

|                                                                                  |                                                    |              |                                      |
|----------------------------------------------------------------------------------|----------------------------------------------------|--------------|--------------------------------------|
|  | <b>Product Information</b><br><b>WLTSF80-5/1.5</b> | Manufacturer | CNP                                  |
|                                                                                  |                                                    | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                                    | Contact      | 86-571-88637351                      |
|                                                                                  |                                                    | Date         | 2022/03/08                           |
|                                                                                  |                                                    | Client Name  | DPA                                  |
| Project Name                                                                     |                                                    | Client Addr. |                                      |
| Item NO                                                                          |                                                    | Contacts     | Alireza                              |
|                                                                                  |                                                    | Contact      |                                      |

|          |            |
|----------|------------|
| Part NO. | 1100186944 |
|----------|------------|

|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Picture                                                                   | Note                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | <p>Non-self-priming, single stage, single suction, horizontal, axial suction and radical discharge.</p> <p>Motor is fixed with a baseplate, and the pump is easily to be installed for no support for pump body.</p> <p>Back-pull-out desiagn, easy to maintain.</p> <p>Pump shaft is the same one as motor shaft, small volume and light weight.</p> <p>The impeller and pump body are designed through excellent hydraulic calculation.The optimum working condition of pump is set according to market demand, high efficiency.</p> <p>The main parts like impellers and casings are made of stainless steel.</p> <p>Castings adopt resin sand casting process, bright and clean surface, good appearance, compact structure</p> |

#### Material

|               |     |
|---------------|-----|
| Impeller      | 304 |
| Pump body     | 304 |
| Rubber code   | NBR |
| Material Code | S   |

#### Installation

|                            |            |
|----------------------------|------------|
| Connection Code            | F          |
| Installation type          | horizontal |
| Maximum Operation Pressure | 6Bar       |

#### Medium

|                          |          |
|--------------------------|----------|
| Liquid Temperature Range | -15~+100 |
|--------------------------|----------|

#### Structure dimension

|                           |                                            |
|---------------------------|--------------------------------------------|
| Inlet & outlet size types | DN                                         |
| Inlet Bore                | 80                                         |
| Outlet Diameter           | 80                                         |
| Rotation Direction        | Anti-clockwise rotation viewing from inlet |

#### Motor

|                       |             |
|-----------------------|-------------|
| Number of Motor Phase | Three Phase |
| Protection Class      | IP55        |
| Insulation Class      | F           |
| Motor Power           | 1.5         |
| Power Frequency       | 50Hz        |
| Rated Voltage (V)     | 380V        |

#### Seal

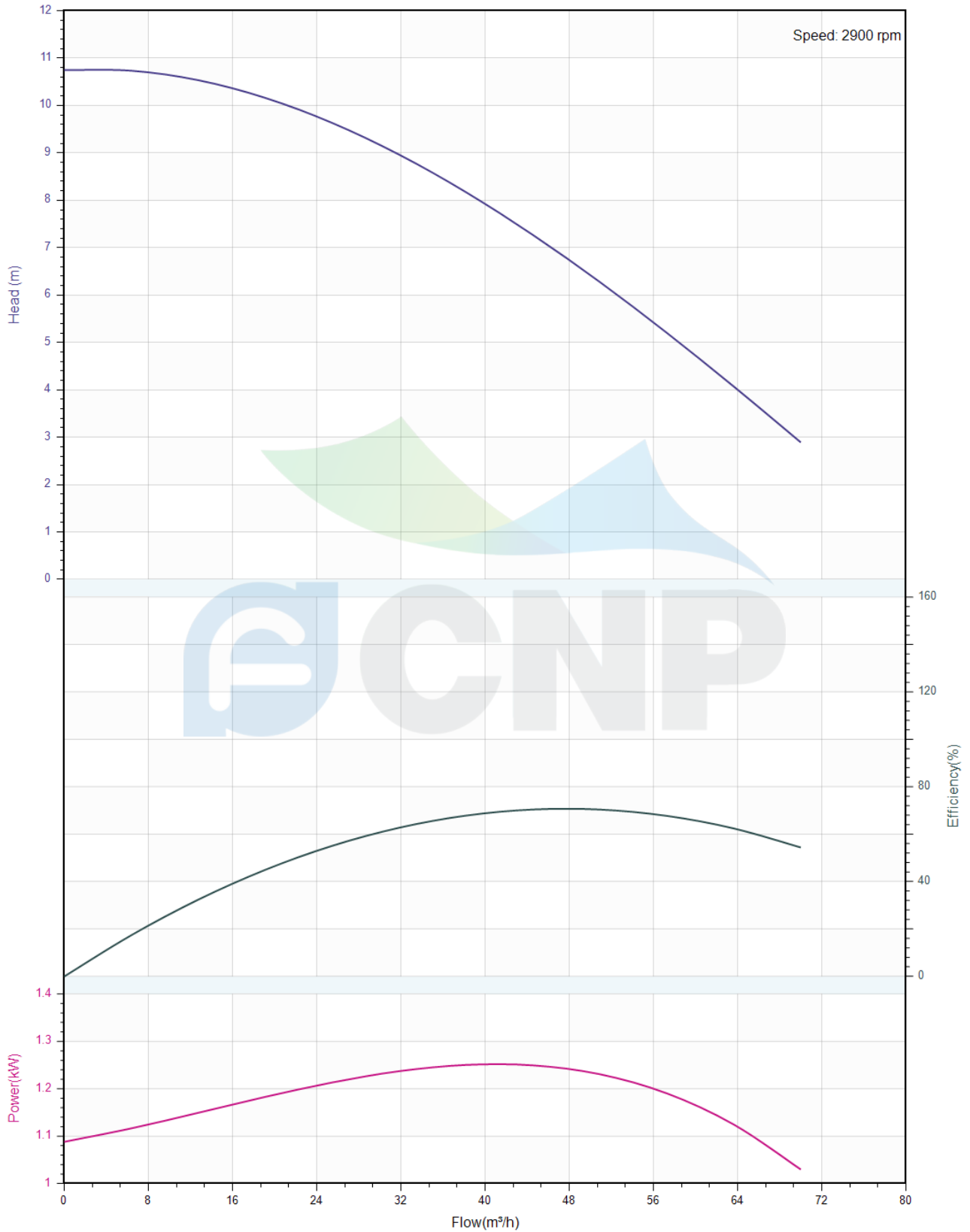
|                 |                   |
|-----------------|-------------------|
| Mechanical Seal | NISO(BIA)-18/BSE4 |
|-----------------|-------------------|

#### Others

|             |    |
|-------------|----|
| Weight (kg) | 46 |
|-------------|----|

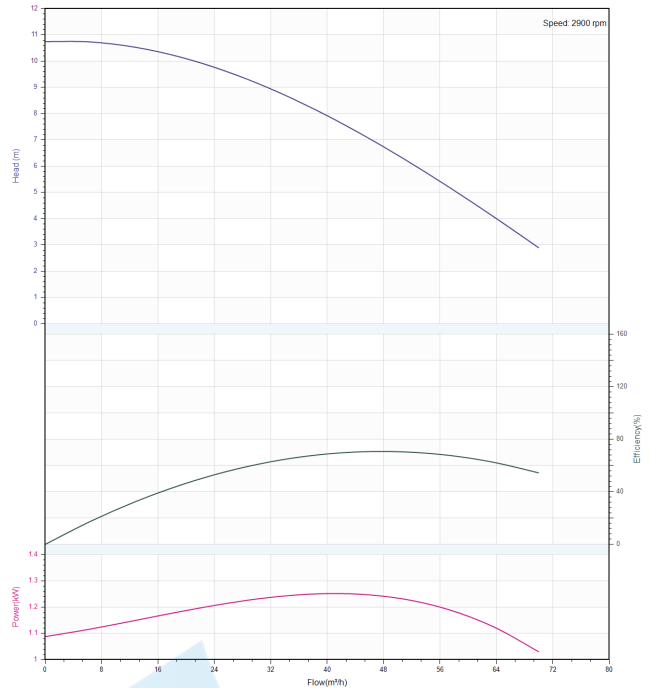
|                                                                                  |                                                  |              |                                      |
|----------------------------------------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------|
|  | <b>Performance Curve</b><br><b>WLTsf80-5/1.5</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      |                                      |

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

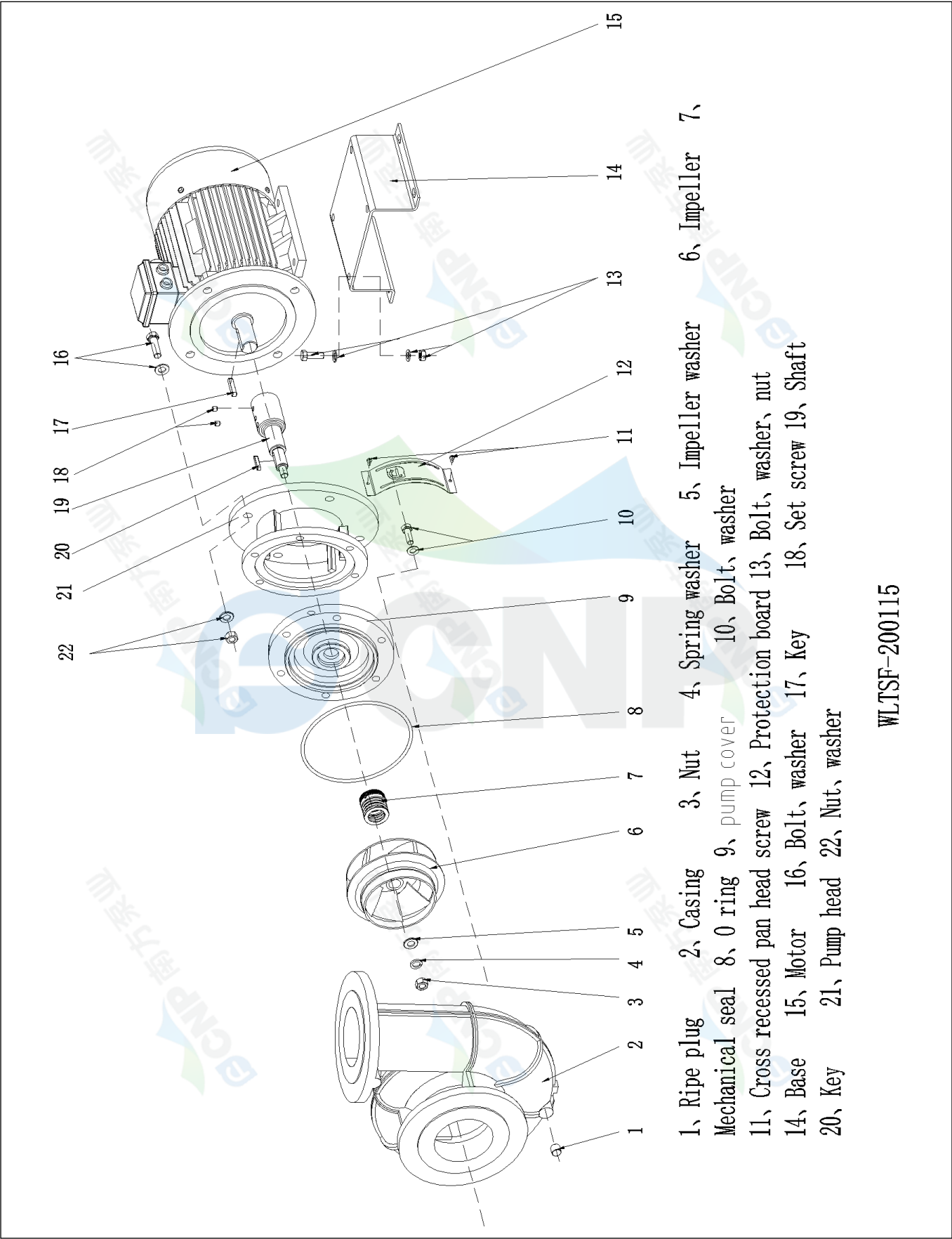


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|----------------------------------------------------------------------------------|----------------------------------------------------------|--------------|--------------------------------------|
|  | <b>Pump Technical Parameters</b><br><b>WLTSF80-5/1.5</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                          | WLTSF80-5/1.5 |
| Part NO.                            | 1100186944    |
| Rated flow (m <sup>3</sup> /h)      | 55            |
| Rated head (m)                      | 5             |
| Rated efficiency (%)                | 67.3          |
| Power (kW)                          | 1.114         |
| Speed (rpm)                         | 2900          |
| Max impeller diameter (mm)          | 101.6         |
| Medium                              |               |
| Pumped medium                       | Clean Water   |
| Working temperature (°C)            | 20            |
| Medium density (kg/m <sup>3</sup> ) | 1000          |
| Viscosity (mm <sup>2</sup> /s)      | 1             |



|                                                                                  |                                                  |              |                                      |
|----------------------------------------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------|
|  | <b>Structure picture</b><br><b>WLTSF80-5/1.5</b> | Manufacturer | CNP                                  |
|                                                                                  |                                                  | Address      | Yuhang District, Hangzhou, Zhejiang, |
|                                                                                  |                                                  | Contact      | 86-571-88637351                      |
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| Item NO                                                                          |                                                  | Client Addr. |                                      |
|                                                                                  |                                                  | Contacts     | Alireza                              |
|                                                                                  |                                                  | Contact      |                                      |



WLTSF-200115

