



|  |  |              |                                      |
|--|--|--------------|--------------------------------------|
|  | <b>Product Information</b><br><b>200WQ300-11-15JY(I)</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      |                                      |

|          |                  |
|----------|------------------|
| Part NO. | 200WQ300-11-15JY |
|----------|------------------|

|   |   |
|---|---|
| Product Picture   | Note  |
|  | <p>The sewage submersible pump is composed of two parts: the motor and the pump.</p> <p>The two are separated by an oil chamber and a mechanical seal assembly.</p> <p>Divided into fixed automatic coupling installation and mobile installation</p> |

#### technology

|                     |      |
|---------------------|------|
| Pump rotator speed  | 1440 |
| Nameplate standards | CE   |

#### Material

|             |        |
|-------------|--------|
| Impeller    | HT200  |
| Pump shaft  | 20cr13 |
| Rubber code | P      |
| Pump case   | HT200  |

#### Installation

|                              |         |
|------------------------------|---------|
| Connection Code              | F       |
| Maximum Pressure/Temperature | 6bar/40 |
| Flange Standard              | DIN     |
| Pressure Class               | PN6     |

#### Medium

|                            |    |
|----------------------------|----|
| Medium Temperature         | 40 |
| Maximum diameter of partic | 35 |
| Maximum Environment Temper | 40 |

#### Structure dimension

|                  |       |
|------------------|-------|
| Standard caliber | DN    |
| Outlet Diameter  | DN200 |

#### Motor


|                       |             |
|-----------------------|-------------|
| Number of Motor Phase | Three Phase |
| Protection Class      | IP68        |
| Insulation Class      | F           |
| Motor Power           | 15          |
| Power Frequency       | 50HZ        |
| Rated Voltage (V)     | 380V        |
| Rated Current (A)     | 30.6        |
| Starting mode         | direct boot |

#### Seal

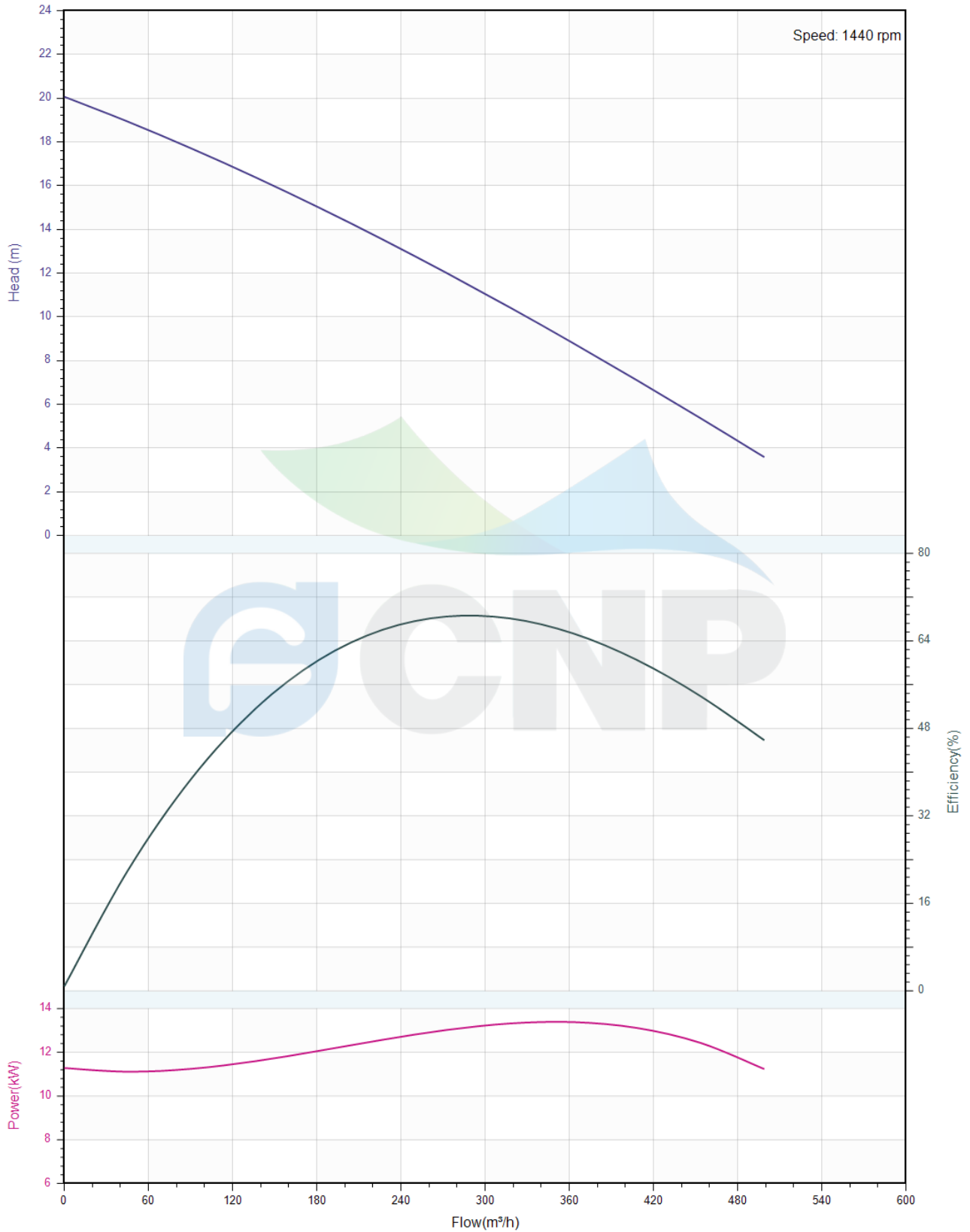
|                 |      |
|-----------------|------|
| Mechanical Seal | H-50 |
|-----------------|------|


#### Others

|             |     |
|-------------|-----|
| Weight (kg) | 258 |
|-------------|-----|

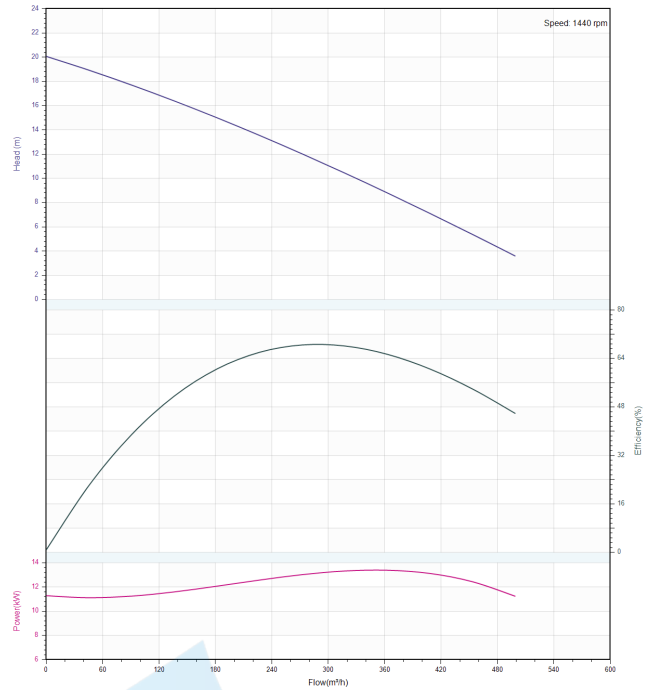
|  |  |              |                                      |
|--|--|--------------|--------------------------------------|
|  | <b>Performance Curve</b><br><b>200WQ300-11-15JY(I)</b> | Manufacturer | CNP                                  |
|  |  | Address      | Yuhang District, Hangzhou, Zhejiang, |
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|  |  | Date         | 2022/03/09                           |
| 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 atmospherical pressure. ISO99062012 Grade 3B



|  |  |              |                                      |
|--|--|--------------|--------------------------------------|
|  | <b>Pump Technical Parameters</b><br><b>200WQ300-11-15JY(I)</b> | Manufacturer | CNP                                  |
|  |  | Address      | Yuhang District, Hangzhou, Zhejiang, |
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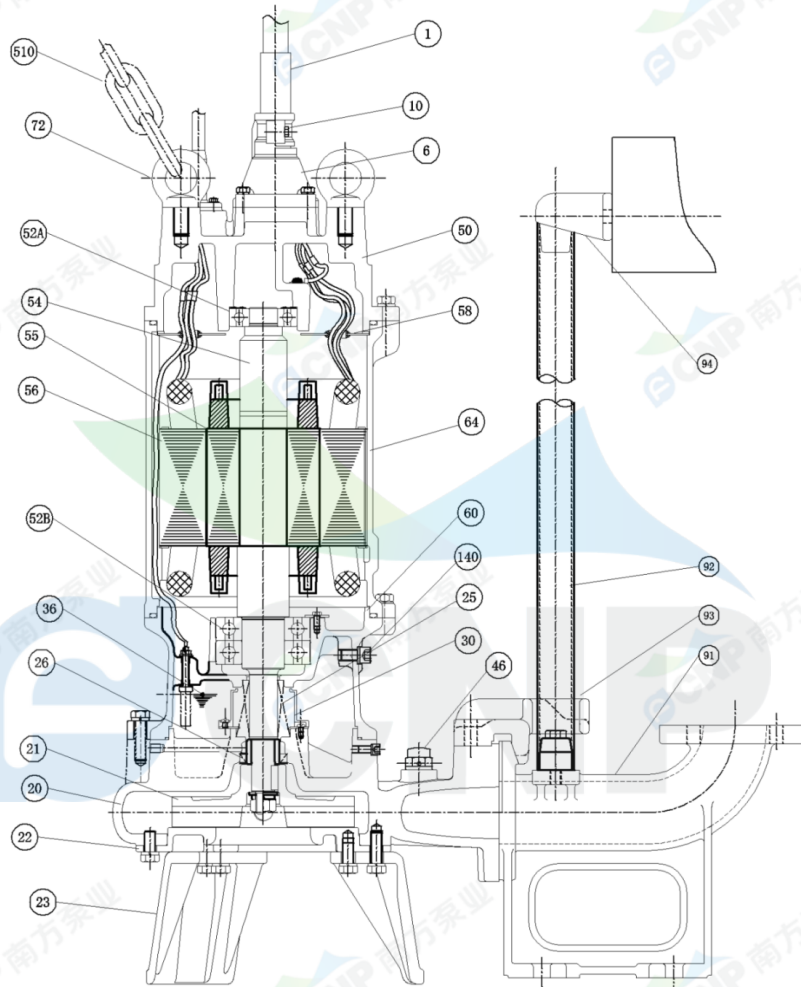
| Rated parameters         |                     |
|--------------------------|---------------------|
| Pump model               | 200WQ300-11-15JY(I) |
| Part NO.                 | 200WQ300-11-15JY    |
| Rated flow (m³/h)        | 300                 |
| Rated head (m)           | 11                  |
| Rated efficiency (%)     | 67                  |
| Power (kW)               | 13.42               |
| NPSHr (m)                | 2                   |
| Speed (rpm)              | 1440                |
| Medium                   |                     |
| Pumped medium            | Clean Water         |
| Working temperature (°C) | 20                  |
| Medium density (kg/m³)   | 1000                |
| Viscosity (mm²/s)        | 1                   |



|  |  |              |                                      |
|--|--|--------------|--------------------------------------|
|  | <b>Structure picture</b><br><b>200WQ300-11-15JY(I)</b> | Manufacturer | CNP                                  |
|  |  | Address      | Yuhang District, Hangzhou, Zhejiang, |
|  |  | Contact      | 86-571-88637351                      |
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|  |  | Contact      |                                      |

## CNP Nanfang Zhongjin Environment Co., Ltd.

|      |                         |       |            |
|------|-------------------------|-------|------------|
|      | SECTIONAL DRAWING       | No.   | No.        |
| TYPE | submersible sewage pump | MODEL | WQ-11/15kW |



| order specifications |                     |        |                      |     |                    |        |                         |
|----------------------|---------------------|--------|----------------------|-----|--------------------|--------|-------------------------|
| No.                  | names of parts      | number | material             | No. | names of parts     | number | material                |
| 1                    | cable               | 1      | YZW                  | 20  | casing             | 1      | HT200                   |
| 6                    | cable sleeve        | 1      | HT200                | 21  | impeller           | 1      | HT200                   |
| 50                   | top cover           | 1      | HT200                | 26  | framework oil seal | 1      | NBR-2                   |
| 58                   | cable transit board | 1      | Q235                 | 140 | oil filler plug    | 2      | SUS304                  |
| 64                   | base                | 1      | HT200                | 36  | machine oil 32#    |        |                         |
| 25                   | mechanical seal     | 1      | Carbon/SIC           | 52B | lower bearing      | 2      |                         |
| 60                   | lower cover         | 1      | HT200                | 56  | stator             | 1      |                         |
| 30                   | oil lift            | 1      |                      | 55  | rotor              | 1      |                         |
| 46                   | Air release bolt    | 1      |                      | 54  | shaft              | 1      |                         |
| 94                   | guiding             | 1      | HT200                | 52A | upper bearing      | 1      |                         |
| 92                   | pipe                | 1      | SUS304(unaffiliated) | 72  | eye bolt           | 2      | SUS304                  |
| 93                   | guide hook          | 1      | HT200                | 510 | lift chain         | 1      | 45#(forging galvanized) |
| 91                   | water outlet base   | 1      | HT200                | 23  | foot bracket       | 3      | HT200                   |
| 22                   | water inlet cover   | 1      | HT200                | 10  | Cable lockblock    | 2      | HT200                   |

Nanfang Zhongjin Environment CO.,LTD.

unit : mm

