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|--|---|--------------|--------------------------------------|
|  | Product Information NIS125-80-400/30 | Manufacturer | CNP |
| | | Address | Yuhang District, Hangzhou, Zhejiang, |
| Project Name | | Contact | 86-571-88637351 |
| | | Date | 2022/03/06 |
| Item NO | | Client Name | DPA |
| | | Client Addr. | |
| | | Contacts | Alireza |
| | | Contact | |

| | |
|----------|------------|
| Part NO. | 1100054597 |
|----------|------------|

| 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> |

| | |
|----------------------------|--|
| technology | |
| Pump rotator speed | 1480 |
| Material | |
| Impeller | HT200 |
| Pump body | QT500-7 |
| Rubber code | P |
| Material Code | H |
| Installation | |
| Maximum Operation Pressure | 16Bar |
| Maximum Inlet Pressure | 6Bar |
| Medium | |
| Medium Temperature | -15~110 |
| Structure dimension | |
| Inlet & outlet size types | DN |
| Inlet Bore | 125 |
| 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 | 30 |
| Power Frequency | 50HZ |
| Rated Voltage (V) | 380V |
| Rated Current (A) | 58.1 |
| Energy Efficiency Level | IE3 |
| Seal | |
| Mechanical Seal | NISO-53/BSE4 |
| Others | |
| Weight (kg) | 440 |



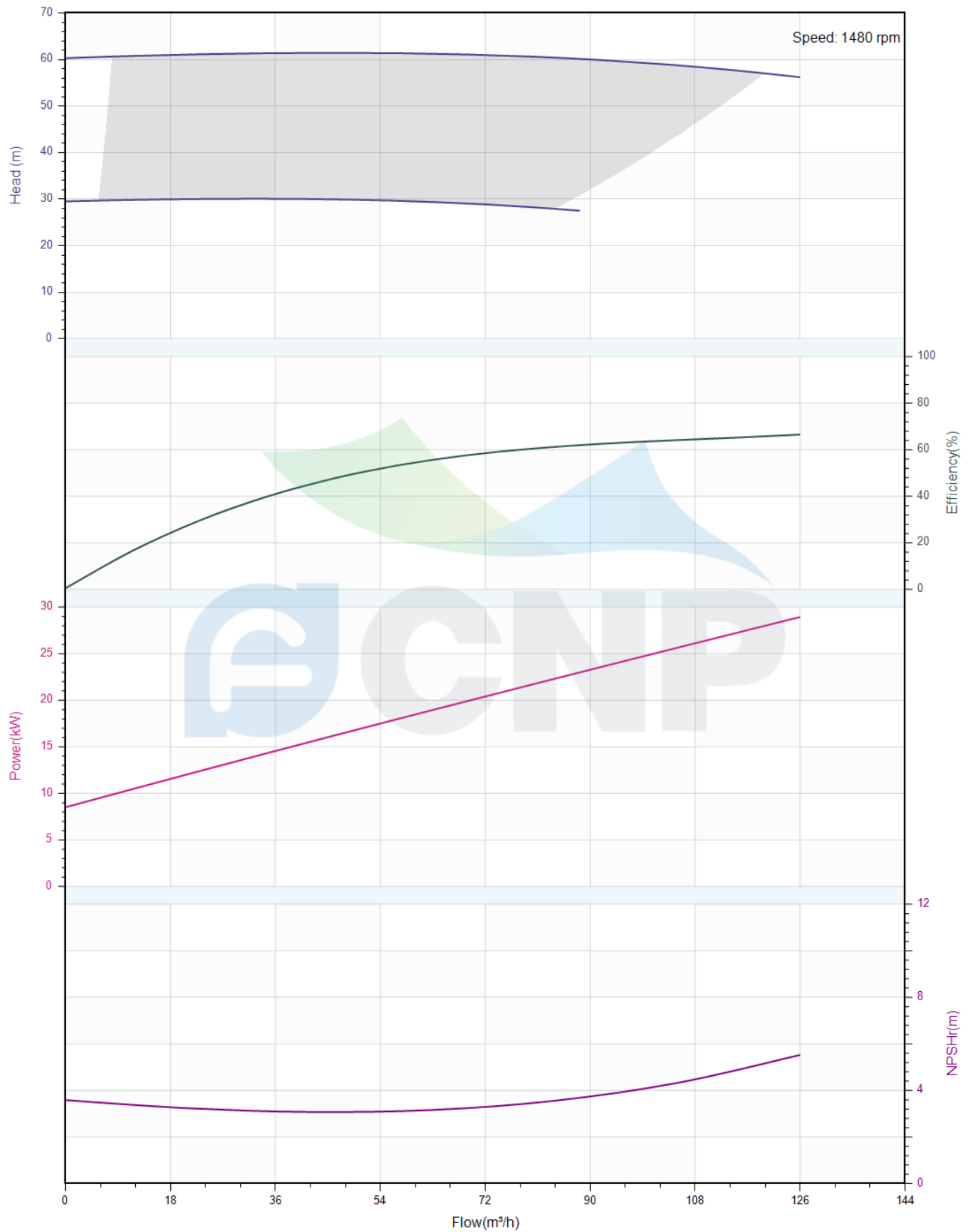
Performance Curve NIS125-80-400/30

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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospheric pressure. ISO99062012 Grade 3B





Pump Technical Parameters

NIS125-80-400/30

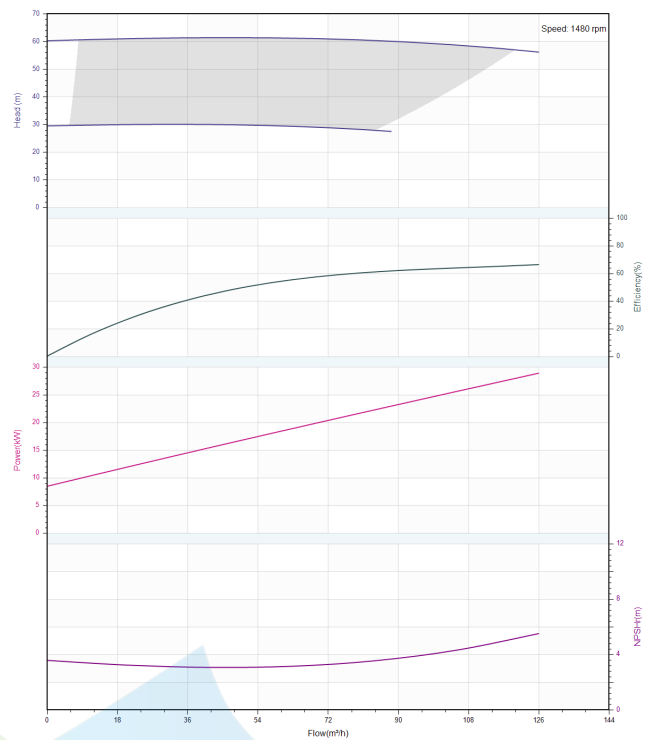
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Rated parameters

| | |
|--------------------------------|------------------|
| Pump model | NIS125-80-400/30 |
| Part NO. | 1100054597 |
| Rated flow (m ³ /h) | 50 |
| Rated head (m) | 60 |
| Rated efficiency (%) | 46 |
| Power (kW) | 17.77 |
| NPSHr (m) | 3 |
| Speed (rpm) | 1480 |
| Max impeller diameter (mm) | 412 |

Medium

| | |
|-------------------------------------|-------------|
| Pumped medium | Clean Water |
| Working temperature (°C) | 20 |
| Medium density (kg/m ³) | 1000 |
| Viscosity (mm ² /s) | 1 |





Dimension Drawing NIS125-80-400/30

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