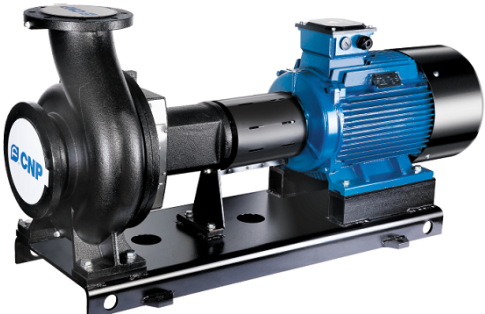


|                                                                                  |                                                          |              |                                      |
|----------------------------------------------------------------------------------|----------------------------------------------------------|--------------|--------------------------------------|
|  | <b>Product Information</b><br><b>NISO100-80-160/18.5</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. | 1100053808 |
|----------|------------|

|                                                                                   |                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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  | 2950 |
| Nameplate standards | CE   |

#### Material

|               |         |
|---------------|---------|
| Impeller      | HT200   |
| Pump cover    | HT200   |
| Pump body     | QT500-7 |
| Pump shaft    | 20Cr13  |
| 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                | 100                                        |
| 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             | 18.5        |
| Motor model             | YE2         |
| Power Frequency         | 50HZ        |
| Rated Voltage (V)       | 380V        |
| Rated Current (A)       | 34.7        |
| Energy Efficiency Level | IE2         |

#### Seal

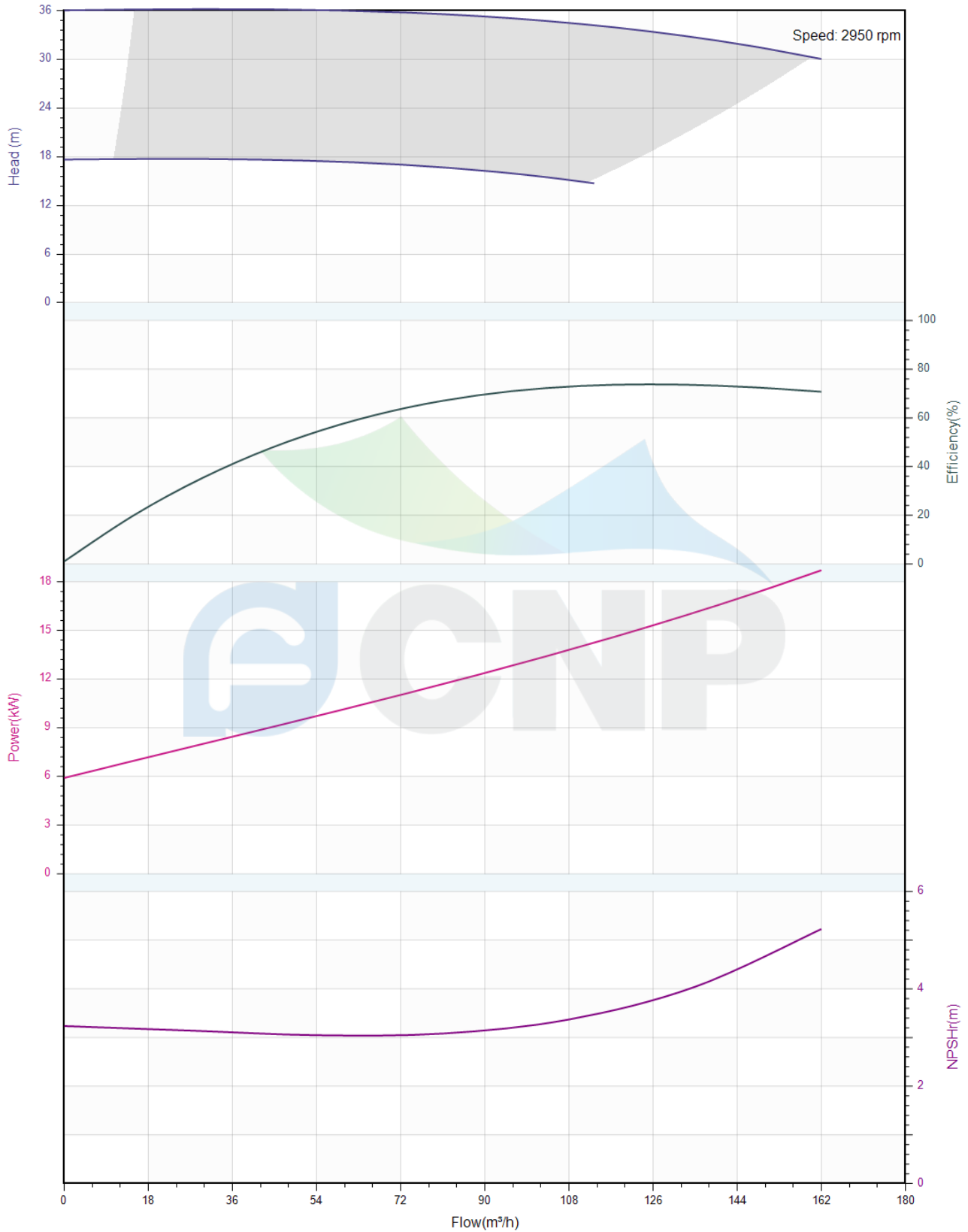
|                 |              |
|-----------------|--------------|
| Mechanical Seal | NISO-43/BSE4 |
|-----------------|--------------|

#### Others

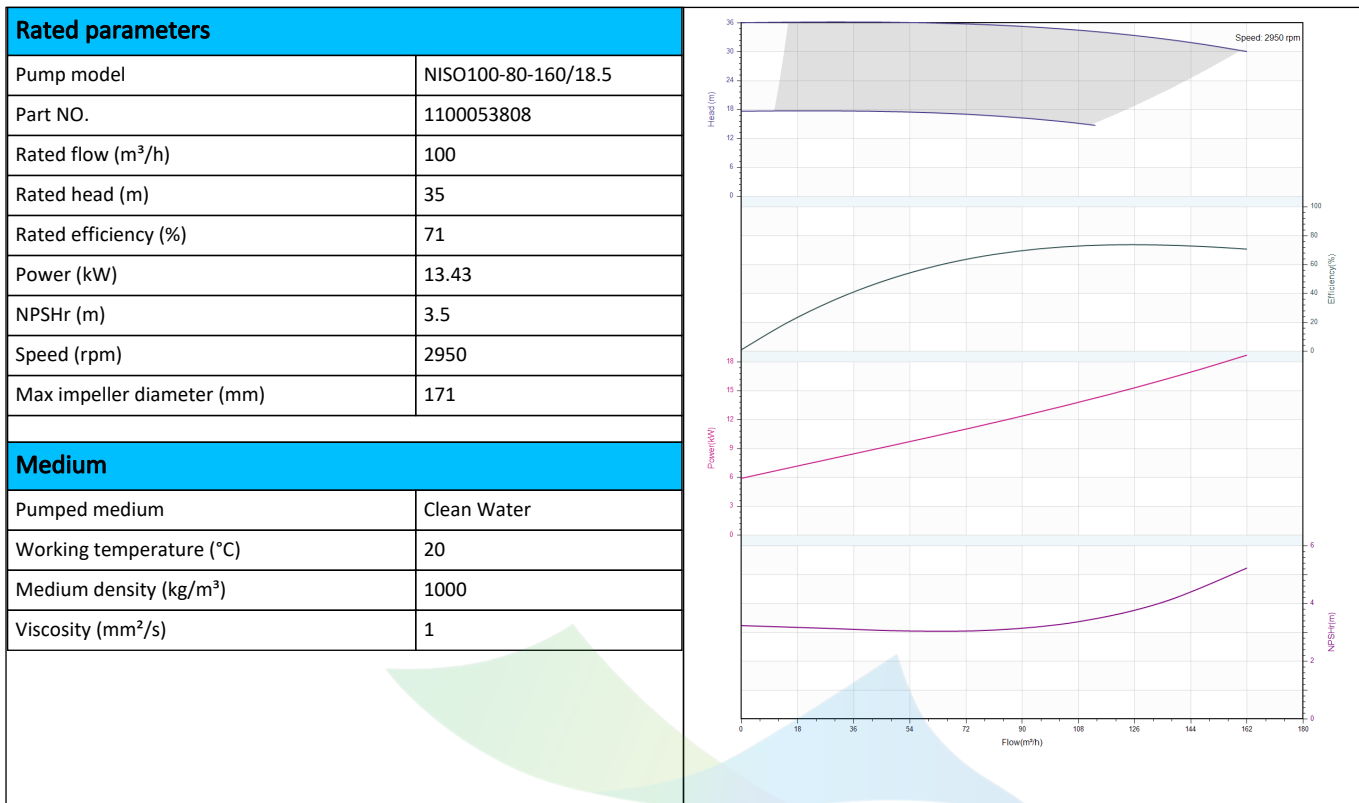
|             |     |
|-------------|-----|
| Weight (kg) | 239 |
|-------------|-----|

|                                                                                  |                                                        |              |                                      |
|----------------------------------------------------------------------------------|--------------------------------------------------------|--------------|--------------------------------------|
|  | <b>Performance Curve</b><br><b>NISO100-80-160/18.5</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      |                                      |

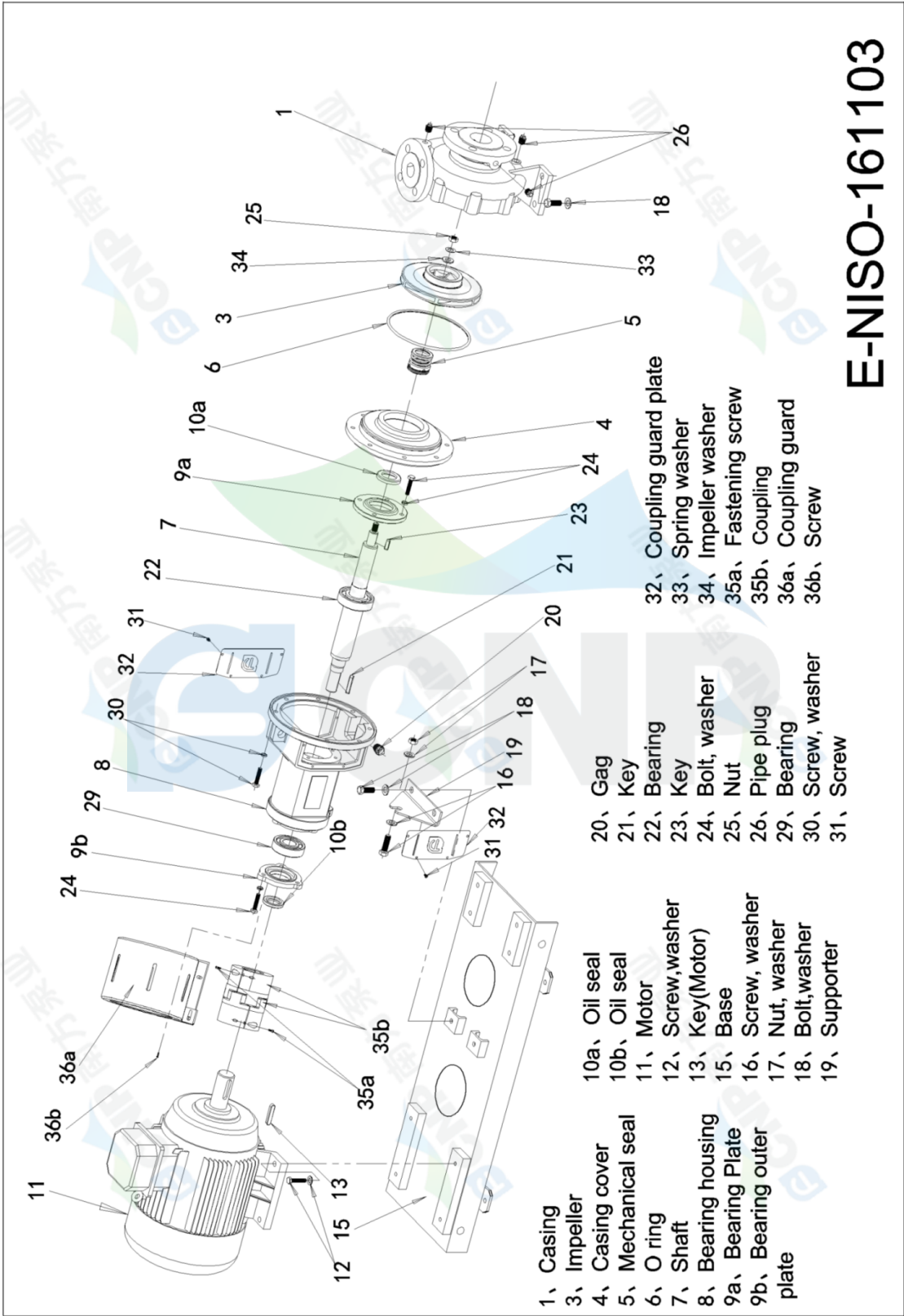
The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m<sup>3</sup>, and at 1bar atmospheric pressure. ISO99062012 Grade 3B



|                                                                                  |                                                                |              |                                      |
|----------------------------------------------------------------------------------|----------------------------------------------------------------|--------------|--------------------------------------|
|  | <b>Pump Technical Parameters</b><br><b>NISO100-80-160/18.5</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      |                                      |



|                                                                                  |                                                        |              |                                      |
|----------------------------------------------------------------------------------|--------------------------------------------------------|--------------|--------------------------------------|
|  | <b>Structure picture</b><br><b>NISO100-80-160/18.5</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      |                                      |



|                                                                                  |                                                        |              |                                      |
|----------------------------------------------------------------------------------|--------------------------------------------------------|--------------|--------------------------------------|
|  | <b>Dimension Drawing</b><br><b>NISO100-80-160/18.5</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      |                                      |

