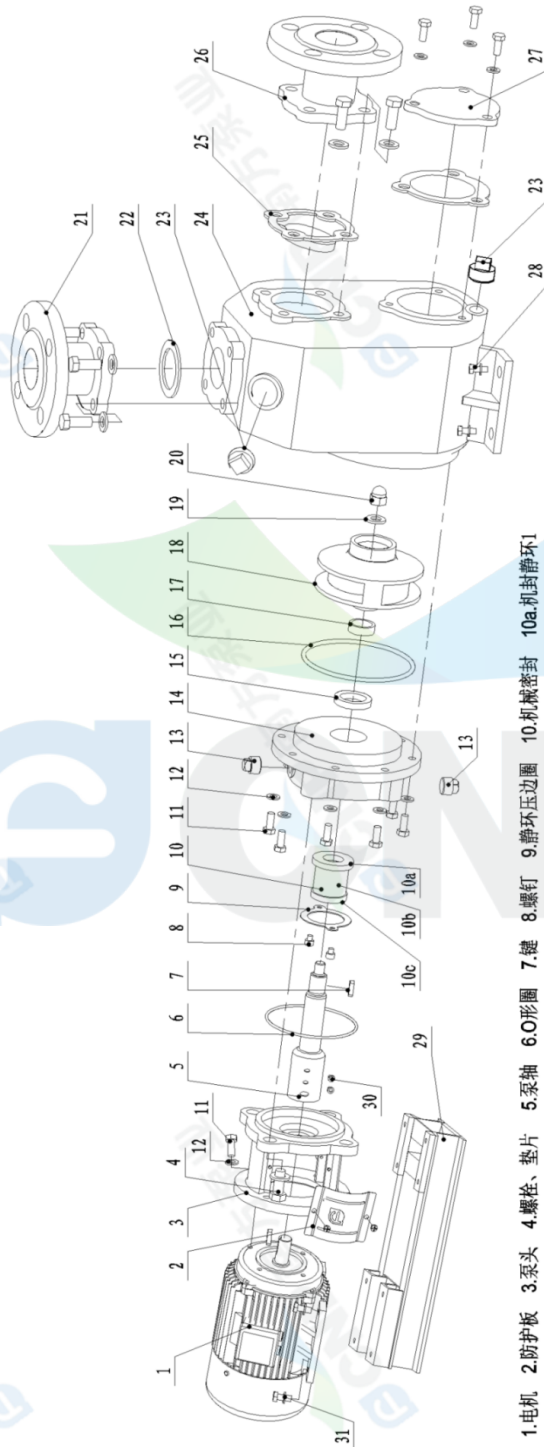
|                                                                                  |                                                         |              |                                      |
|----------------------------------------------------------------------------------|---------------------------------------------------------|--------------|--------------------------------------|
|  | <b>Pump Technical Parameters</b><br><b>32ZW(F)10-30</b> | Manufacturer | CNP                                  |
|                                                                                  |                                                         | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                                         | Contact      | 86-571-88637351                      |
|                                                                                  |                                                         | Date         | 2022/03/09                           |
| Project Name                                                                     |                                                         | Client Name  | DPA                                  |
| Item NO                                                                          |                                                         | Client Addr. |                                      |
|                                                                                  |                                                         | Contacts     | Alireza                              |
|                                                                                  |                                                         | Contact      |                                      |

| Rated parameters                    |              |
|-------------------------------------|--------------|
| Pump model                          | 32ZW(F)10-30 |
| Part NO.                            | 1100193706   |
| Rated flow (m <sup>3</sup> /h)      | 10           |
| Rated head (m)                      | 30           |
| Rated efficiency (%)                | 35           |
| Power (kW)                          | 2.336        |
| Speed (rpm)                         | 2900         |
| Max impeller diameter (mm)          | 160          |
| Medium                              |              |
| Pumped medium                       | Clean Water  |
| Working temperature (°C)            | 20           |
| Medium density (kg/m <sup>3</sup> ) | 1000         |
| Viscosity (mm <sup>2</sup> /s)      | 1            |



|                                                                                  |                                   |              |                                      |
|----------------------------------------------------------------------------------|-----------------------------------|--------------|--------------------------------------|
|  | Structure picture<br>32ZW(F)10-30 | Manufacturer | CNP                                  |
|                                                                                  |                                   | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                   | Contact      | 86-571-88637351                      |
|                                                                                  |                                   | Date         | 2022/03/09                           |
|                                                                                  |                                   | Client Name  | DPA                                  |
| Project Name                                                                     |                                   | Client Addr. |                                      |
| Item NO                                                                          |                                   | Contacts     | Alireza                              |
|                                                                                  |                                   | Contact      |                                      |

(B) 图



- 1.电机 2.防护板 3.泵头 4.螺栓、垫片 5.泵轴 6.O形圈 7.键 8.螺钉 9.静环压边圈 10.机械密封 10a.机械密封环1  
10b.机械密封组件 10c.机械密封环2 11.螺栓 12.垫片 13.螺母 14.泵盖 15.骨架油封(≥5.5KW: 滑动轴承) 16.O形圈 17.轴套 18.叶轮  
19.叶轮垫片 20.叶轮螺母 21.出口法兰 22.出口法兰垫 23.螺母 24.泵体 25.进口法兰 26.排污盖 27.排污盖 28.螺栓、垫片 29.底座  
30.螺钉 31.螺栓、垫片

描 图  
描 校  
旧版图号  
版图总号  
套 号  
日 期

CNP 南方泵业

爆炸图

无堵塞自吸式排污泵

ZW (F)

|         |     |     |
|---------|-----|-----|
| 图 样 标 记 | 重 量 | 比 例 |
|         |     | 1:1 |

|         |           |     |     |
|---------|-----------|-----|-----|
| 标 记 处 数 | 更 改 文 件 名 | 签 字 | 日 期 |
| 设 计     | 校 对       | 审 定 |     |
| 校 核     | 工 艺       | 日 期 |     |

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