


|  |  |              |                                      |
|--|--|--------------|--------------------------------------|
|  | <b>Product Information</b><br><b>NIS250-200-315/37</b> | Manufacturer | CNP                                  |
|  |  | Address      | Yuhang District, Hangzhou, Zhejiang, |
| <b>Project Name</b>  |  | Contact      | 86-571-88637351                      |
|  |  | Date         | 2022/03/06                           |
| <b>Item NO</b>   |  | Client Name  | DPA                                  |
|  |  | Client Addr. |                                      |
|  |  | Contacts     | Alireza                              |
|  |  | Contact      |                                      |

|          |            |
|----------|------------|
| Part NO. | 1100054738 |
|----------|------------|

|   |   |
|---|---|
| Product Picture   | Note  |
|  | <p>Non-prime single stage horizontal end suction centrifugal pump, axial inlet and radial outlet, back pull out design, easy maintenance without removing pumpbody and pipe system.</p> |

|                            |  |
|----------------------------|--|
| <b>technology</b>          |  |
| Pump rotator speed         | 1480                                       |
| <b>Material</b>            |  |
| Impeller                   | HT200                                      |
| Pump body                  | QT500-7                                    |
| Rubber code                | P  |
| Material Code              | H  |
| <b>Installation</b>        |  |
| Maximum Operation Pressure | 16Bar                                      |
| Maximum Inlet Pressure     | 6Bar                                       |
| <b>Medium</b>              |  |
| Medium Temperature         | -15~110                                    |
| <b>Structure dimension</b> |  |
| Inlet & outlet size types  | DN   |
| Inlet Bore                 | 250  |
| Outlet Diameter            | 200  |
| Rotation Direction         | Anti-clockwise rotation viewing from inlet |
| <b>Motor</b>               |  |
| Number of Motor Phase      | Three Phase                                |
| Protection Class           | IP55                                       |
| Insulation Class           | F  |
| Motor Power                | 37   |
| Power Frequency            | 50HZ                                       |
| Rated Voltage (V)          | 380V                                       |
| Rated Current (A)          | 70.5                                       |
| Energy Efficiency Level    | IE3  |
| <b>Seal</b>                |  |
| Mechanical Seal            | NISO-60/BSE4                               |
| <b>Others</b>              |  |
| Weight (kg)                | 592  |



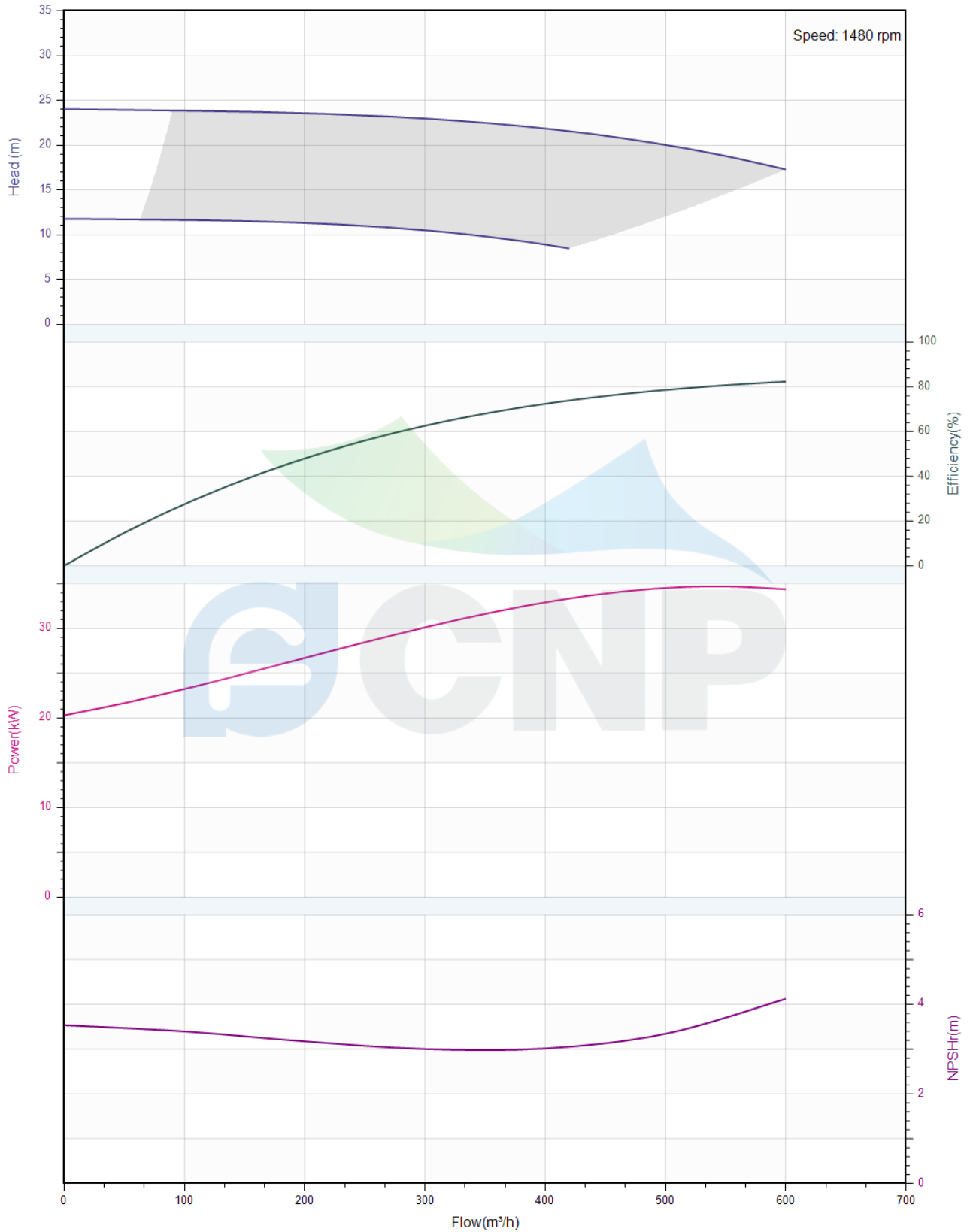
# Performance Curve NIS250-200-315/37

|              |                                      |
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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 NIS250-200-315/37

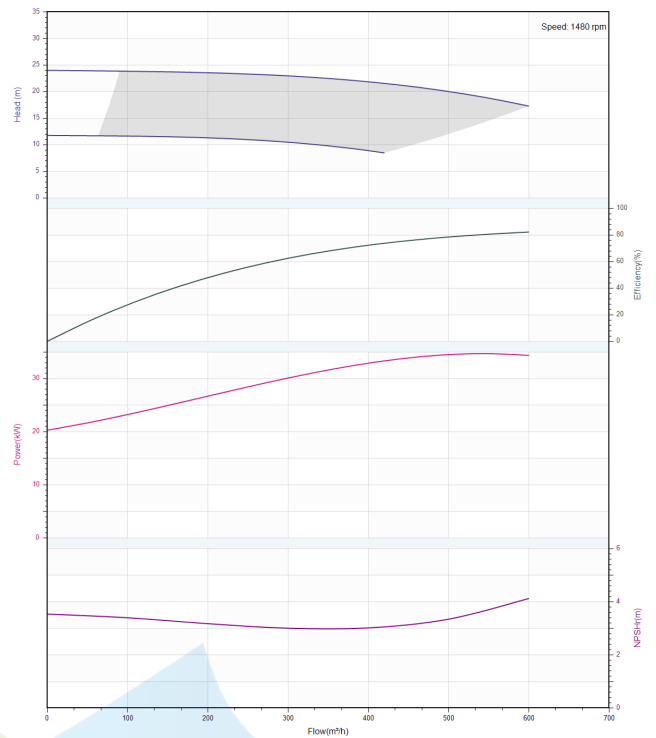
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### Rated parameters

|                                |                   |
|--------------------------------|-------------------|
| Pump model                     | NIS250-200-315/37 |
| Part NO.                       | 1100054738        |
| Rated flow (m <sup>3</sup> /h) | 500               |
| Rated head (m)                 | 20                |
| Rated efficiency (%)           | 79                |
| Power (kW)                     | 34.49             |
| NPSHr (m)                      | 3.5               |
| Speed (rpm)                    | 1480              |
| Max impeller diameter (mm)     | 284               |

### 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>NIS250-200-315/37</b> | Manufacturer | CNP                                  |
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| Project Name   |  | Contact      | 86-571-88637351                      |
|  |  | Date         | 2022/03/06                           |
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### Dimension Drawing NIS250-200-315/37

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