| CNP 南方泵业 | Product Information<br>CDMFE15-12 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/09/29 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | SIRI |
| | | Contact | |

| Part NO. | 1100185915 |
|---|---|
| Product Picture: (Note: Images may not be the same as the product) | Note |
|  | CDM(F)E series vertical multi-stage intelligent variable frequency pump is a vertical multi-stage centrifugal pump equipped with intelligent variable frequency controller, which can realize constant pressure, constant temperature, constant pressure difference and other intelligent control functions by connecting pressure or temperature sensors. |

## Nameplate parameters

| | |
|---|---|
| Flow | 15 m³/h |
| Head | 142 m |
| Unit Eta | 71 % |
| Speed | 2900 rpm |
| Number of stages | 12 |

## Technology

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

## Material

| | |
|---|---|
| Material Code | S |

## Installation

| | |
|---|---|
| Connection Code | F |
| Maximum Pressure/Temperature (high temperature) | 24 bar / 120 °C |
| Maximum Pressure/Temperature (low temperature) | 24 bar / -15 °C |
| Flange Standard | DIN |
| Pressure Class | PN25 |
| Inlet & outlet | DN50 |

## Medium

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

## Motor

| | |
|---|---|
| Number of Motor Phase | Three Phase |
| Protection Class | IP55 |
| Insulation Class | F |
| Motor Power(kW) | 11KW |
| Power Frequency(Hz) | 50Hz |
| Rated Voltage (V) | 380V |
| Rated Current (A) | 20.6A |
| Energy Efficiency Level | IE3 |



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Product Information<br>CDMFE15-12 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/09/29 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | SIRI |
| | | Contact | |

## Seal

| | |
|---|---|
| Mechanical Seal | CDLA-16/S2B1F14 |

## Others

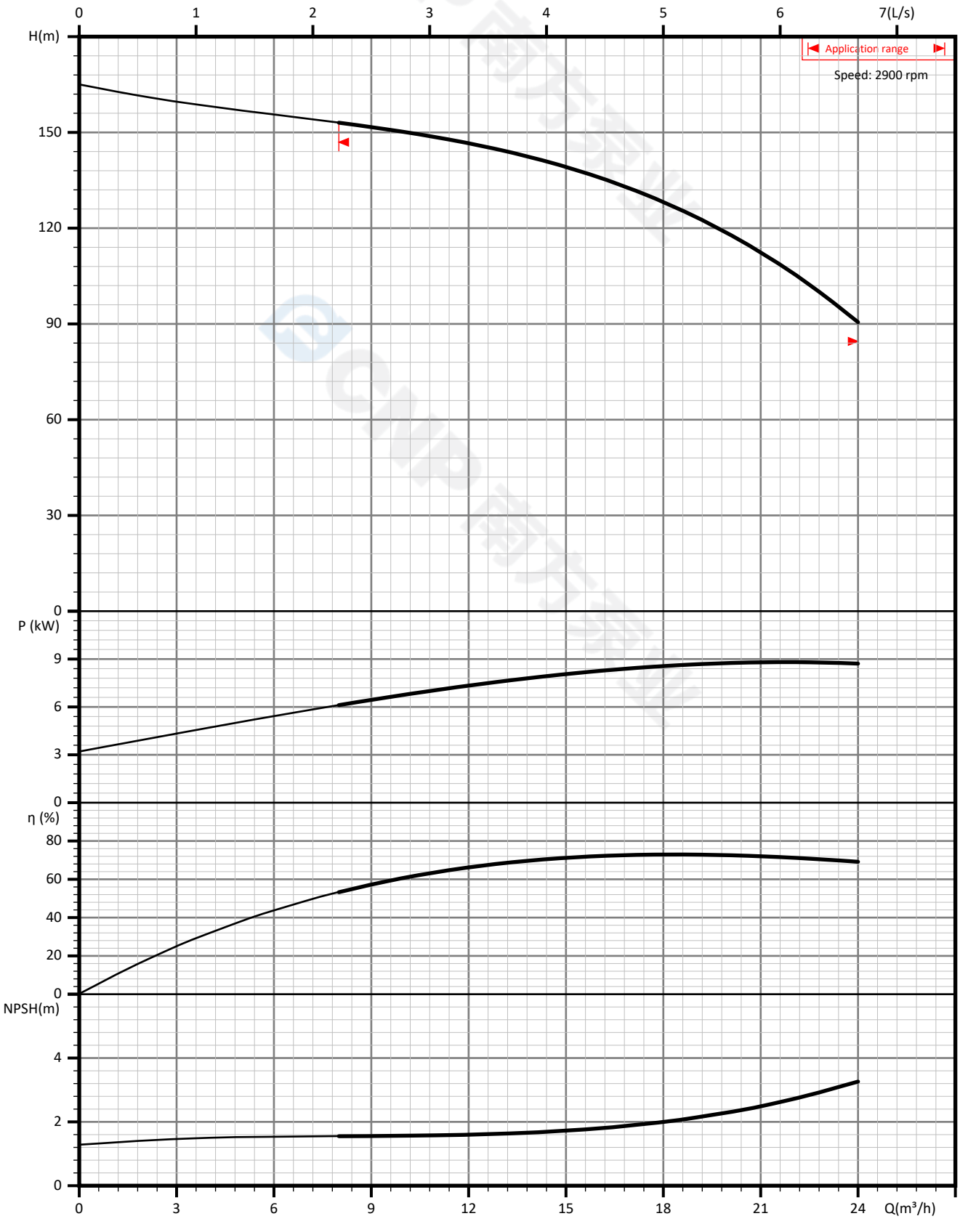
| | |
|---|---|
| Weight (kg) | 161 |



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Performance Curve<br>CDMFE15-12 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/09/29 |
| 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



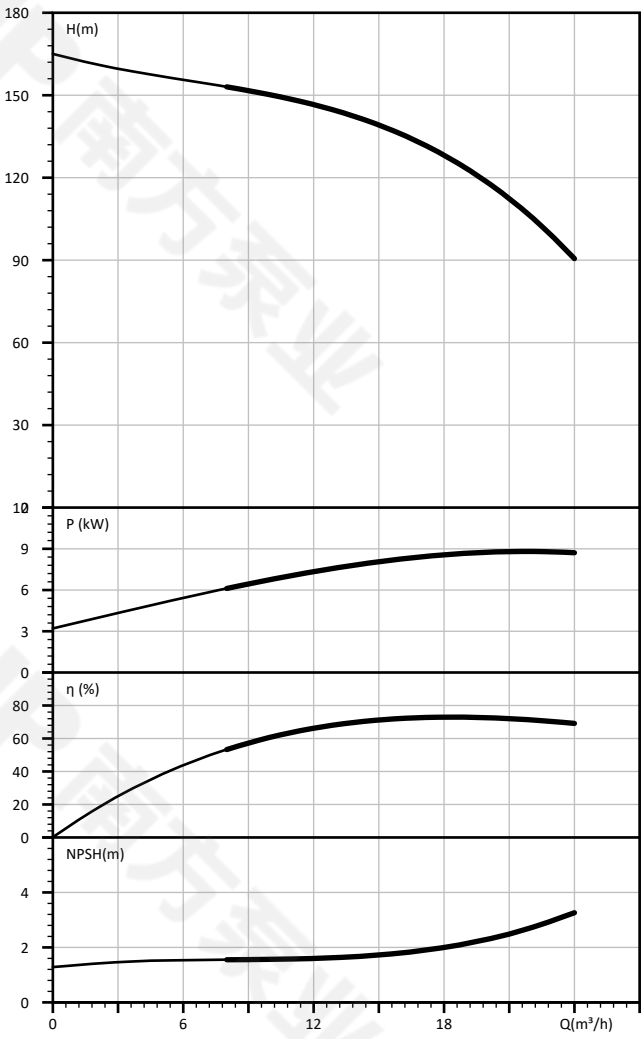



The manufacturer may change the dimensions and specifications without notice.

| CNP 南方泵业 | Pump Technical Parameters<br>CDMFE15-12 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/09/29 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | SIRI |
| | | Contact | |

| **Rated parameters** | |
|---|---|
| Pump model | CDMFE15-12 |
| Part NO. | 1100185915 |
| Rated flow | 15 m³/h |
| Rated head | 142 m |
| Rated Unit Eta | 71 % |
| Rated Input Power | 8.18 kW |
| NPSHr | 1.8 m |
| Speed | 2900 rpm |
| Max impeller diameter | 105.2 mm |

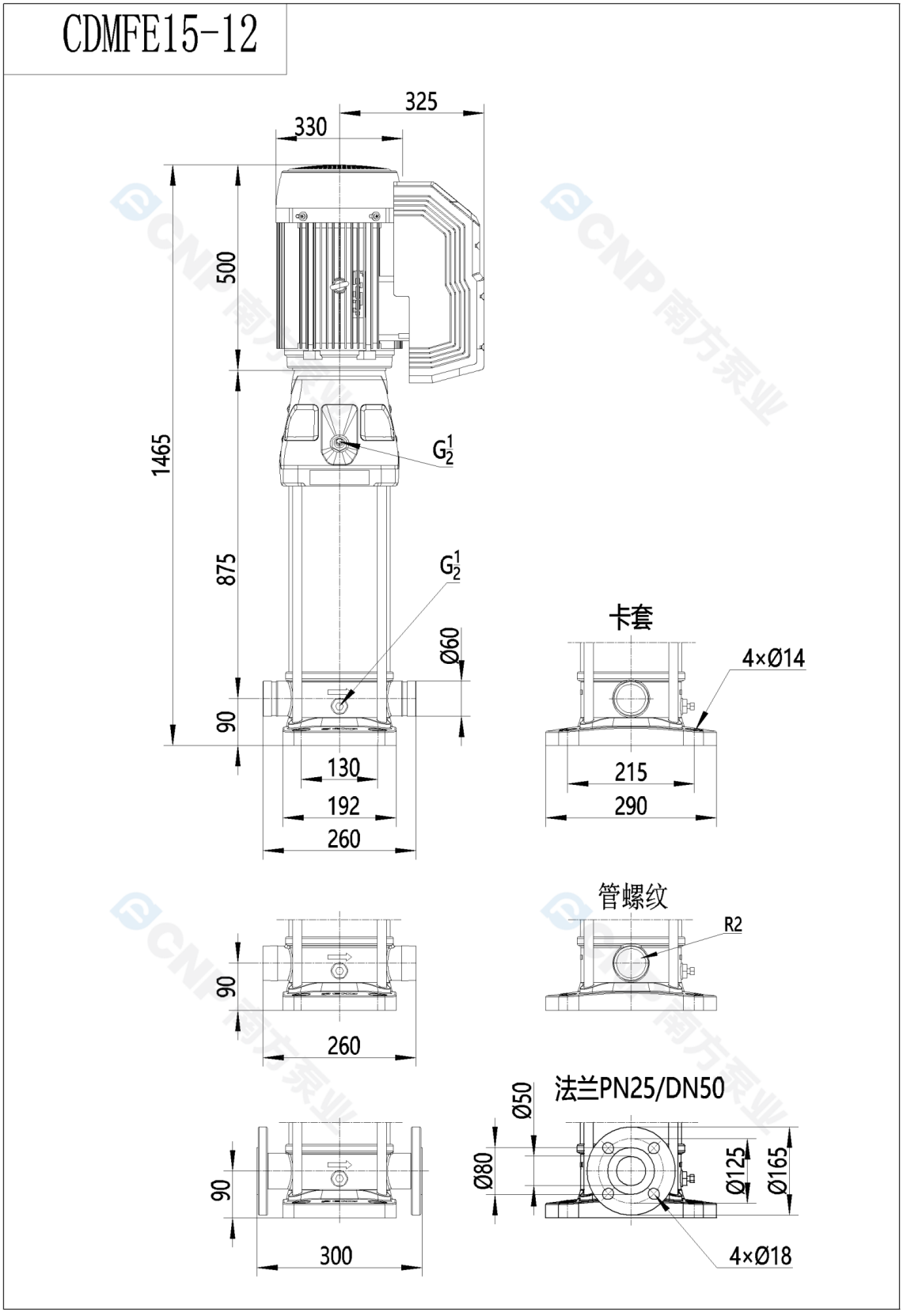
| **Medium** | |
|---|---|
| Pumped medium | water |
| Working temperature | 20 °C |
| Medium density | 1000 kg/m³ |
| Viscosity | 1 mm²/s |






The manufacturer may change the dimensions and specifications without notice.

| | | | |
|---|---|---|---|
| CNP 南方泵业 | Dimension Drawing<br>CDMFE15-12 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/09/29 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | SIRI |
| | | Contact | |

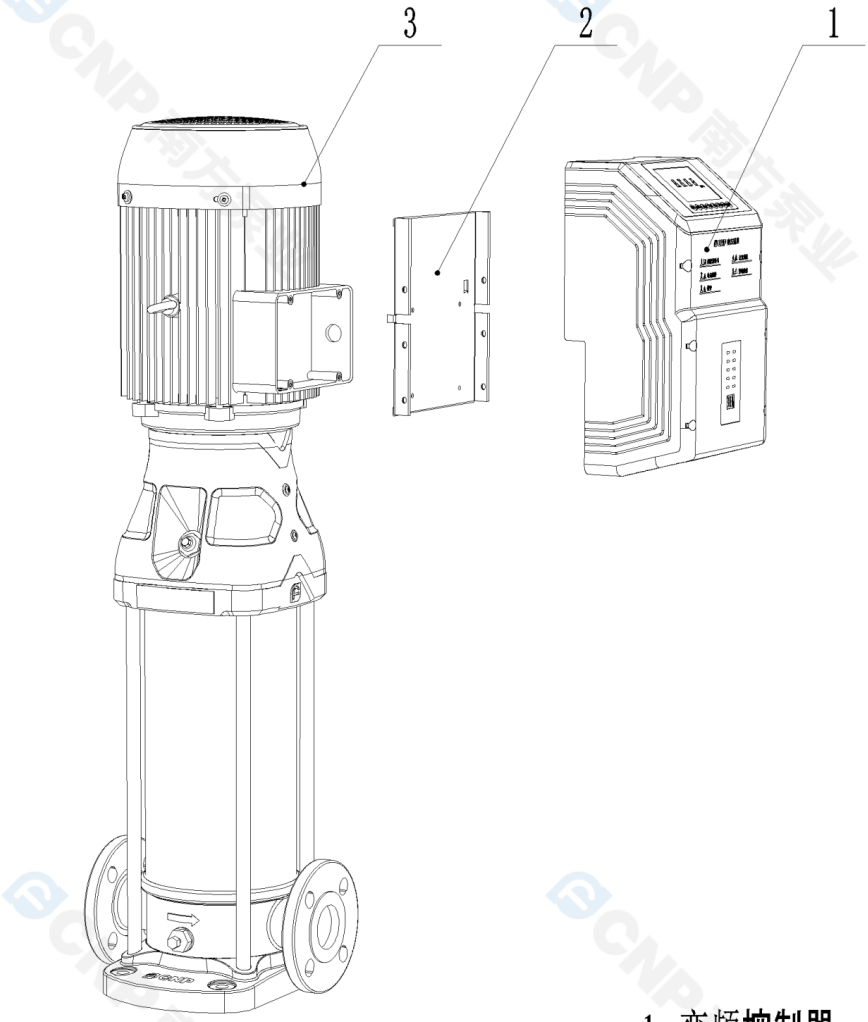





The manufacturer may change the dimensions and specifications without notice.

| | | | |
|---|---|---|---|
| CNP 南方泵业 | Expolded view<br>CDMFE15-12 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/09/29 |
| Project Name | | Client Name | |
| | | Client Addr. | |
| Item NO | | Contacts | SIRI |
| | | Contact | |

CDME 爆炸图




1、变频控制器
2、连接板
3、CDM/CDMF 泵



The manufacturer may change the dimensions and specifications without notice.

| | | | |
|---|---|---|---|
| CNP 南方泵业 | Physical picture<br>CDMFE15-12 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/09/29 |
| 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>CDMFE15-12 | Manufacturer | Nanfang Pump Industry Co.,Ltd (CNP) |
|---|---|---|---|
| | | Address | Hangzhou, Zhejiang, China |
| | | Contact | 86-571-88637351 |
| | | Date | 2026/09/29 |
| **Project Name** | | Client Name | |
| | | Client Addr. | |
| **Item NO** | | Contacts | SIRI |
| | | Contact | |

| | |
|---|---|
| Pump model | CDMFE15-12 |
| Part NO. | 1100185915 |
| Product price | |
| Quantity | 1 |
| Total price | |

Inquiry notes