


|  |  |              |                                      |
|--|--|--------------|--------------------------------------|
|  | <b>Product Information</b><br><b>CDLF3-7+CDH3-36</b> | Manufacturer | CNP                                  |
|  |  | Address      | Yuhang District, Hangzhou, Zhejiang, |
| <b>Project Name</b>  |  | Contact      | 86-571-88637351                      |
|  |  | Date         | 2022/03/05                           |
|  |  | Client Name  | DPA                                  |
| <b>Item NO</b>   |  | Client Addr. |                                      |
|  |  | Contacts     | Alireza                              |
|  |  | Contact      |                                      |

|          |            |
|----------|------------|
| Part NO. | 1100060852 |
|----------|------------|

| Product Picture   | Note   |
|---|--|
|  | <p>CDLF+CDH vertical high pressure pump consists of two vertical multistage centrifugal pumps in series to form a double pump system to produce high pressure.</p> |

|                            |  |
|----------------------------|--|
| <b>technology</b>          |  |
| Pump rotator speed         | 2900   |
| <b>Material</b>            |  |
| Impeller                   | 304  |
| Rubber code                | P  |
| Material Code              | S  |
| <b>Installation</b>        |  |
| Connection Code            | K  |
| Installation type          | card cover   |
| Maximum Operation Pressure | 50Bar  |
| <b>Medium</b>              |  |
| Medium Temperature normal  | -15~70   |
| Medium Temperature high t  | -15~120  |
| Maximum Environment Temper | 40   |
| <b>Structure dimension</b> |  |
| Inlet & outlet size types  | DN   |
| Inlet & Outlet Diameter    | DN32   |
| Rotation Direction         | CDLF rotates anti-clockwise viewing from motor side and CDH rotates clockwise. |
| <b>Motor</b>               |  |
| Number of Motor Phase      | Three Phase  |
| Protection Class           | IP55   |
| Insulation Class           | F  |
| Motor Power                | 0.55+3.0   |
| Energy Efficiency Level    | IE2  |
| <b>Seal</b>                |  |
| Mechanical Seal            | CDLA-12/WBF14  |
| <b>Others</b>              |  |
| Weight of Pump             | 88   |



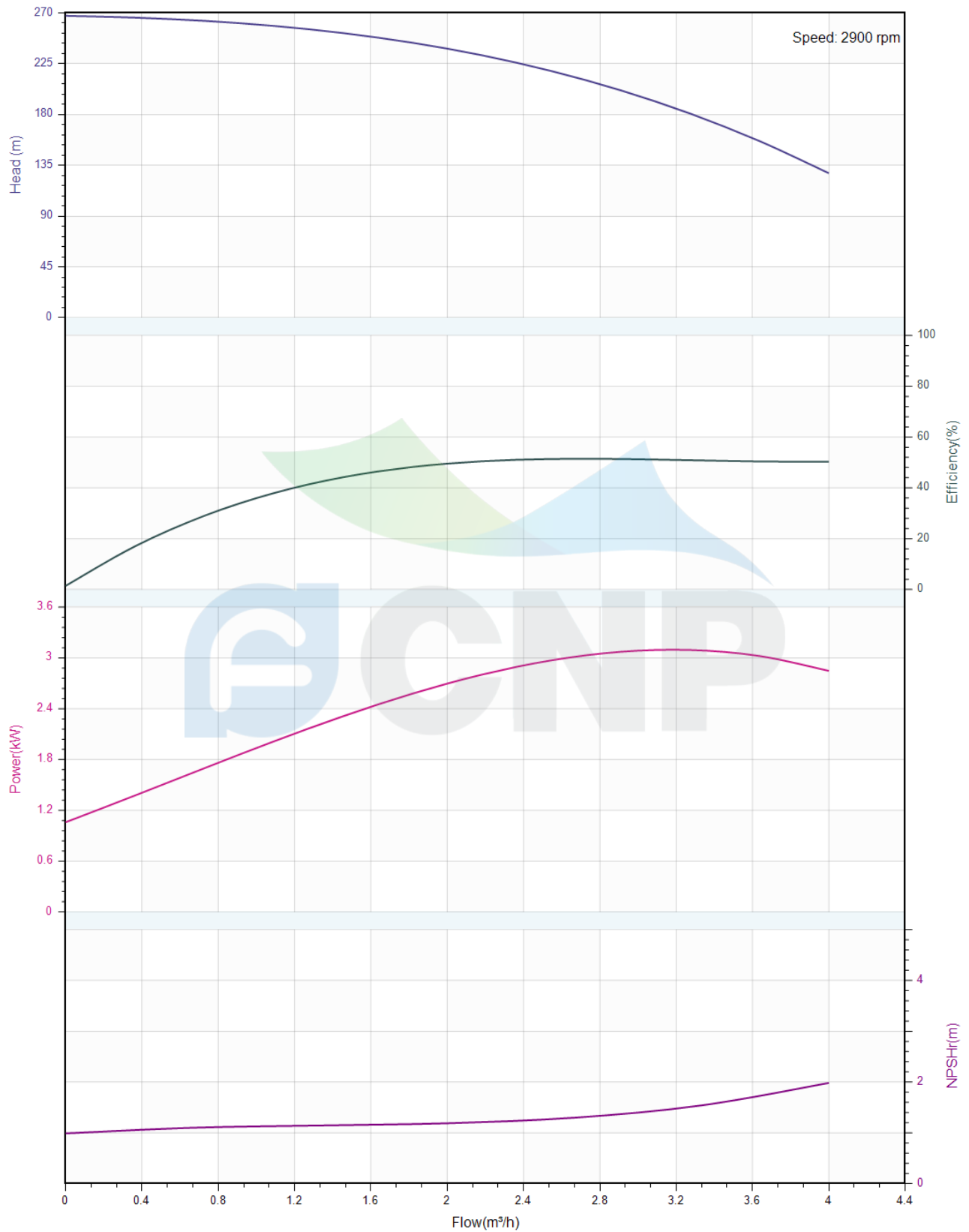
# Performance Curve CDLF3-7+CDH3-36

|              |                                      |
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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m<sup>3</sup>, and at 1bar atmospheric pressure. ISO99062012 Grade 3B





## Pump Technical Parameters

### CDLF3-7+CDH3-36

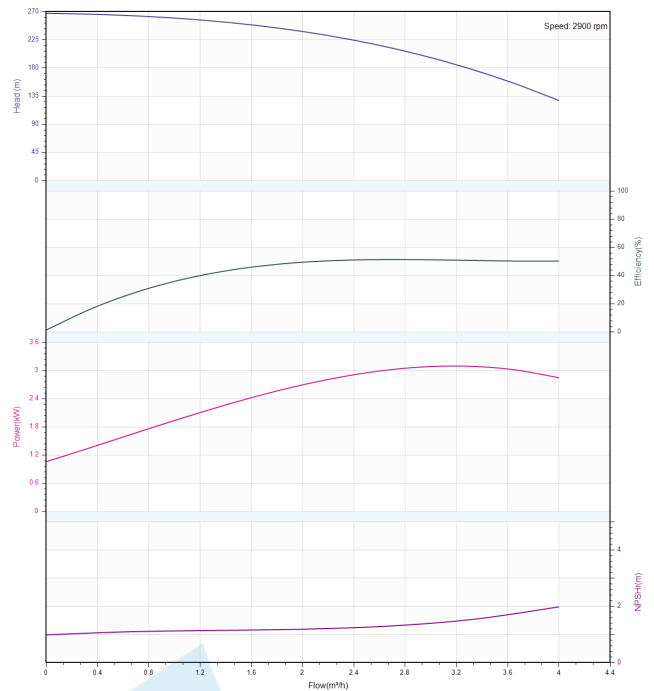
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#### Rated parameters

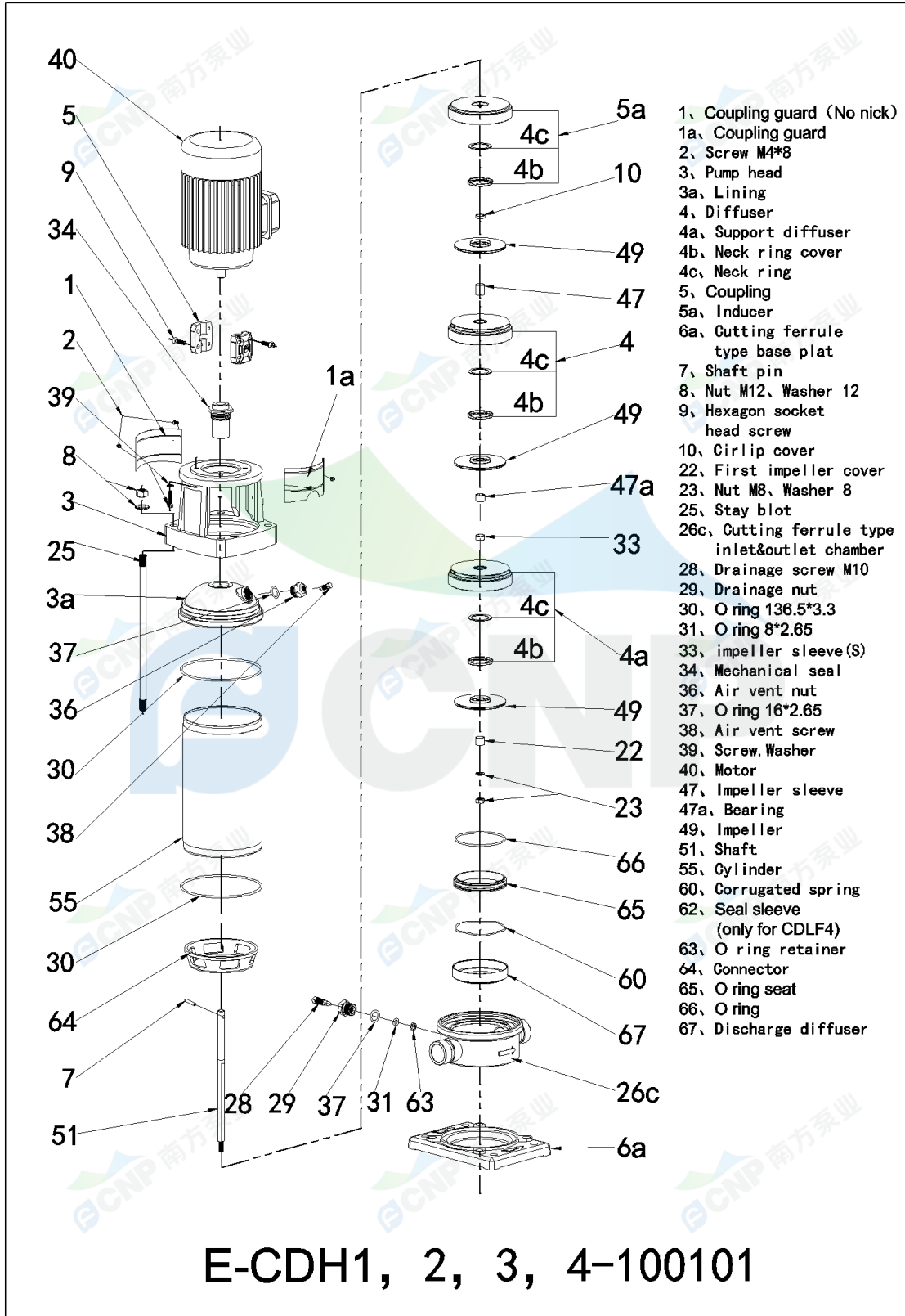
|                                |                 |
|--------------------------------|-----------------|
| Pump model                     | CDLF3-7+CDH3-36 |
| Part NO.                       | 1100060852      |
| Rated flow (m <sup>3</sup> /h) | 3               |
| Rated head (m)                 | 196             |
| Rated efficiency (%)           | 46              |
| Power (kW)                     | 3.48            |
| NPSHr (m)                      | 2               |
| Speed (rpm)                    | 2900            |

#### 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>CDLF3-7+CDH3-36</b> | Manufacturer | CNP                                  |
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# Dimension Drawing CDLF3-7+CDH3-36

|              |                                      |
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