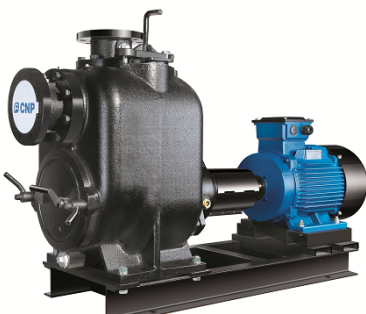


|                                                                                  |                                                 |              |                                      |
|----------------------------------------------------------------------------------|-------------------------------------------------|--------------|--------------------------------------|
|  | <b>Product Information</b><br><b>SP-3(1450)</b> | Manufacturer | CNP                                  |
|                                                                                  |                                                 | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                                 | Contact      | 86-571-88637351                      |
|                                                                                  |                                                 | Date         | 2022/03/08                           |
| Project Name                                                                     |                                                 | Client Name  | DPA                                  |
|                                                                                  |                                                 | Client Addr. |                                      |
| Item NO                                                                          |                                                 | Contacts     | Alireza                              |
|                                                                                  |                                                 | Contact      |                                      |

|          |            |
|----------|------------|
| Part NO. | 1100061703 |
|----------|------------|

|                                                                                   |                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Picture                                                                   | Note                                                                                                                                                                                                                                 |
|  | <p>Single-stage non-clogging self-priming sewage pump with open impeller structure and non-clogging design, axial suction and radial discharge. Using the pull-type structure, maintenance without removing the pump and piping.</p> |

#### technology

|                     |      |
|---------------------|------|
| Pump rotator speed  | 1450 |
| Nameplate standards | CE   |

#### Material

|             |          |
|-------------|----------|
| Impeller    | QT400-18 |
| Rubber code | P        |

#### Installation

|                            |         |
|----------------------------|---------|
| Maximum Operation Pressure | 0.32MPa |
| Maximum Altitude           | 1000M   |

#### Medium

|                            |               |
|----------------------------|---------------|
| Maximum diameter of partic | 63mm          |
| Medium PH Value            | 5~9           |
| Medium Density             | ≤1.2*103kg/m3 |
| Maximum Environment Temper | ≤40           |
| Liquid Temperature Range   | 040           |

#### Structure dimension

|                 |      |
|-----------------|------|
| Inlet Bore      | 80mm |
| Outlet Diameter | 80mm |

#### Motor

|                         |             |
|-------------------------|-------------|
| Number of Motor Phase   | Three Phase |
| Protection Class        | IP55        |
| Insulation Class        | F           |
| Motor Power             | 5.5kw       |
| Power Frequency         | 50HZ        |
| Rated Voltage (V)       | 380V        |
| Rated Current (A)       | 10.9A       |
| Energy Efficiency Level | IE2         |

#### Seal

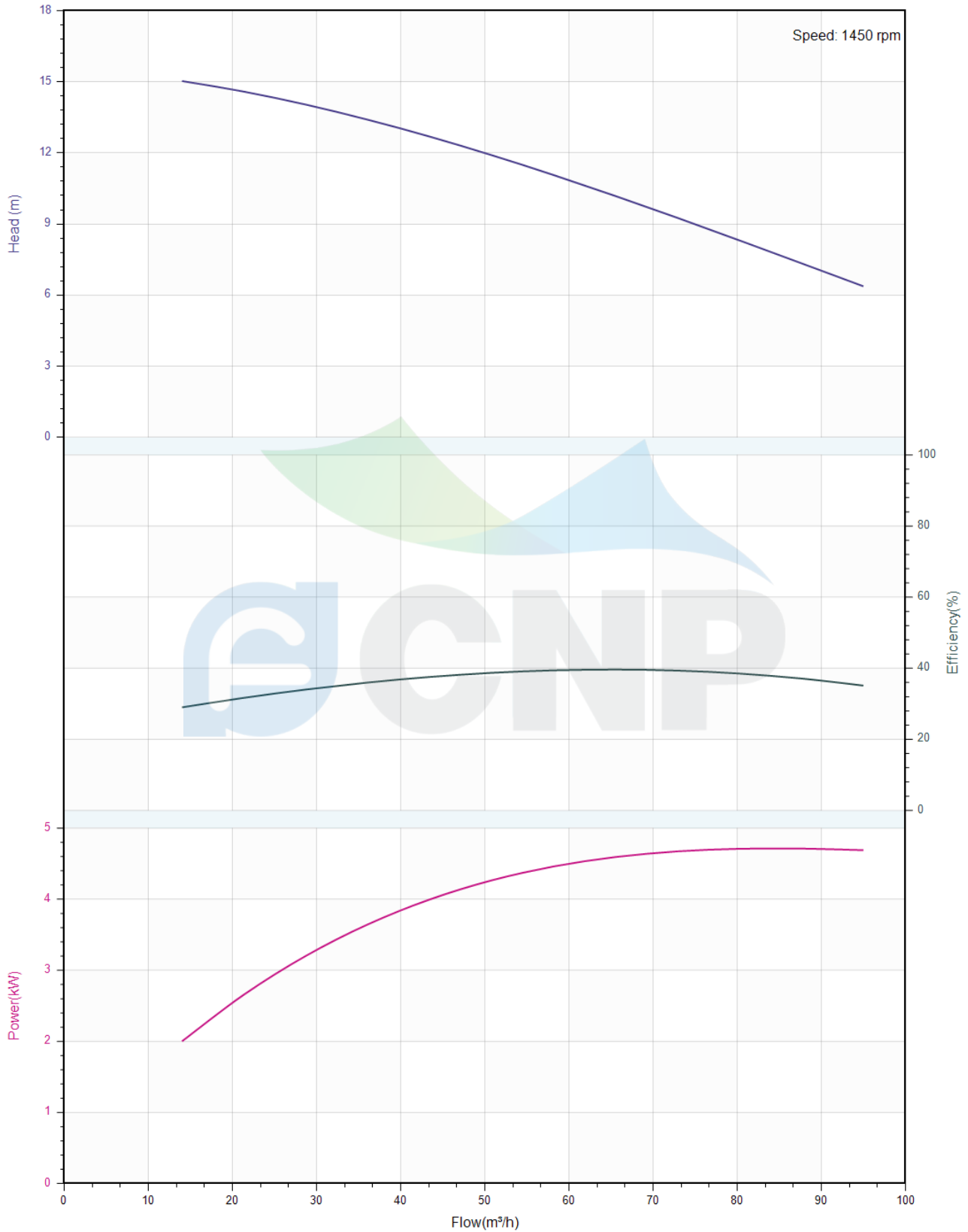
|                 |                |
|-----------------|----------------|
| Mechanical Seal | SP-1 1/2/WWF14 |
|-----------------|----------------|

#### Others

|                |     |
|----------------|-----|
| Weight of Pump | 190 |
|----------------|-----|

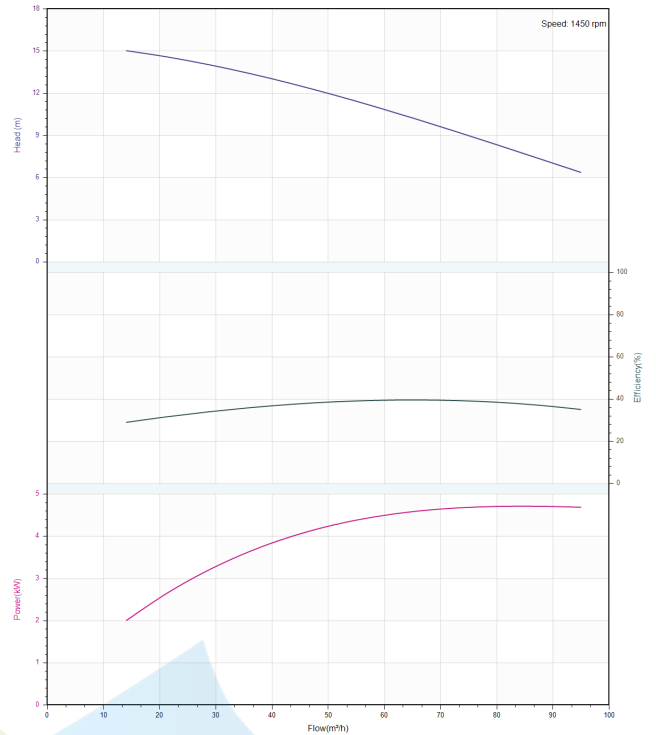
|                                                                                  |                                               |              |                                      |
|----------------------------------------------------------------------------------|-----------------------------------------------|--------------|--------------------------------------|
|  | <b>Performance Curve</b><br><b>SP-3(1450)</b> | Manufacturer | CNP                                  |
|                                                                                  |                                               | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                               | Contact      | 86-571-88637351                      |
|                                                                                  |                                               | Date         | 2022/03/08                           |
| Project Name                                                                     |                                               | Client Name  | DPA                                  |
|                                                                                  |                                               | Client Addr. |                                      |
| Item NO                                                                          |                                               | Contacts     | Alireza                              |
|                                                                                  |                                               | Contact      |                                      |

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

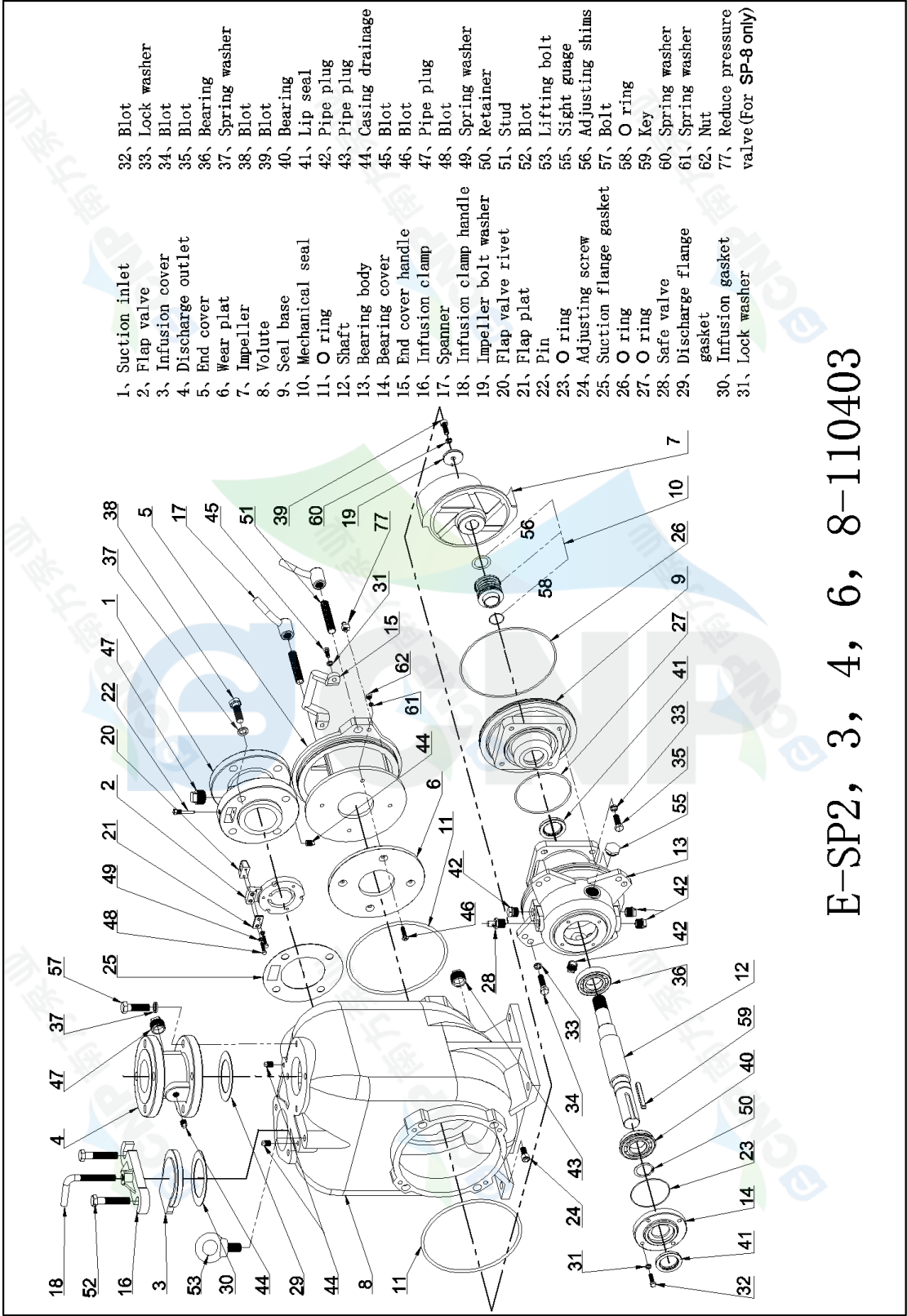


|                                                                                  |                                                       |              |                                      |
|----------------------------------------------------------------------------------|-------------------------------------------------------|--------------|--------------------------------------|
|  | <b>Pump Technical Parameters</b><br><b>SP-3(1450)</b> | Manufacturer | CNP                                  |
|                                                                                  |                                                       | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                                       | Contact      | 86-571-88637351                      |
|                                                                                  |                                                       | Date         | 2022/03/08                           |
| Project Name                                                                     |                                                       | Client Name  | DPA                                  |
| Item NO                                                                          |                                                       | Client Addr. |                                      |
|                                                                                  |                                                       | Contacts     | Alireza                              |
|                                                                                  |                                                       | Contact      |                                      |

| Rated parameters           |             |
|----------------------------|-------------|
| Pump model                 | SP-3(1450)  |
| Part NO.                   | 1100061703  |
| Rated flow (m³/h)          | 55          |
| Rated head (m)             | 11.5        |
| Rated efficiency (%)       | 40.3        |
| Power (kW)                 | 4.28        |
| NPSHr (m)                  | 3.6         |
| Speed (rpm)                | 1450        |
| Max impeller diameter (mm) | 225         |
| Medium                     |             |
| Pumped medium              | Clean Water |
| Working temperature (°C)   | 20          |
| Medium density (kg/m³)     | 1000        |
| Viscosity (mm²/s)          | 1           |

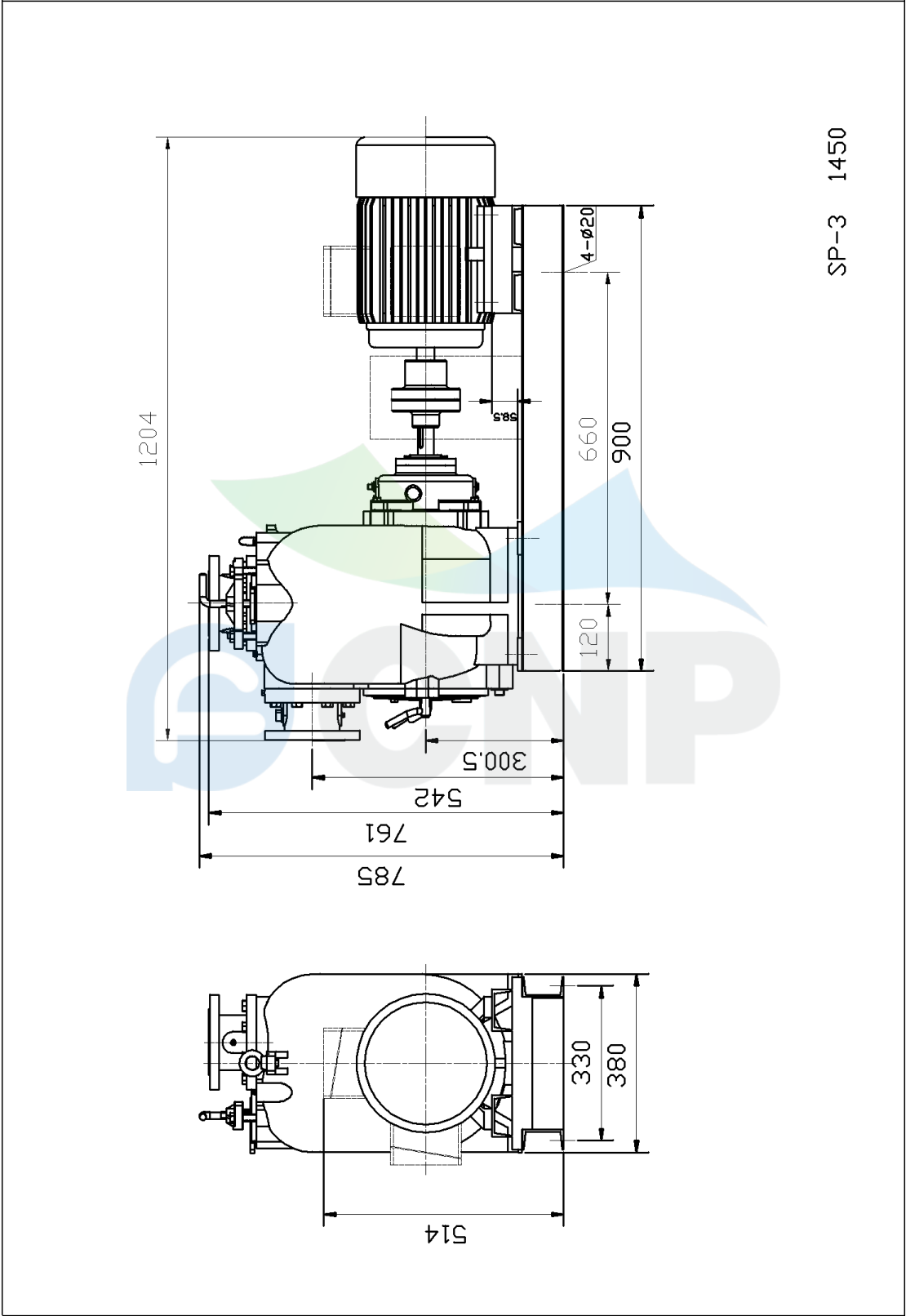


|                                                                                  |                                               |              |                                      |
|----------------------------------------------------------------------------------|-----------------------------------------------|--------------|--------------------------------------|
|  | <b>Structure picture</b><br><b>SP-3(1450)</b> | Manufacturer | CNP                                  |
|                                                                                  |                                               | Address      | Yuhang District, Hangzhou, Zhejiang, |
| Project Name                                                                     |                                               | Contact      | 86-571-88637351                      |
|                                                                                  |                                               | Date         | 2022/03/08                           |
| Item NO                                                                          |                                               | Client Name  | DPA                                  |
|                                                                                  |                                               | Client Addr. |                                      |
|                                                                                  |                                               | Contacts     | Alireza                              |
|                                                                                  |                                               | Contact      |                                      |



E-SP2, 3, 4, 6, 8-110403

|                                                                                  |                                               |              |                                      |
|----------------------------------------------------------------------------------|-----------------------------------------------|--------------|--------------------------------------|
|  | <b>Dimension Drawing</b><br><b>SP-3(1450)</b> | Manufacturer | CNP                                  |
|                                                                                  |                                               | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                               | Contact      | 86-571-88637351                      |
|                                                                                  |                                               | Date         | 2022/03/08                           |
| Project Name                                                                     |                                               | Client Name  | DPA                                  |
| Item NO                                                                          |                                               | Client Addr. |                                      |
|                                                                                  |                                               | Contacts     | Alireza                              |
|                                                                                  |                                               | Contact      |                                      |



|                                                                                  |                                                  |              |                                      |
|----------------------------------------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------|
|  | <b>Installation picture</b><br><b>SP-3(1450)</b> | Manufacturer | CNP                                  |
|                                                                                  |                                                  | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                                  | Contact      | 86-571-88637351                      |
|                                                                                  |                                                  | Date         | 2022/03/08                           |
| Project Name                                                                     |                                                  | Client Name  | DPA                                  |
| Item NO                                                                          |                                                  | Client Addr. |                                      |
|                                                                                  |                                                  | Contacts     | Alireza                              |
|                                                                                  |                                                  | Contact      |                                      |

