

# HLC series

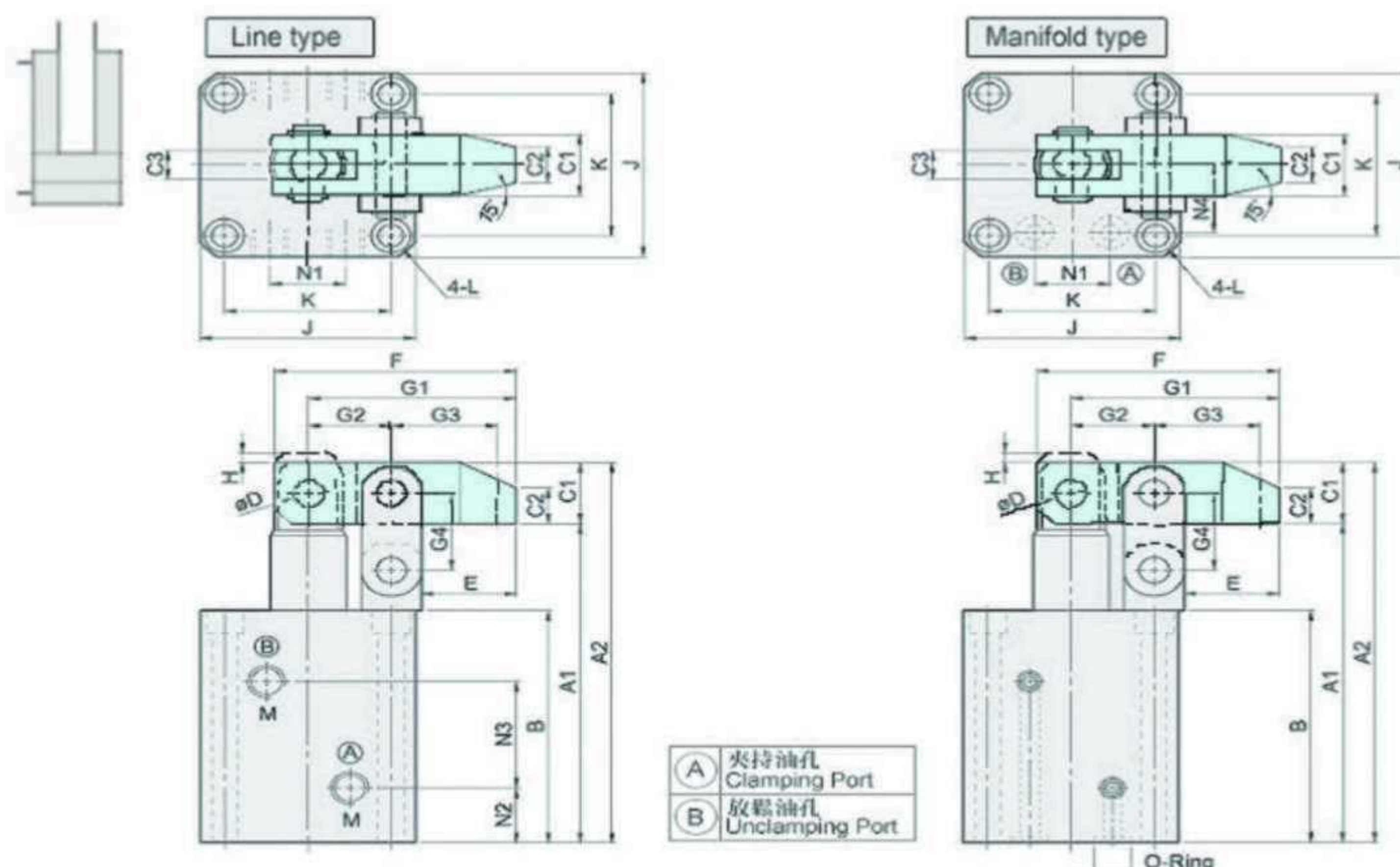
# Hydraulic lever-type Clamping Cylinder

最大使用壓力 Max:70kg/cm<sup>2</sup>

Bore:ø25-ø63mm

管接式: Line Type

油路板式: Manifold Type



| 規格型號<br>Type                               | 管接式 Line Type<br>油路板型 O-ring Manifold | HLC-25<br>HLC-M25 | HLC-32<br>HLC-M32 | HLC-40<br>HLC-M40 | HLC-50<br>HLC-M50 | HLC-63<br>HLC-M63 |
|--------------------------------------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 油缸內徑 bore of cylinder                      |                                       | ø25               | ø32               | ø40               | ø50               | ø63               |
| 活塞杆徑 piston rod dia.                       |                                       | ø18               | ø20               | ø22.4             | ø28               | ø35               |
| 總行程 total stroke                           |                                       | 25                | 25                | 30                | 34                | 40                |
| 受壓面積 拉入/推出 cm <sup>2</sup>                 |                                       | 2.37/4.91         | 4.9/8.04          | 8.63/12.57        | 13.47/19.63       | 21.56/31.17       |
| 理論夾力(30kg/cm <sup>2</sup> ) clamping force |                                       | 116               | 190               | 288               | 453               | 701               |
| 使用流體 fluid                                 | filtered hydraulic oil 已濾清之標準液壓油      |                   |                   |                   |                   |                   |
| 最大操作壓力 Max.pressure                        | 70kg/cm <sup>2</sup>                  |                   |                   |                   |                   |                   |
| 使用壓力範圍 normal pressure                     | 5-50kg/cm <sup>2</sup>                |                   |                   |                   |                   |                   |
| 作動方式 acting type                           | 複動式 double acting                     |                   |                   |                   |                   |                   |
| A1                                         |                                       | 103               | 112               | 122               | 137               | 155               |
| A2                                         |                                       | 122               | 131               | 144.2             | 162.4             | 186.8             |
| B                                          |                                       | 76                | 85                | 90                | 100               | 111               |
| C1                                         |                                       | □19               | □19               | □22.2             | □25.4             | □31.8             |
| C2                                         |                                       | 11                | 11                | 13                | 15                | 19                |
| C3                                         |                                       | 9                 | 9                 | 10                | 11                | 15                |
| øD                                         |                                       | ø8                | ø8                | ø10               | ø12               | ø15               |
| E                                          |                                       | 25                | 25                | 30                | 35.5              | 43                |
| F                                          |                                       | 64                | 64                | 77                | 90                | 110               |
| G1                                         |                                       | 55                | 55                | 66                | 77                | 94                |
| G2                                         |                                       | 22                | 22                | 26                | 30                | 36                |
| G3                                         |                                       | 28                | 28                | 34                | 39                | 48                |
| G4                                         |                                       | 24                | 24                | 29                | 33                | 39                |
| H                                          |                                       | 3                 | 3                 | 4                 | 4                 | 4                 |
| J                                          |                                       | 55                | 57                | 69                | 75                | 96                |
| K                                          |                                       | 42                | 44                | 52                | 58                | 75                |
| L                                          |                                       | ø6.8-ø10.5x6.5D   | ø6.8-ø10.5x6.5D   | ø9-ø14x9D         | ø9-ø14x9D         | ø11-ø18x11D       |
| M                                          |                                       | PT1/8             | PT1/8             | PT1/4             | PT1/4             | PT1/4             |
| N1                                         |                                       | 18                | 22                | 26                | 32                | 38                |
| N2                                         |                                       | 17                | 19                | 19                | 21.5              | 22                |
| N3                                         |                                       | 33                | 38                | 40                | 45                | 52                |
| N4                                         |                                       | 20                | 22                | 26                | 30                | 38                |
| 油封 o-ring                                  |                                       | P7                | P7                | P8                | P8                | P9                |
| weight 重量 kg                               |                                       | 1.9               | 2.1               | 3.3               | 4.5               | 8.4               |

unit 單位: mm



# Hydraulic lever-type Clamping Cylinder MF.FA

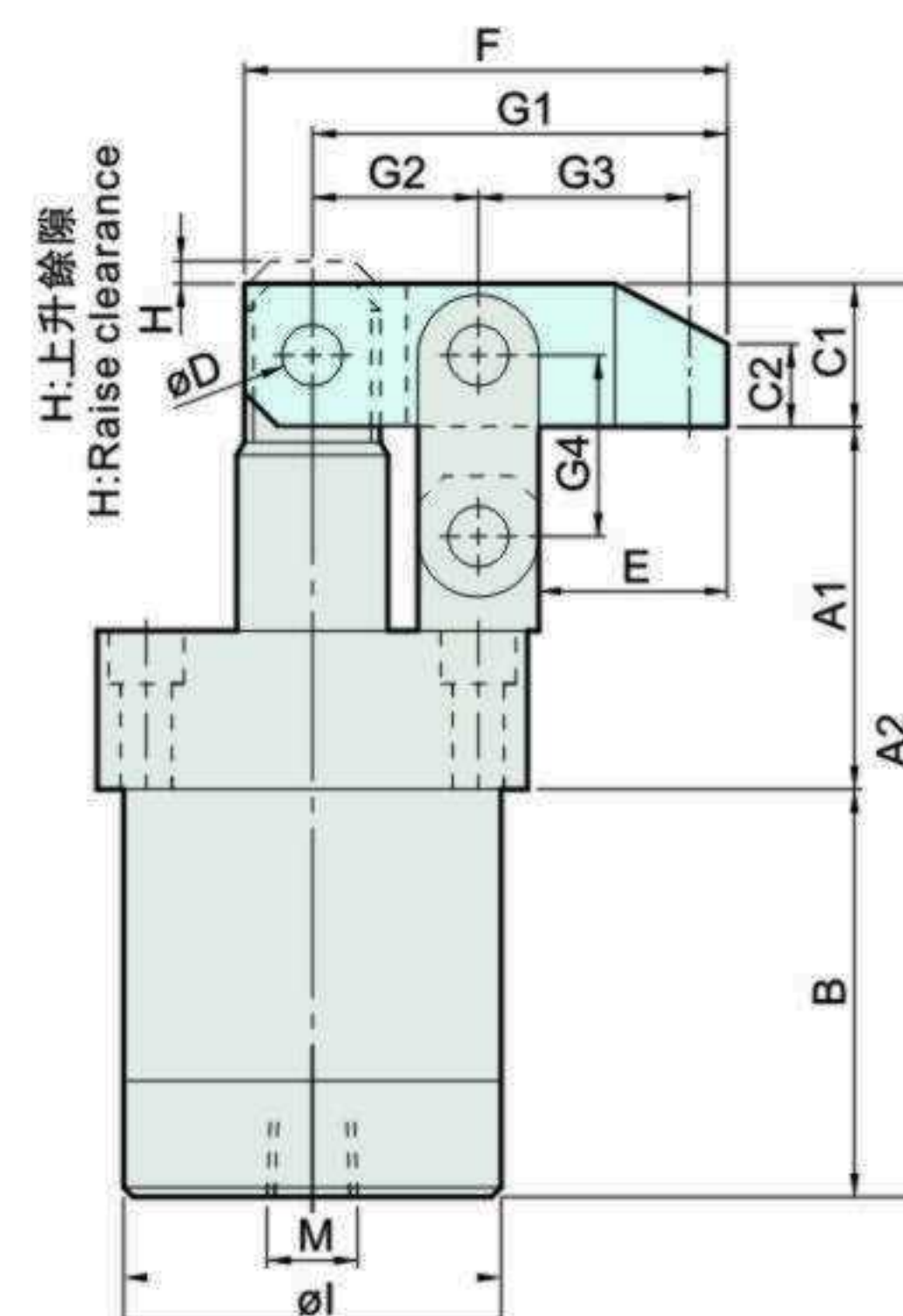
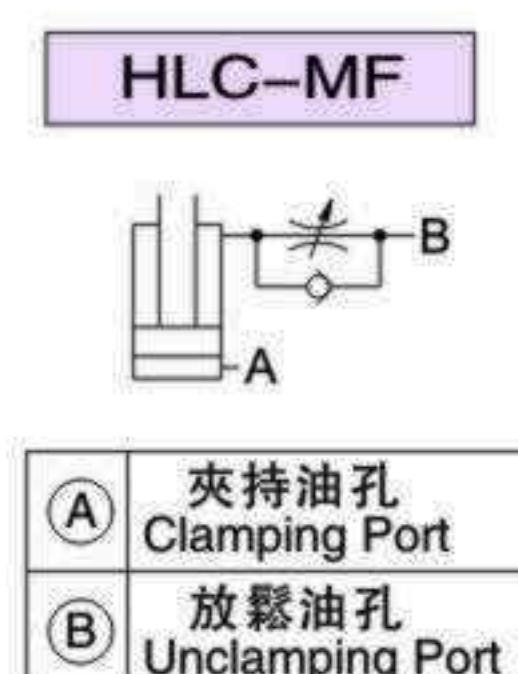
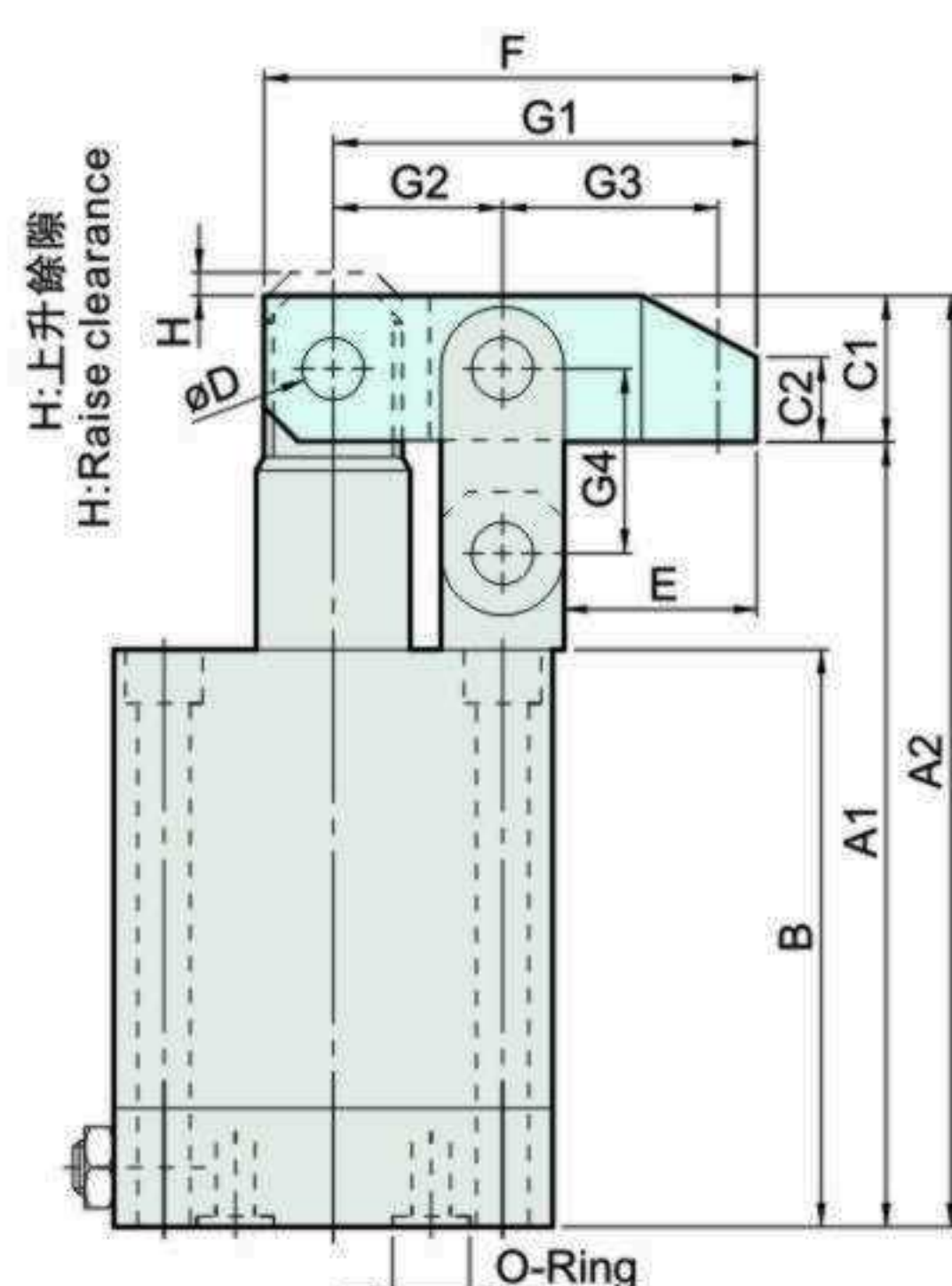
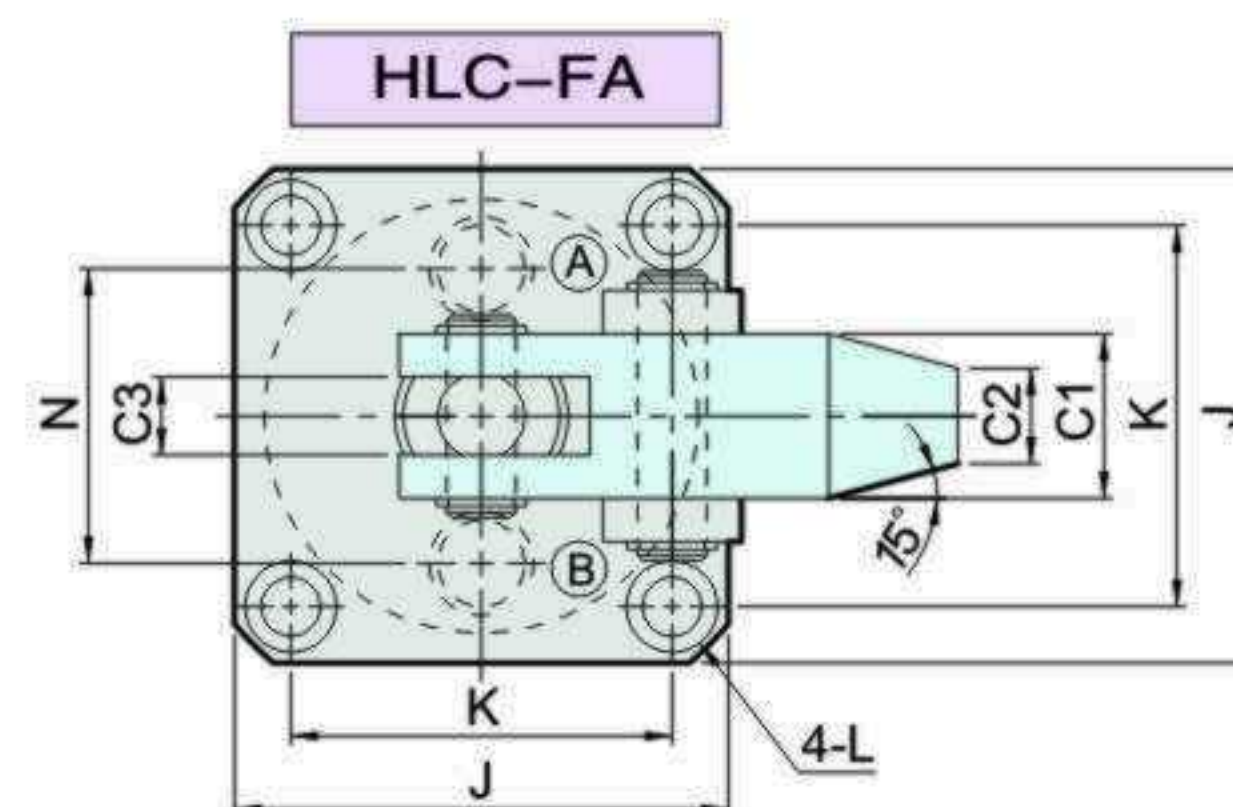
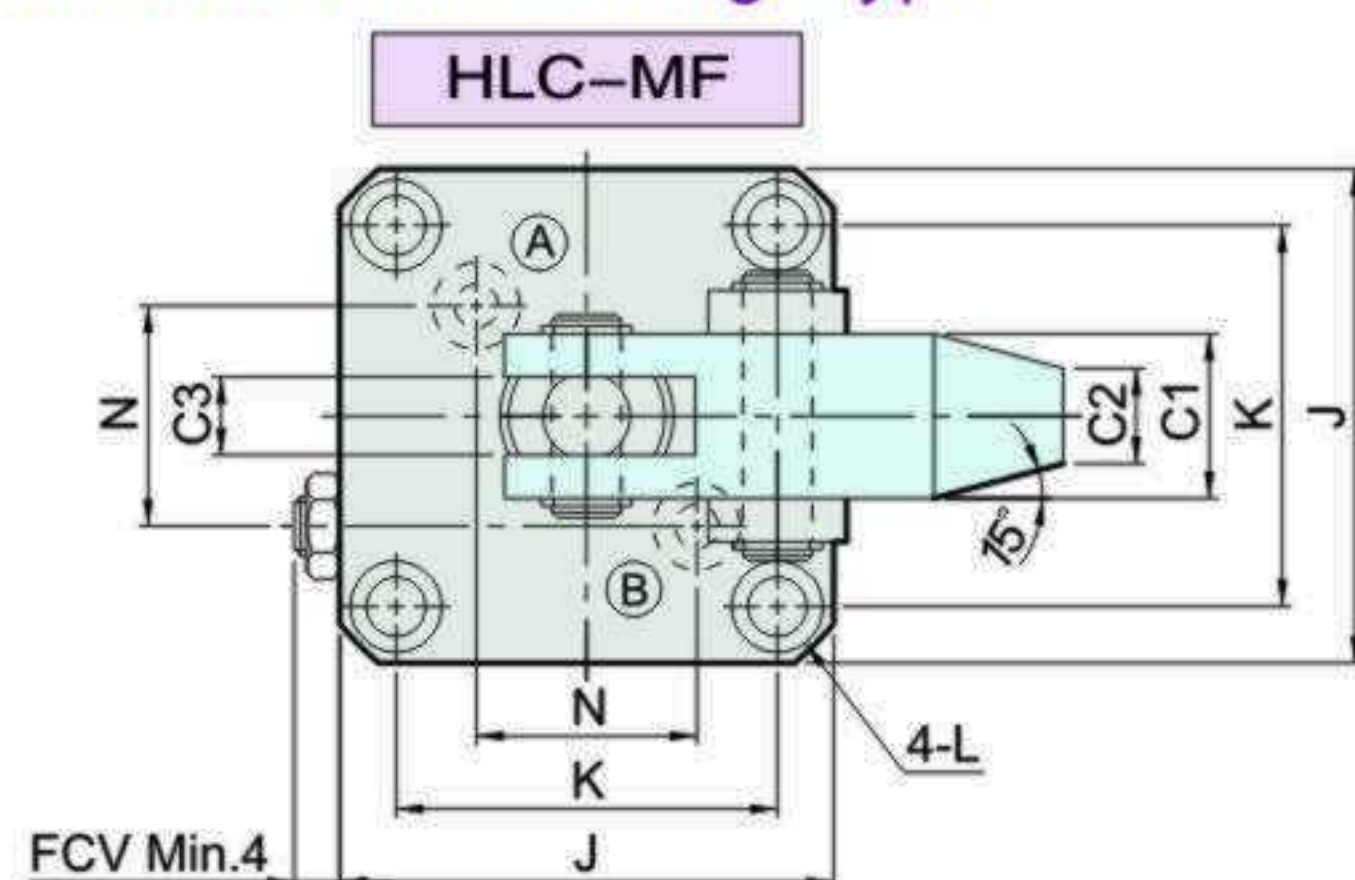
## HLC series

MF油路板附調速/FA法蘭型

Bore:ø25-ø50mm

最大使用壓力 Max:70kg/cm<sup>2</sup>

Manifold with flow control/Flange type



### Dimensional Table

| ITEM         | MODEL | HLC-MF25           | HLC-MF32 | HLC-MF40     | HLC-MF50 | HLC-FA25           | HLC-FA32 | HLC-FA40     | HLC-FA50 |
|--------------|-------|--------------------|----------|--------------|----------|--------------------|----------|--------------|----------|
| A1           |       | 112                | 115      | 130          | 145      | 49                 | 52       | 57           | 67       |
| A2           |       | 131                | 134      | 152.2        | 170.4    | 131                | 134      | 152.2        | 170.4    |
| B            |       | 85                 | 88       | 98           | 108      | 63                 | 63       | 73           | 78       |
| C1           |       | □19                | □19      | □22.2        | □25.4    | □19                | □19      | □22.2        | □25.4    |
| C2           |       | 11                 | 11       | 13           | 15       | 11                 | 11       | 13           | 15       |
| C3           |       | 9                  | 9        | 10           | 11       | 9                  | 9        | 10           | 11       |
| øD           |       | ø8                 | ø8       | ø10          | ø12      | ø8                 | ø8       | ø10          | ø12      |
| E            |       | 25                 | 25       | 30           | 35.5     | 25                 | 25       | 30           | 35.5     |
| F            |       | 64                 | 64       | 77           | 90       | 64                 | 64       | 77           | 90       |
| G1           |       | 55                 | 55       | 66           | 77       | 55                 | 55       | 66           | 77       |
| G2           |       | 22                 | 22       | 26           | 30       | 22                 | 22       | 26           | 30       |
| G3           |       | 28                 | 28       | 34           | 39       | 28                 | 28       | 34           | 39       |
| G4           |       | 24                 | 24       | 29           | 33       | 24                 | 24       | 29           | 33       |
| H            |       | 3                  | 3        | 4            | 4        | 3                  | 3        | 4            | 4        |
| øl           |       | —                  | —        | —            | —        | ø45                | ø50      | ø58          | ø68      |
| J            |       | 55                 | 57       | 69           | 75       | 55                 | 57       | 69           | 75       |
| K            |       | 42                 | 44       | 52           | 58       | 42                 | 44       | 52           | 58       |
| L            |       | ø6.8-ø10.5 X 6.5D. |          | ø9-ø14 X 9D. |          | ø6.8-ø10.5 X 6.5D. |          | ø9-ø14 X 9D. |          |
| M            |       | —                  | —        | —            | —        | PT1/4              | PT1/4    | PT1/4        | PT1/4    |
| N            |       | 19                 | 21       | 23           | 28       | 25                 | 32       | 40           | 50       |
| O-Ring       |       | P7                 | P7       | P9           | P9       | —                  | —        | —            | —        |
| weight 重量 kg |       | 2.1                | 2.2      | 3.6          | 4.8      | 1.4                | 1.7      | 2.5          | 3.8      |



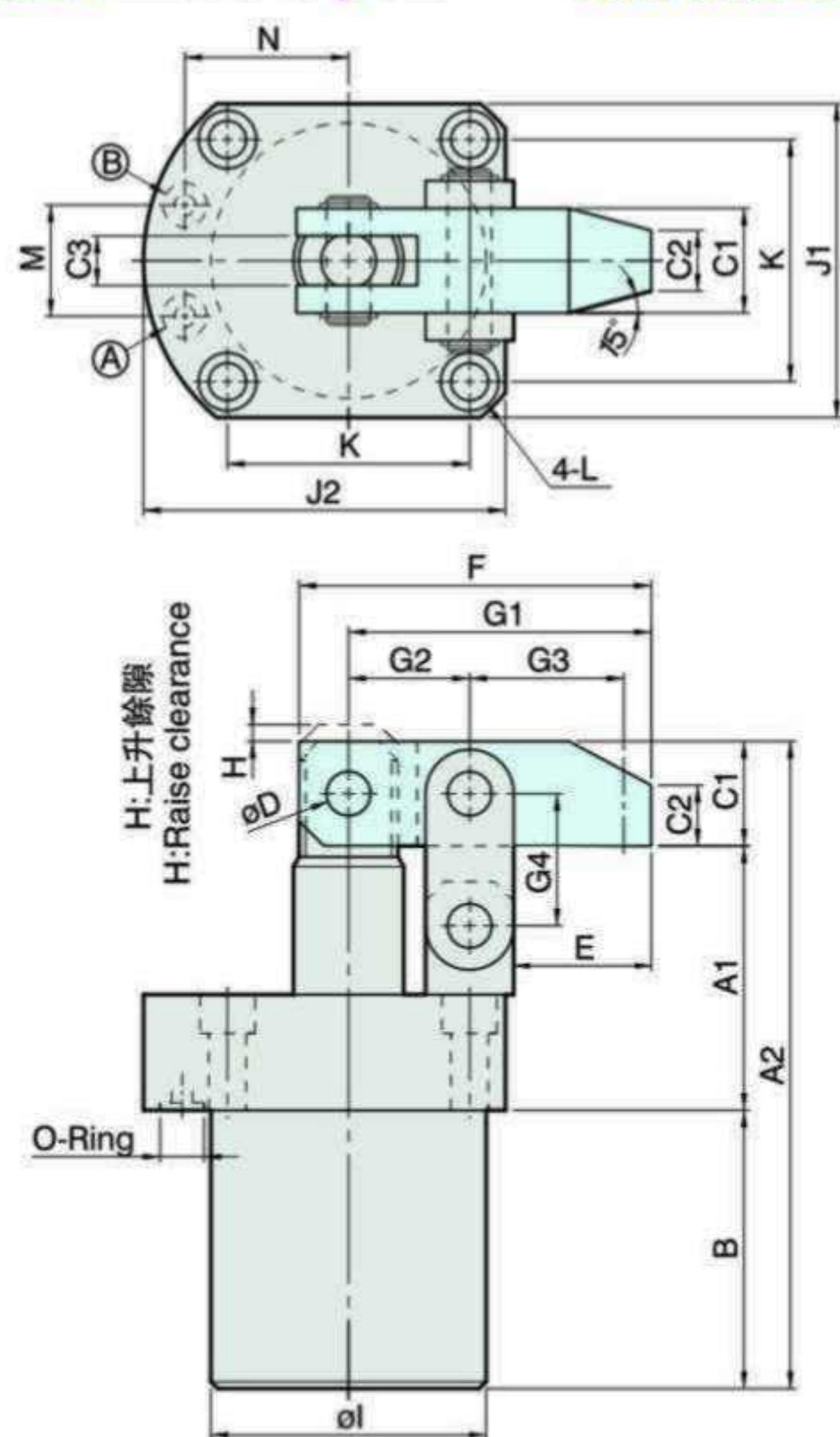
# HLC series

# Hydraulic lever-type Clamping Cylinder FAM

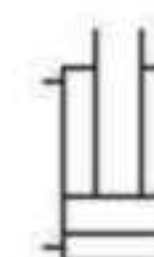
最大使用壓力 Max:70kg/cm<sup>2</sup>

Bore:ø25-ø50mm

FAM上法蘭型  
Upper flange with manifold



- Ⓐ 夾持油孔  
Clamping Port
- Ⓑ 放鬆油孔  
Unclamping Port



Dimensional Table

| ITEM         | MODEL | HLC-FAM25        | HLC-FAM32        | HLC-FAM40  | HLC-FAM50  |
|--------------|-------|------------------|------------------|------------|------------|
| A1           |       | 49               | 52               | 57         | 67         |
| A2           |       | 122              | 131              | 144.2      | 162.4      |
| B            |       | 54               | 60               | 65         | 70         |
| C1           |       | □19              | □19              | □22.2      | □25.4      |
| C2           |       | 11               | 11               | 13         | 15         |
| C3           |       | 9                | 9                | 10         | 11         |
| øD           |       | ø8               | ø8               | ø10        | ø12        |
| E            |       | 25               | 25               | 30         | 35.5       |
| F            |       | 64               | 64               | 77         | 90         |
| G1           |       | 55               | 55               | 66         | 77         |
| G2           |       | 22               | 22               | 26         | 30         |
| G3           |       | 28               | 28               | 34         | 39         |
| G4           |       | 24               | 24               | 29         | 33         |
| H            |       | 3                | 3                | 4          | 4          |
| øl           |       | ø45              | ø50              | ø58        | ø68        |
| J1           |       | 55               | 57               | 69         | 75         |
| J2           |       | 64               | 65.5             | 79         | 87         |
| K            |       | 42               | 44               | 52         | 58         |
| L            |       | ø6.8-ø10.5X6.5D. | ø6.8-ø10.5X6.5D. | ø9-ø14X9D. | ø9-ø14X9D. |
| M            |       | 20               | 22               | 26         | 30         |
| N            |       | 28               | 29               | 34.5       | 39         |
| O-Ring       |       | P6               | P6               | P9         | P9         |
| weight 重量 kg |       | 1.4              | 1.7              | 2.3        | 3.6        |