| CNP 南方泵业 | Product Information<br>CDS1-16 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/06 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | SIRI |
| | | Contact | |

| Part NO. | 1100107126 |
|---|---|
| Product Picture: (Note: Images may not be the same as the product) | Note |
|  | CDS pumps are designed for a variety of applications from the pumping of potable water to the pumping of industrial liquids.<br>Applied for liquids of different rated flow, different pressure range.<br>It is energy saving, low noise, environment friendly, compact design, light weight, easy for service, high reliability. |

## Nameplate parameters

| | |
|---|---|
| Flow | 1 $m^3/h$ |
| Head | 89 m |
| Unit Eta | 37 % |
| Speed | 2900 rpm |
| Number of stages | 16 |

## Technology

| | |
|---|---|
| Pump rotator speed | 2900 |
| Nameplate standards | GE |
| Pump version | 1 |

## Material

| | |
|---|---|
| Impeller | 304 |
| Rubber code | P |
| Inlet&outlet chamber | HT200 |

## Installation

| | |
|---|---|
| Connection Code | L |
| Maximum Pressure/Temperature (high temperature) | 10bar/70°C |
| Maximum Pressure/Temperature (low temperature) | 10 bar / -15 °C |
| Flange Standard | G |
| Pressure Class | PN10 |
| Inlet & outlet | G1 1/4 |

## Medium

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

| | |
|---|---|
| Expolded view | E-CDS1~5 exploded view180101 |

## Motor

| | |
|---|---|
| Number of Motor Phase | Three Phase |
| Protection Class | IP55 |
| Insulation Class | F |
| Motor Power(kW) | 1.1KW |
| Power Frequency(Hz) | 50HZ |
| Rated Voltage (V) | 380V |
| Rated Current (A) | 4.4/2.5A |
| Energy Efficiency Level | IE2 |



The manufacturer may change the dimensions and specifications without notice.

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|---|---|---|---|
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| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/06 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | SIRI |
| | | Contact | |

## Seal

| | |
|---|---|
| Mechanical Seal | CDS-JF12/BSP4 |

## Others

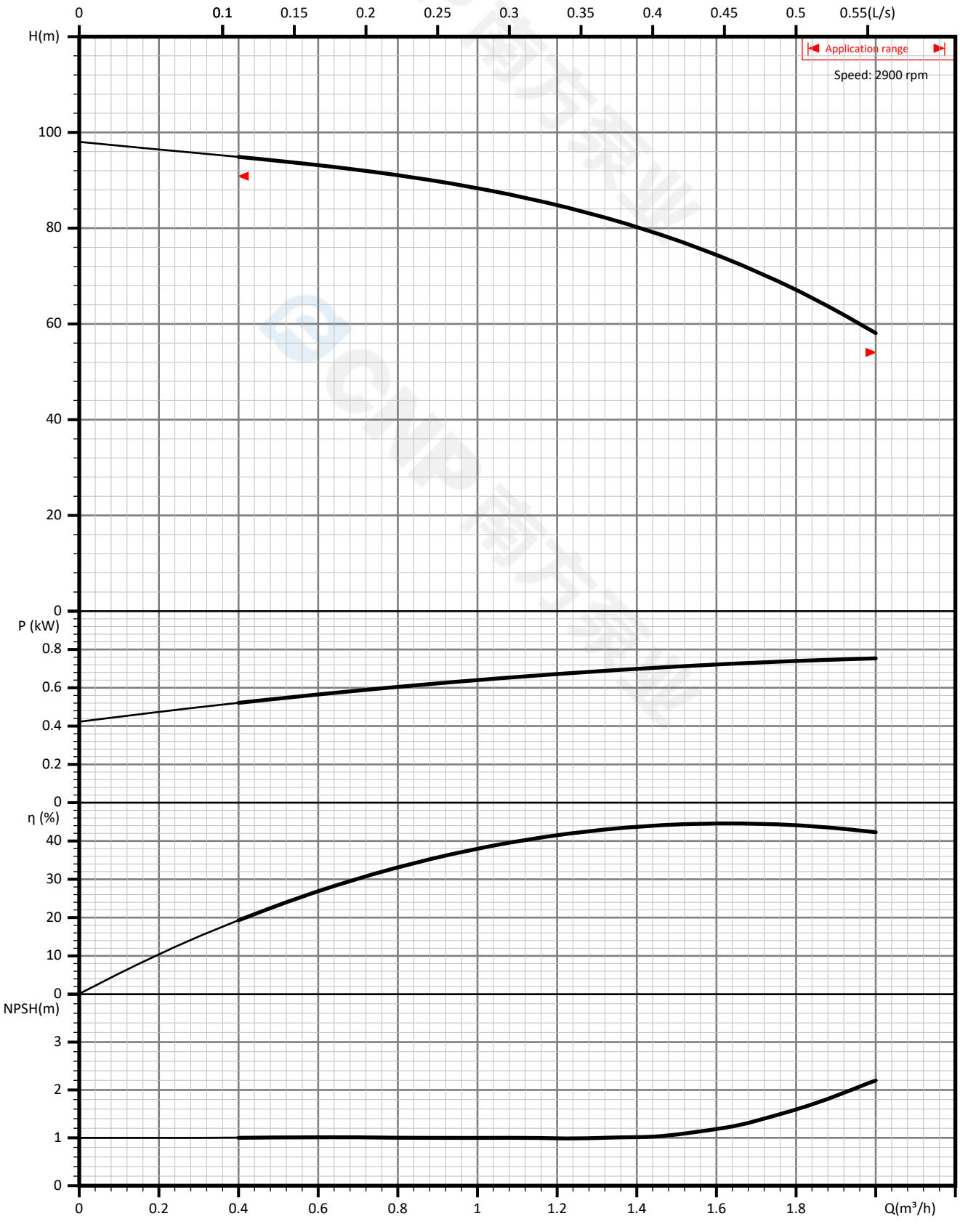
| | |
|---|---|
| Weight (kg) | 26 |



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Performance Curve<br>CDS1-16 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/06 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | SIRI |
| | | Contact | |

The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar at mospherical pressure.
IS099062012 Grade 3B



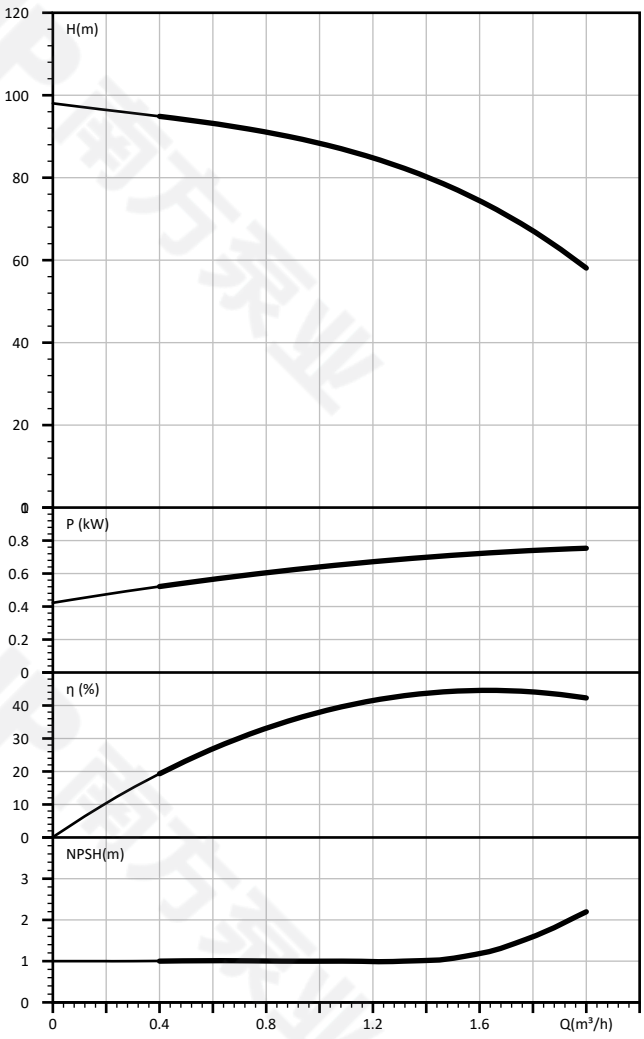



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Pump Technical Parameters<br>CDS1-16 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/06 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | SIRI |
| | | Contact | |

| **Rated parameters** | |
|---|---|
| Pump model | CDS1-16 |
| Part NO. | 1100107126 |
| Rated flow | 1 $m^3/h$ |
| Rated head | 89 m |
| Rated Unit Eta | 37 % |
| Rated Input Power | 0.66 kW |
| NPSHr | 2 m |
| Speed | 2900 rpm |
| Max impeller diameter | 75 mm |

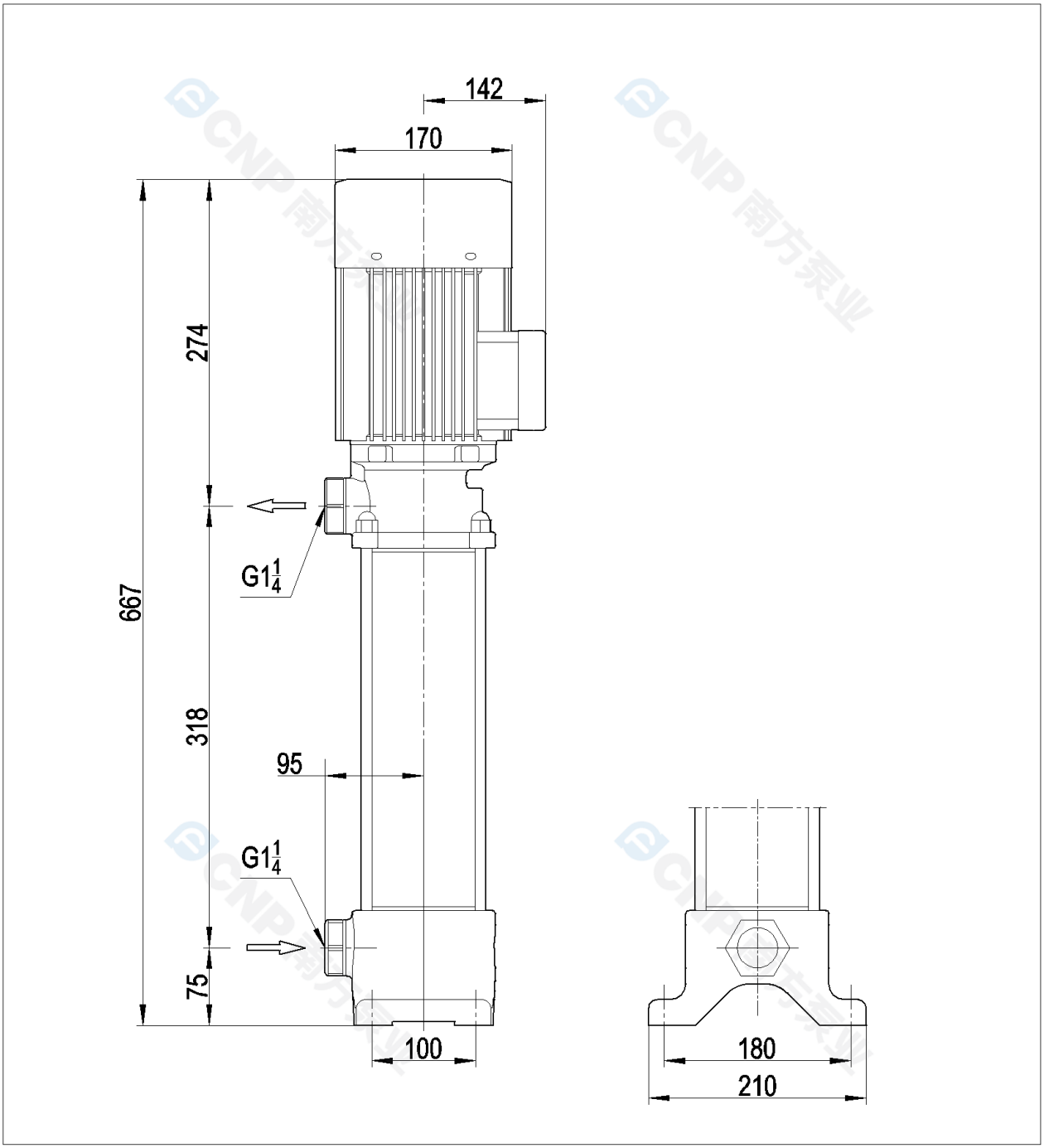
| **Medium** | |
|---|---|
| Pumped medium | water |
| Working temperature | 20 °C |
| Medium density | 1000 $kg/m^3$ |
| Viscosity | 1 $mm^2/s$ |






The manufacturer may change the dimensions and specifications without notice.

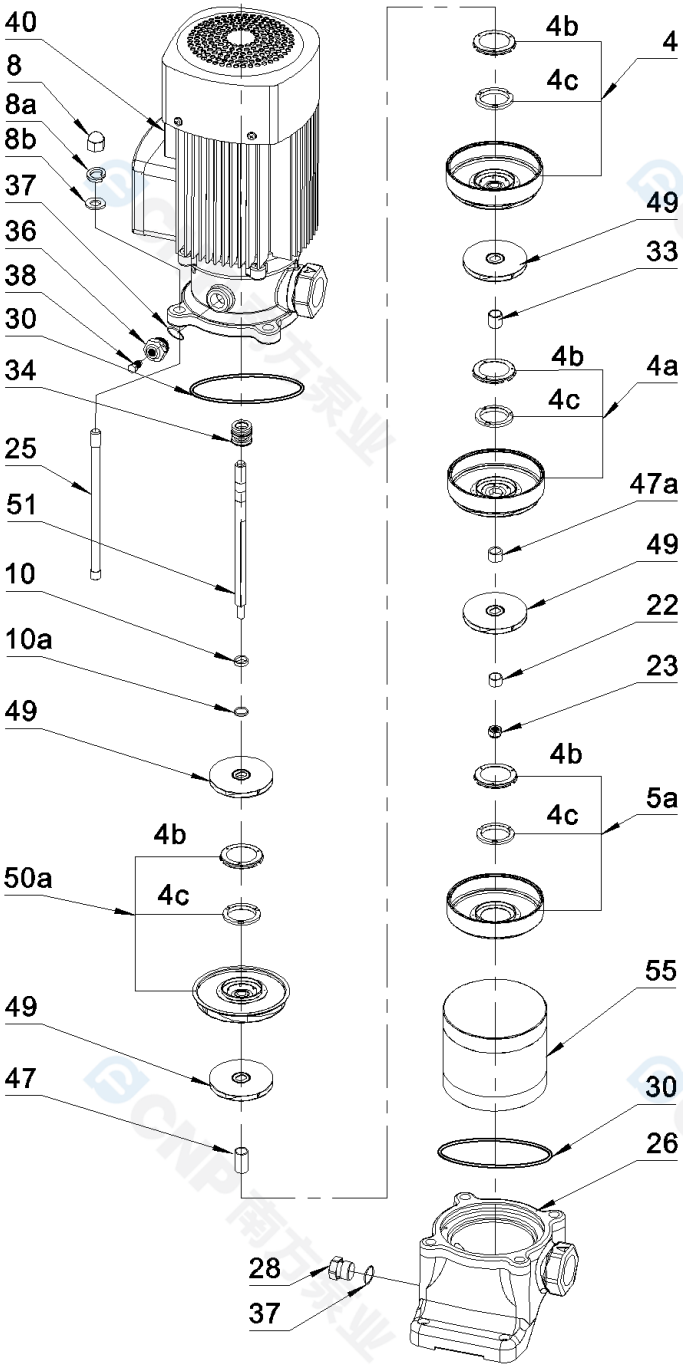
| | | | |
|---|---|---|---|
| CNP 南方泵业 | **Dimension Drawing**<br>**CDS1-16** | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/06 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | SIRI |
| | | Contact | |






The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Expolded view<br>CDS1-16 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/06 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | SIRI |
| | | Contact | |




4、Diffuser
4a、Support diffuser
4b、Neck ring cover
4c、Neck ring
5a、Inducer
8、Cap Nut M12
8a、Spring Washer 12
8b、washer 12
10、Circlip cover
10a、Adjusting shim
22、First impeller cover
23、Nut M8-LH
25、Stay bolt
26、Suction
28、Drainage screw
30、O ring 120×3.55
33、Impeller sleeve(S)
34、Mechanical seal
36、Air vent nut
37、O ring 16×2.8
38、Air vent screw
40、Motor
47、Impeller sleeve
47a、Bearing
49、Impeller
50a、Top diffuser
51、Shaft
55、Cylinder

E-CDS1,2,3,4,5-180101



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Physical picture<br>CDS1-16 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/06 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | SIRI |
| | | Contact | |





The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Order Data<br>CDS1-16 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/10/06 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | SIRI |
| | | Contact | |

| | |
|---|---|
| Pump model | CDS1-16 |
| Part NO. | 1100107126 |
| Product price | |
| Quantity | 1 |
| Total price | |

Inquiry notes