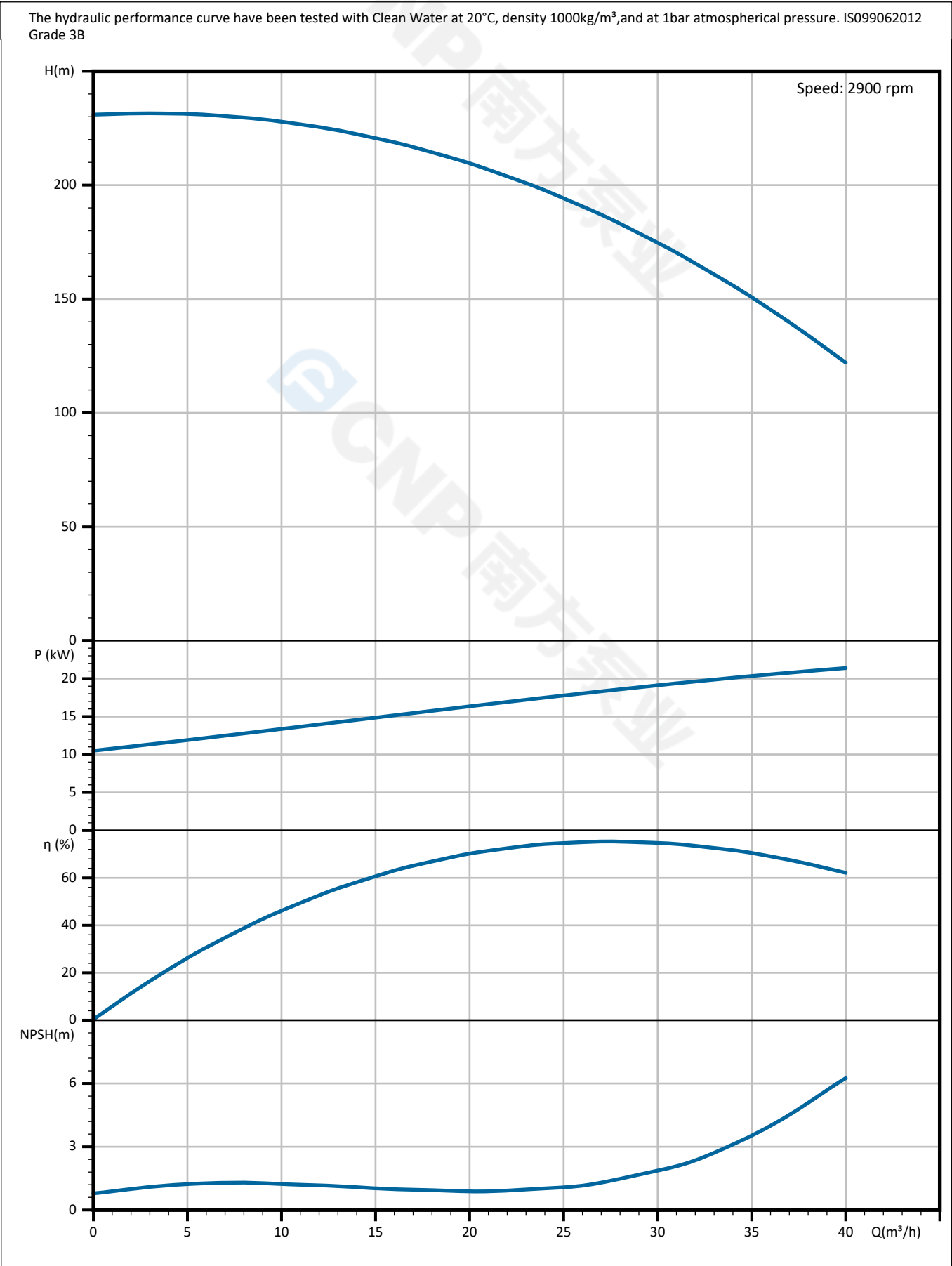


|                                                                                   |                                                        |              |                                     |
|-----------------------------------------------------------------------------------|--------------------------------------------------------|--------------|-------------------------------------|
|  | <b>Product Information</b><br><br><b>CDLK32-120/12</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                   |                                                        | Address      | Hangzhou, Zhejiang, China           |
|                                                                                   |                                                        | Contact      | 86-571-88637351                     |
|                                                                                   |                                                        | Date         | 2025/02/04                          |
|                                                                                   |                                                        | Client Name  | Abo Energy Parseh                   |
| <b>Project Name</b>                                                               |                                                        | Client Addr. |                                     |
| <b>Item NO</b>                                                                    |                                                        | Contacts     | WEPKO                               |
|                                                                                   |                                                        | Contact      |                                     |

|                                                                                   |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|-----------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Part NO.                                                                          | 1100057189                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Product Picture: (Note: Images may not be the same as the product)                |                           | Note                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|  |                           | Non-self-priming vertical immersion multistage centrifugal pump, the motor shaft is directly connected with the pump shaft through the coupling, and the impeller guide vane is made of stainless steel plate stamping and welding, in order to meet the installation depth of the sink or container, the cavity can be installed to change the depth of the pump immersion. Compact structure, easy maintenance, selectable installation depth, easy installation. |  |
| Nameplate parameters                                                              |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Flow                                                                              | 32 m³/h                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Head                                                                              | 167 m                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Efficiency                                                                        | 69 %                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Speed                                                                             | 2900 rpm                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Number of stages                                                                  | 12                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Technology                                                                        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Pump rotator speed                                                                | 2900                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Nameplate standards                                                               | CE                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Material                                                                          |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Impeller                                                                          | 304                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Rubber code                                                                       | P                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Material Code                                                                     | S                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Medium                                                                            |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Medium Temperature normal temperature                                             | -15°C+70°C                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Medium Temperature high temperature                                               | -15°C+105°C               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Maximum Environment Temperature                                                   | 40°C                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Motor                                                                             |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Number of Motor Phase                                                             | Three Phase               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Protection Class                                                                  | IP55                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Insulation Class                                                                  | F                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Motor Power(kW)                                                                   | 22KW                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Power Frequency(Hz)                                                               | 50HZ                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Rated Voltage (V)                                                                 | 380V                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Rated Current (A)                                                                 | 40.5                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Energy Efficiency Level                                                           | IE3                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Seal                                                                              |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Mechanical Seal                                                                   | CDLA-22/WSF14             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Others                                                                            |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Weight (kg)                                                                       | 231                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Structure dimension                                                               |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Explosed view                                                                     | CDLK(F)32,42exploded view |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

|                                                                                   |                                                      |              |                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------|--------------|-------------------------------------|
|  | <b>Performance Curve</b><br><br><b>CDLK32-120/12</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                   |                                                      | Address      | Hangzhou, Zhejiang, China           |
|                                                                                   |                                                      | Contact      | 86-571-88637351                     |
|                                                                                   |                                                      | Date         | 2025/02/04                          |
| Project Name                                                                      |                                                      | Client Name  | Abo Energy Parseh                   |
| Item NO                                                                           |                                                      | Client Addr. |                                     |
|                                                                                   |                                                      | Contacts     | WEPKO                               |
|                                                                                   |                                                      | Contact      |                                     |



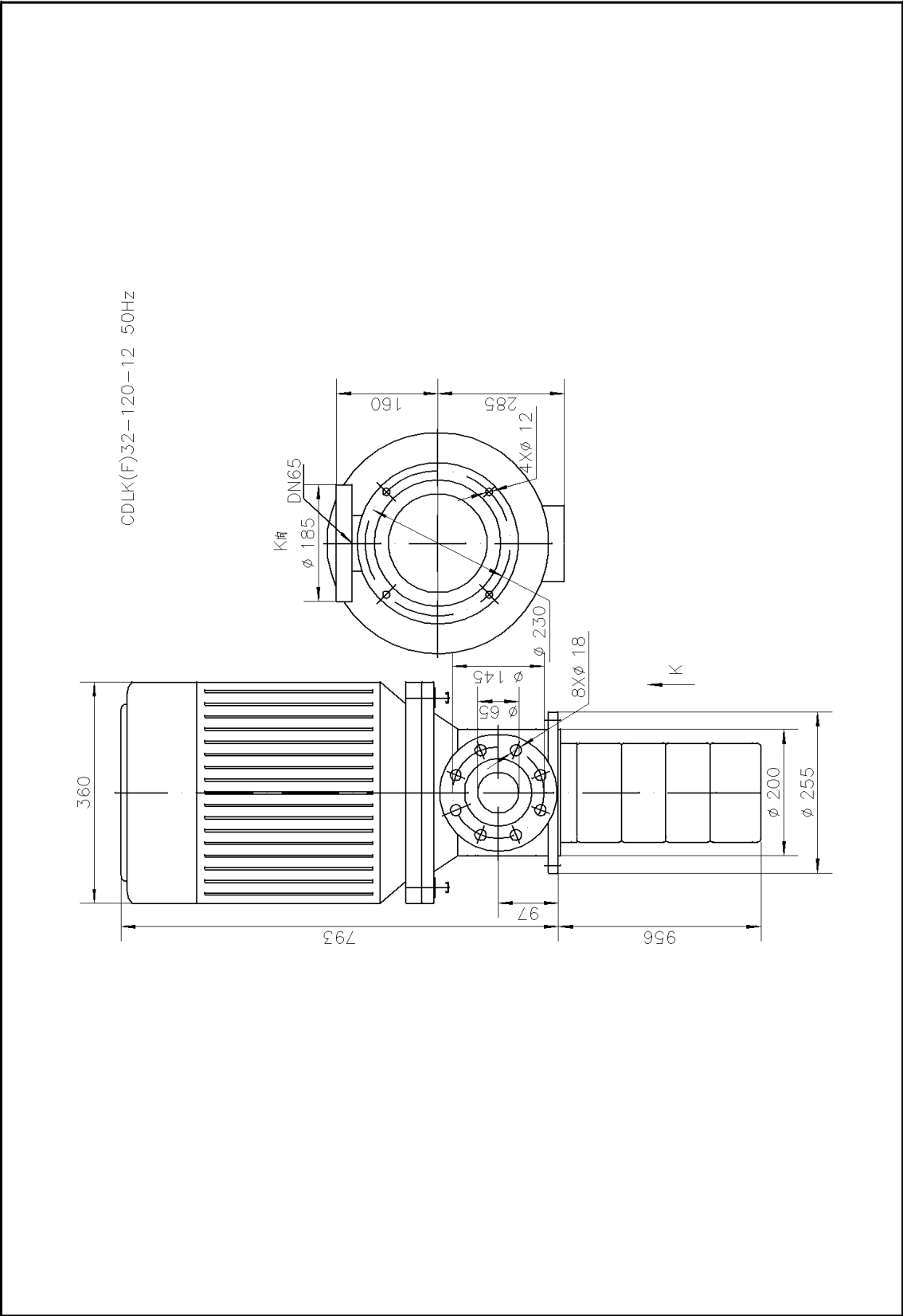
|                                                                                                   |                                                          |              |                                     |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Pump Technical Parameters</b><br><b>CDLK32-120/12</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                                   |                                                          | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                   |                                                          | Contact      | 86-571-88637351                     |
|                                                                                                   |                                                          | Date         | 2025/02/04                          |
| <b>Project Name</b>                                                                               |                                                          | Client Name  | Abo Energy Parseh                   |
|                                                                                                   |                                                          | Client Addr. |                                     |
| <b>Item NO</b>                                                                                    |                                                          | Contacts     | WEPKO                               |
|                                                                                                   |                                                          | Contact      |                                     |

| Rated parameters           |               |
|----------------------------|---------------|
| Pump model                 | CDLK32-120/12 |
| Part NO.                   | 1100057189    |
| Rated flow                 | 32 m³/h       |
| Rated head                 | 167 m         |
| Rated efficiency           | 69 (%)        |
| Power (kW)                 | 21.1 kW       |
| NPSHr (m)                  | 3             |
| Speed (rpm)                | 2900          |
| Max impeller diameter (mm) | 118           |
|                            |               |
| Medium                     |               |
| Pumped medium              | Clean Water   |
| Working temperature (°C)   | 20            |
| Medium density (kg/m³)     | 1000          |
| Viscosity (mm²/s)          | 1             |
|                            |               |

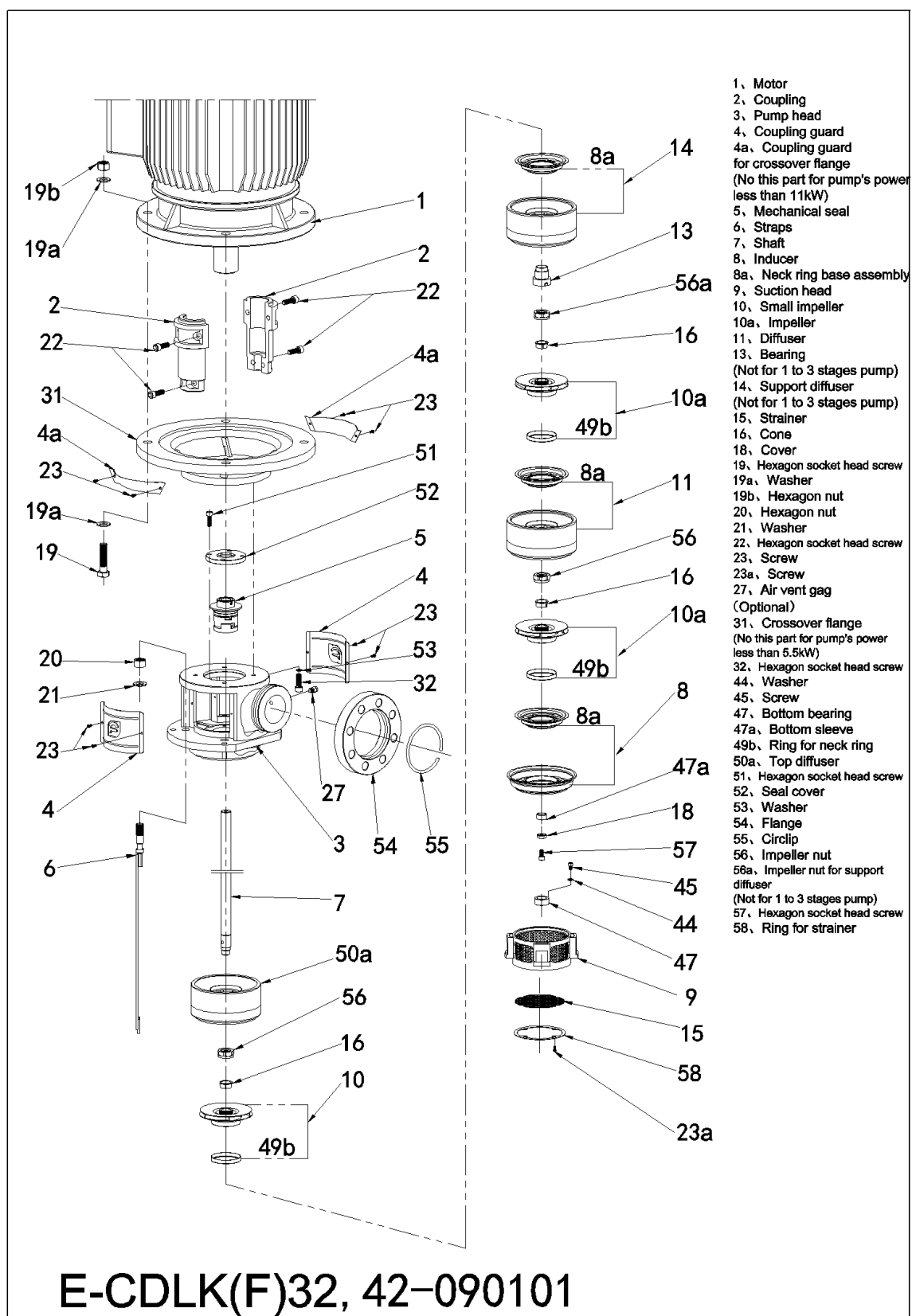
The figure displays four performance graphs for the CDLK32-120/12 pump, plotted against flow rate (Q) in m³/h. The x-axis for all graphs ranges from 0 to 40 m³/h. The y-axes are: Head (H) in meters (0 to 250), Power (P) in kW (0 to 28), Efficiency (η) in percent (0 to 60), and Net Positive Suction Head (NPSH) in meters (0 to 6). The Head curve starts at approximately 235 m at 0 m³/h and decreases to about 125 m at 40 m³/h. The Power curve starts at approximately 10.5 kW at 0 m³/h and increases to about 21.5 kW at 40 m³/h. The Efficiency curve starts at 0% at 0 m³/h, peaks at approximately 75% around 25 m³/h, and then decreases to about 60% at 40 m³/h. The NPSH curve starts at approximately 1 m at 0 m³/h, remains relatively flat until about 20 m³/h, and then increases to about 6 m at 40 m³/h.

| Q (m³/h) | H (m) | P (kW) | η (%) | NPSH (m) |
|----------|-------|--------|-------|----------|
| 0        | 235   | 10.5   | 0     | 1.0      |
| 10       | 225   | 13.5   | 45    | 1.2      |
| 20       | 210   | 16.5   | 65    | 1.1      |
| 30       | 185   | 19.5   | 75    | 2.0      |
| 40       | 125   | 21.5   | 60    | 6.0      |

|                                                                                   |                                                      |              |                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------|--------------|-------------------------------------|
|  | <b>Dimension Drawing</b><br><br><b>CDLK32-120/12</b> | Manufacturer | Nanfeng Pump Industry Co.,Ltd (CNP) |
|                                                                                   |                                                      | Address      | Hangzhou, Zhejiang, China           |
|                                                                                   |                                                      | Contact      | 86-571-88637351                     |
|                                                                                   |                                                      | Date         | 2025/02/04                          |
| Project Name                                                                      |                                                      | Client Name  | Abo Energy Parseh                   |
| Item NO                                                                           |                                                      | Client Addr. |                                     |
|                                                                                   |                                                      | Contacts     | WEPKO                               |
|                                                                                   |                                                      | Contact      |                                     |



|                                                                                                   |                                              |              |                                     |
|---------------------------------------------------------------------------------------------------|----------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Explosed view</b><br><b>CDLK32-120/12</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                                   |                                              | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                   |                                              | Contact      | 86-571-88637351                     |
|                                                                                                   |                                              | Date         | 2025/02/04                          |
| Project Name                                                                                      |                                              | Client Name  | Abo Energy Parseh                   |
| Item NO                                                                                           |                                              | Client Addr. |                                     |
|                                                                                                   |                                              | Contacts     | WEPKO                               |
|                                                                                                   |                                              | Contact      |                                     |



|                                                                                                   |                                                 |              |                                     |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Physical picture</b><br><b>CDLK32-120/12</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                                   |                                                 | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                   |                                                 | Contact      | 86-571-88637351                     |
|                                                                                                   |                                                 | Date         | 2025/02/04                          |
|                                                                                                   |                                                 | Client Name  | Abo Energy Parseh                   |
| <b>Project Name</b>                                                                               |                                                 | Client Addr. |                                     |
| <b>Item NO</b>                                                                                    |                                                 | Contacts     | WEPKO                               |
|                                                                                                   |                                                 | Contact      |                                     |



|                                                                                                   |                                           |              |                                     |
|---------------------------------------------------------------------------------------------------|-------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Order Data</b><br><b>CDLK32-120/12</b> | Manufacturer | Nanfeng Pump Industry Co.,Ltd (CNP) |
|                                                                                                   |                                           | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                   |                                           | Contact      | 86-571-88637351                     |
|                                                                                                   |                                           | Date         | 2025/02/04                          |
| <b>Project Name</b>                                                                               |                                           | Client Name  | Abo Energy Parseh                   |
|                                                                                                   |                                           | Client Addr. |                                     |
| <b>Item NO</b>                                                                                    |                                           | Contacts     | WEPKO                               |
|                                                                                                   |                                           | Contact      |                                     |

Pump model CDLK32-120/12

Part NO. 1100057189

Product price

Quantity 1

Total price

Inquiry notes