

|                                                                                   |                                                    |              |                                     |
|-----------------------------------------------------------------------------------|----------------------------------------------------|--------------|-------------------------------------|
|  | <b>Product Information</b><br><br><b>CDM42-6-2</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                   |                                                    | Address      | Hangzhou, Zhejiang, China           |
|                                                                                   |                                                    | Contact      | 86-571-88637351                     |
|                                                                                   |                                                    | Date         | 2025/07/08                          |
| <b>Project Name</b>                                                               |                                                    | Client Name  | WEPKO                               |
|                                                                                   |                                                    | Client Addr. |                                     |
| <b>Item NO</b>                                                                    |                                                    | Contacts     | Wepko                               |
|                                                                                   |                                                    | Contact      |                                     |

|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part NO.                                                                          | 1100104987                                                                                                                                                                                                                                                                                                                                                                          |
| Product Picture: (Note: Images may not be the same as the product)                | Note                                                                                                                                                                                                                                                                                                                                                                                |
|  | <p>CDM/CDMF pumps are new generation, high efficiency, non-self-priming vertical multistage centrifugal pumps (Abbr. as pumps). It referred to European standard, adopted entirely new industrial design, efficiency achieved MEI≥0.7. It is energy saving, low noise, environment friendly, compact design, beautiful shape, light weight, easy for service, high reliability.</p> |

Nameplate parameters

|                  |          |
|------------------|----------|
| Flow             | 42 m³/h  |
| Head             | 113 m    |
| Efficiency       | 69.8 %   |
| Speed            | 2900 rpm |
| Number of stages | 6        |

Technology

|                     |      |
|---------------------|------|
| Pump rotator speed  | 2900 |
| Nameplate standards | CE   |
| Pump version        | 2    |

Material

|                      |     |
|----------------------|-----|
| Impeller             | 304 |
| Rubber code          | P   |
| Inlet&outlet chamber | 304 |
| Material Code        | S   |

Installation

|                                                 |                 |
|-------------------------------------------------|-----------------|
| Connection Code                                 | F               |
| Maximum Pressure/Temperature (high temperature) | 25 bar / 120 °C |
| Maximum Pressure/Temperature (low temperature)  | 25 bar / -15 °C |
| Flange Standard                                 | DIN             |
| Pressure Class                                  | PN25-40         |
| Inlet & outlet                                  | DN80            |

Medium

|                                       |             |
|---------------------------------------|-------------|
| Medium Temperature normal temperature | -15°C+70°C  |
| Medium Temperature high temperature   | -15°C+120°C |
| Maximum Environment Temperature       | 40°C        |

Structure dimension

|               |              |
|---------------|--------------|
| Model picture | F Flange     |
| Expolded view | CDMF32,42,65 |

|                                                                                                   |                                                    |              |                                     |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------|-------------------------------------|
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|                                                                                                   |                                                    | Contact      | 86-571-88637351                     |
|                                                                                                   |                                                    | Date         | 2025/07/08                          |
| <b>Project Name</b>                                                                               |                                                    | Client Name  | WEPKO                               |
|                                                                                                   |                                                    | Client Addr. |                                     |
| <b>Item NO</b>                                                                                    |                                                    | Contacts     | Wepko                               |
|                                                                                                   |                                                    | Contact      |                                     |

**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)       | 40.5A       |
| Energy Efficiency Level | IE3         |

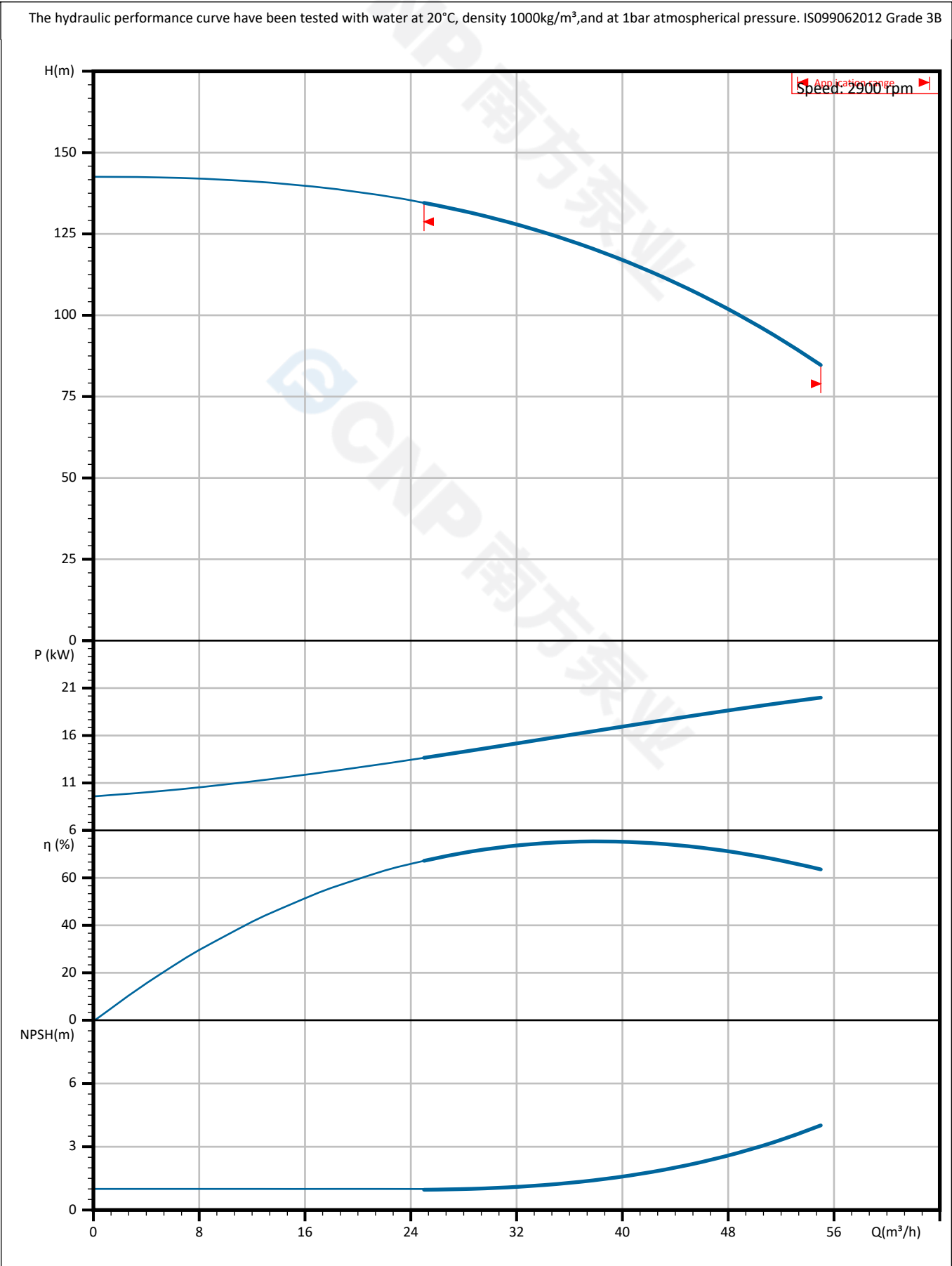
**Seal**

|                 |                |
|-----------------|----------------|
| Mechanical Seal | CDLA-22/WB1F14 |
|-----------------|----------------|

**Others**

|             |     |
|-------------|-----|
| Weight (kg) | 261 |
|-------------|-----|

|                                                                                                   |                                                  |              |                                     |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Performance Curve</b><br><br><b>CDM42-6-2</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                                   |                                                  | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                   |                                                  | Contact      | 86-571-88637351                     |
|                                                                                                   |                                                  | Date         | 2025/07/08                          |
| Project Name                                                                                      |                                                  | Client Name  | WEPKO                               |
| Item NO                                                                                           |                                                  | Client Addr. |                                     |
|                                                                                                   |                                                  | Contacts     | Wepko                               |
|                                                                                                   |                                                  | Contact      |                                     |



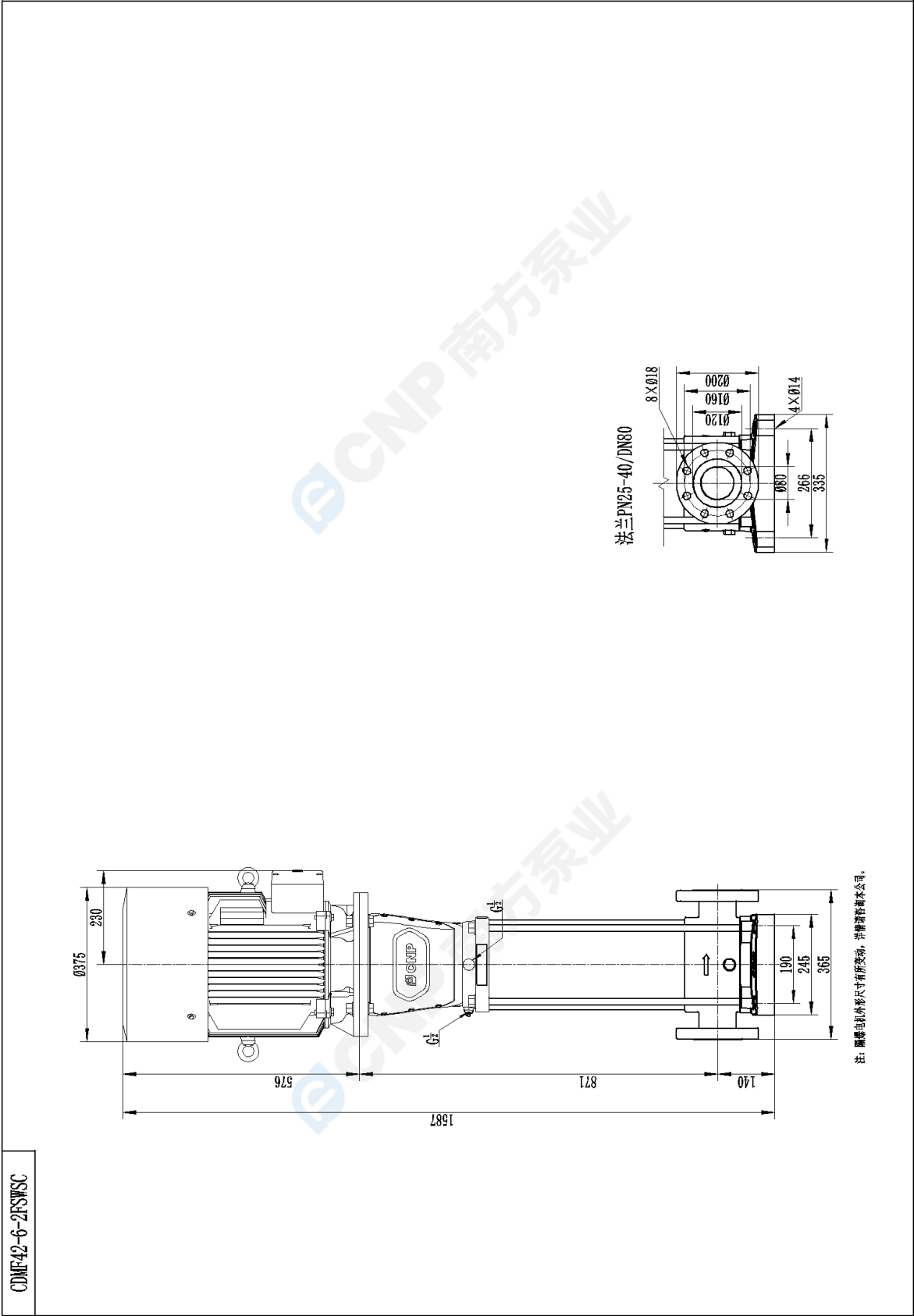
|                                                                                                              |                                                                         |              |                                     |
|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------|-------------------------------------|
| <div> <b>CNP 南方泵业</b></div> | <div><b>Pump Technical Parameters</b></div> <div><b>CDM42-6-2</b></div> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                                              |                                                                         | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                              |                                                                         | Contact      | 86-571-88637351                     |
|                                                                                                              |                                                                         | Date         | 2025/07/08                          |
|                                                                                                              |                                                                         | Client Name  | WEPKO                               |
| Project Name                                                                                                 |                                                                         | Client Addr. |                                     |
| Item NO                                                                                                      |                                                                         | Contacts     | Wepko                               |
|                                                                                                              |                                                                         | Contact      |                                     |

| Rated parameters           |            |
|----------------------------|------------|
| Pump model                 | CDM42-6-2  |
| Part NO.                   | 1100104987 |
| Rated flow                 | 42 m³/h    |
| Rated head                 | 113 m      |
| Rated efficiency           | 69.8 (%)   |
| Power (kW)                 | 18.5 kW    |
| NPSHr (m)                  | 2.5        |
| Speed (rpm)                | 2900       |
| Max impeller diameter (mm) | 136        |
|                            |            |
| Medium                     |            |
| Pumped medium              | water      |
| Working temperature (°C)   | 20         |
| Medium density (kg/m³)     | 1000       |
| Viscosity (mm²/s)          | 1          |
|                            |            |

The figure displays four performance curves for the CDM42-6-2 pump, plotted against flow rate (Q) in m³/h. The x-axis for all graphs ranges from 0 to 60 m³/h, with major ticks at 0, 16, 32, 48, and 60. The y-axes are: Head (H) in meters (0 to 175), Power (P) in kW (0 to 28), Efficiency (η) in percent (0 to 60), and NPSH in meters (0 to 6). The Head curve starts at approximately 140 m at Q=0 and decreases to about 85 m at Q=60. The Power curve starts at approximately 10.5 kW at Q=0 and increases to about 20.5 kW at Q=60. The Efficiency curve starts at 0% at Q=0, rises to a peak of about 58% at Q=35, and then slightly decreases to about 55% at Q=60. The NPSH curve starts at approximately 1.5 m at Q=0 and increases to about 4.5 m at Q=60.

| Q (m³/h) | H (m) | P (kW) | η (%) | NPSH (m) |
|----------|-------|--------|-------|----------|
| 0        | 140   | 10.5   | 0     | 1.5      |
| 16       | 135   | 12.5   | 35    | 1.5      |
| 32       | 125   | 15.5   | 55    | 1.5      |
| 48       | 105   | 19.5   | 58    | 2.5      |
| 60       | 85    | 20.5   | 55    | 4.5      |

|                                                                                   |                                                  |              |                                     |
|-----------------------------------------------------------------------------------|--------------------------------------------------|--------------|-------------------------------------|
|  | <b>Dimension Drawing</b><br><br><b>CDM42-6-2</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                   |                                                  | Address      | Hangzhou, Zhejiang, China           |
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|                                                                                                   |                                              |              |                                     |
|---------------------------------------------------------------------------------------------------|----------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Explosed view</b><br><br><b>CDM42-6-2</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
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|                                                                                                   |                                              | Contact      | 86-571-88637351                     |
|                                                                                                   |                                              | Date         | 2025/07/08                          |
| Project Name                                                                                      |                                              | Client Name  | WEPKO                               |
| Item NO                                                                                           |                                              | Client Addr. |                                     |
|                                                                                                   |                                              | Contacts     | Wepko                               |
|                                                                                                   |                                              | Contact      |                                     |



Drawing 1-I CDMF32, 42, 65-240704

|                                                                                                   |                                                 |              |                                     |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------|-------------------------------------|
|  <b>CNP 南方泵业</b> | <b>Physical picture</b><br><br><b>CDM42-6-2</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                                   |                                                 | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                   |                                                 | Contact      | 86-571-88637351                     |
|                                                                                                   |                                                 | Date         | 2025/07/08                          |
|                                                                                                   |                                                 | Client Name  | WEPKO                               |
| <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><br><b>CDM42-6-2</b> | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|                                                                                                   |                                           | Address      | Hangzhou, Zhejiang, China           |
|                                                                                                   |                                           | Contact      | 86-571-88637351                     |
|                                                                                                   |                                           | Date         | 2025/07/08                          |
|                                                                                                   |                                           | Client Name  | WEPKO                               |
| <b>Project Name</b>                                                                               |                                           | Client Addr. |                                     |
| <b>Item NO</b>                                                                                    |                                           | Contacts     | Wepko                               |
|                                                                                                   |                                           | Contact      |                                     |

Pump model CDM42-6-2

Part NO. 1100104987

Product price

Quantity 1

Total price

Inquiry notes