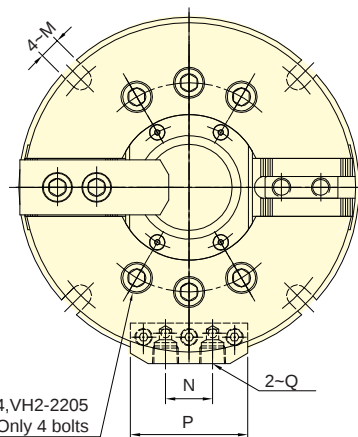
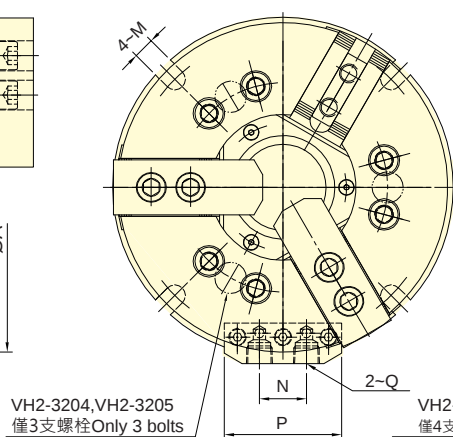
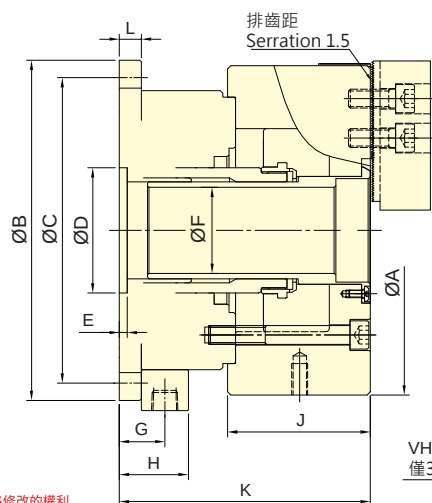




- 立置式中空動力夾頭，適合鑽床、銑床或切削中心機使用，有二爪及三爪兩種形式。
- VH2-2200型式所配對之夾頭規格及寸法與2H-2型式相同。
- VH2-3200型式所配對之夾頭規格及寸法與3H-2型式相同。
- Stationary Chuck with two or three jaws for drilling, milling and other machines.
- Specification and size of matching chuck for model VH2-2200 is the same as model 2H-2.
- Specification and size of matching chuck for model VH2-3200 is the same as model 3H-2.



保留規格修改的權利  
Subject to technical changes

### 技術規格 SPECIFICATIONS

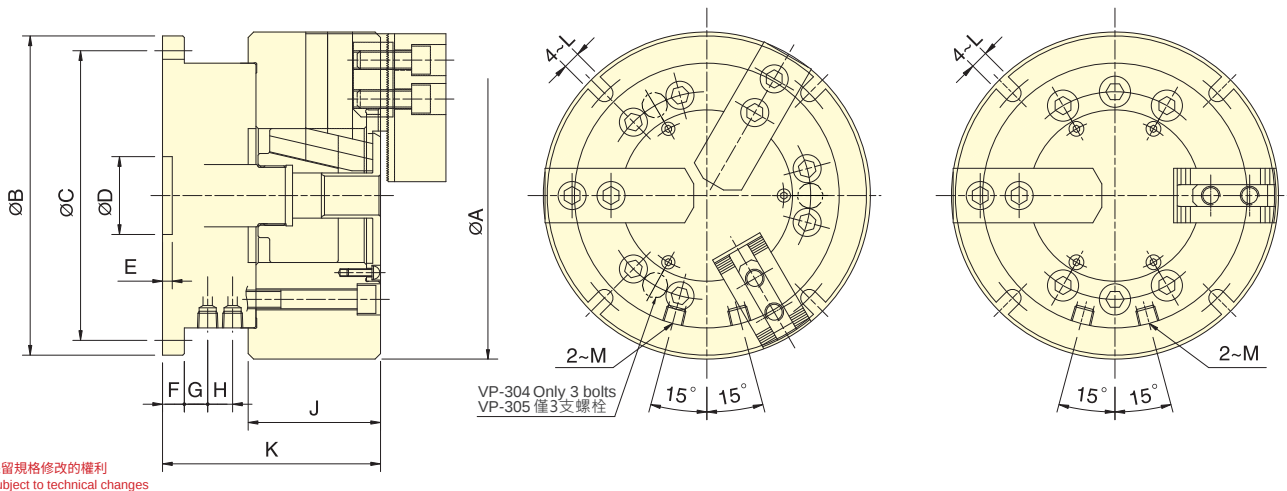
| 型號       | 活塞面積Eff. Piston area        |                              | 爪行程(直徑)                | 最大使用壓力                                     | 重量           |
|----------|-----------------------------|------------------------------|------------------------|--------------------------------------------|--------------|
| Model    | 押側Extend<br>cm <sup>2</sup> | 拉側Retract<br>cm <sup>2</sup> | Jaw stroke(Dia.)<br>mm | Max. pressure<br>MPa(kgf/cm <sup>2</sup> ) | Weight<br>kg |
| VH2-2204 | 52.4                        | 46.7                         | 5.5                    | 2.0 (20)                                   | 9.5          |
| VH2-3204 | 52.4                        | 46.7                         | 5.5                    | 3.0 (30)                                   | 9.5          |
| VH2-2205 | 63.7                        | 57.9                         | 5.5                    | 2.0 (20)                                   | 13.1         |
| VH2-3205 | 63.7                        | 57.9                         | 5.5                    | 3.0 (30)                                   | 12.6         |
| VH2-2206 | 97.1                        | 88.5                         | 6.0                    | 1.8 (17.9)                                 | 21.5         |
| VH2-3206 | 97.1                        | 88.5                         | 6.0                    | 2.7 (26.8)                                 | 21.5         |
| VH2-2208 | 128.9                       | 113.6                        | 7.6                    | 2.1 (20.7)                                 | 32.9         |
| VH2-3208 | 128.9                       | 113.6                        | 7.6                    | 2.9 (28.6)                                 | 33.4         |
| VH2-2210 | 189.2                       | 174.3                        | 8.9                    | 1.9 (19.2)                                 | 55           |
| VH2-3210 | 189.2                       | 174.3                        | 8.9                    | 2.9 (28.7)                                 | 59           |

### 外型尺寸 DIMENSIONS

| Model    | A   | B   | C   | D(H7) | E | F  | G  | H  | J   | K     | L  | M    | N  | P  | Q     |
|----------|-----|-----|-----|-------|---|----|----|----|-----|-------|----|------|----|----|-------|
| VH2-2204 | 113 | 155 | 137 | 50    | 5 | 27 | 23 | 34 | 59  | 122.5 | 12 | 9    | 26 | 62 | RC1/4 |
| VH2-3204 | 113 | 155 | 137 | 50    | 5 | 27 | 23 | 34 | 59  | 122.5 | 12 | 9    | 26 | 62 | RC1/4 |
| VH2-2205 | 138 | 168 | 150 | 60    | 5 | 32 | 23 | 34 | 60  | 125   | 12 | 9    | 26 | 62 | RC1/4 |
| VH2-3205 | 138 | 168 | 150 | 60    | 5 | 32 | 23 | 34 | 60  | 125   | 12 | 9    | 26 | 62 | RC1/4 |
| VH2-2206 | 170 | 194 | 176 | 80    | 5 | 45 | 25 | 36 | 81  | 143   | 14 | 11   | 26 | 62 | RC1/4 |
| VH2-3206 | 170 | 194 | 176 | 80    | 5 | 45 | 25 | 36 | 81  | 143   | 14 | 11   | 26 | 62 | RC1/4 |
| VH2-2208 | 210 | 217 | 195 | 80    | 5 | 55 | 29 | 44 | 91  | 160   | 14 | 13.5 | 30 | 75 | RC3/8 |
| VH2-3208 | 210 | 217 | 195 | 80    | 5 | 55 | 29 | 44 | 91  | 160   | 14 | 13.5 | 30 | 75 | RC3/8 |
| VH2-2210 | 260 | 266 | 246 | 100   | 6 | 76 | 32 | 47 | 102 | 192   | 17 | 13.5 | 30 | 75 | RC3/8 |
| VH2-3210 | 260 | 266 | 246 | 100   | 6 | 76 | 32 | 47 | 102 | 192   | 17 | 13.5 | 30 | 75 | RC3/8 |



- 立置式中實動力夾頭，適合鑽床、銑床或切削中心機使用，有二爪及三爪兩種形式。
- VP-200型式所配對之夾頭規格及寸法與2P型式相同。
- VP-300型式所配對之夾頭規格及寸法與3P型式相同。
- Stationary Chuck with two or three jaws for drilling, milling and other machines.
- Specification and size of matching chuck for model VP-200 is the same as model 2P.
- Specification and size of matching chuck for model VP-300 is the same as model 3P.



### 技術規格 SPECIFICATIONS

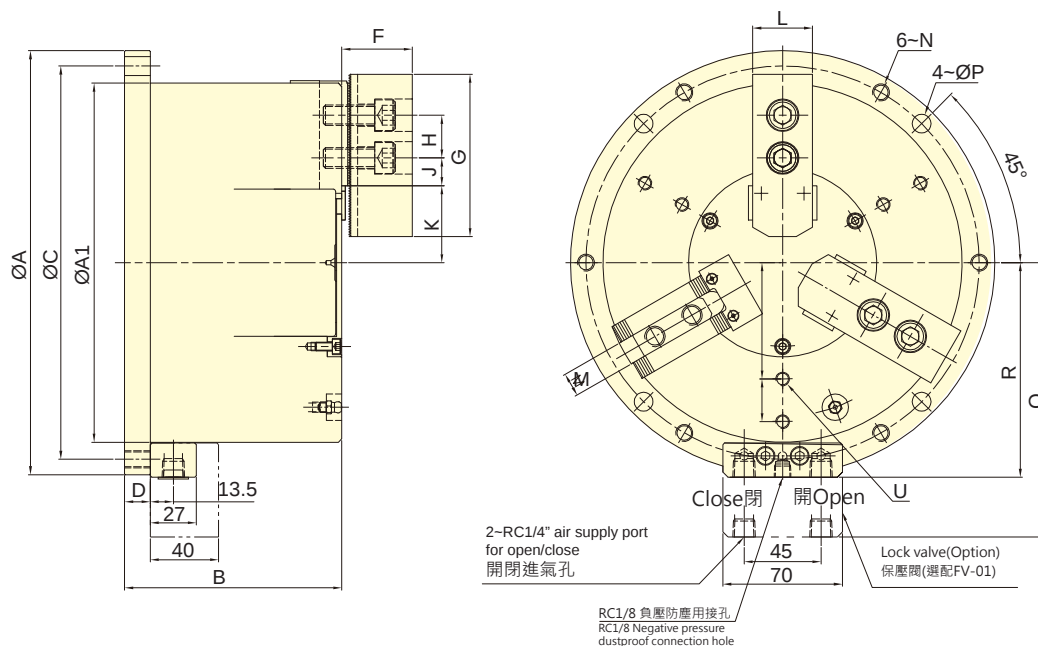
| 型號     | 活塞面積Eff. Piston area        |                              | 爪行程(直徑)                | 最大使用壓力                                     | 重量           |
|--------|-----------------------------|------------------------------|------------------------|--------------------------------------------|--------------|
| Model  | 伸側Extend<br>cm <sup>2</sup> | 拉側Retract<br>cm <sup>2</sup> | Jaw stroke(Dia.)<br>mm | Max. pressure<br>MPa(kgf/cm <sup>2</sup> ) | Weight<br>kg |
| VP-204 | 28.0                        | 24.9                         | 6.4                    | 2.1(21)                                    | 7.1          |
| VP-304 | 28.0                        | 24.9                         | 6.4                    | 3.2(32)                                    | 7.4          |
| VP-205 | 28.0                        | 24.9                         | 6.4                    | 2.2(22)                                    | 10.2         |
| VP-305 | 28.0                        | 24.9                         | 6.4                    | 3.3(33)                                    | 10.6         |
| VP-206 | 63.1                        | 53.5                         | 8.5                    | 2.3(23)                                    | 18.3         |
| VP-306 | 63.1                        | 53.5                         | 8.5                    | 3.4(34)                                    | 19.8         |
| VP-208 | 103.4                       | 90.8                         | 8.8                    | 1.9(19)                                    | 31.6         |
| VP-308 | 103.4                       | 90.8                         | 8.8                    | 2.8(28)                                    | 33.6         |
| VP-210 | 153.1                       | 133.5                        | 8.8                    | 1.5(15)                                    | 52.8         |
| VP-310 | 153.1                       | 133.5                        | 8.8                    | 2.2(22)                                    | 54.5         |

### 外型尺寸 DIMENSIONS

| Model  | A   | B   | C   | D(H8) | E   | F  | G    | H    | J  | K   | L  | M     |
|--------|-----|-----|-----|-------|-----|----|------|------|----|-----|----|-------|
| VP-204 | 110 | 146 | 130 | 30    | 4.5 | 12 | 18   | 2    | 52 | 92  | 9  | RC1/4 |
| VP-304 | 110 | 146 | 130 | 30    | 4.5 | 12 | 18   | 2    | 52 | 92  | 9  | RC1/4 |
| VP-205 | 135 | 146 | 130 | 30    | 4.5 | 12 | 18   | 2    | 55 | 95  | 9  | RC1/4 |
| VP-305 | 135 | 146 | 130 | 30    | 4.5 | 12 | 18   | 2    | 55 | 95  | 9  | RC1/4 |
| VP-206 | 165 | 178 | 160 | 40    | 5   | 12 | 14.5 | 12.5 | 74 | 125 | 11 | RC1/4 |
| VP-306 | 165 | 178 | 160 | 40    | 5   | 12 | 14.5 | 12.5 | 74 | 125 | 11 | RC1/4 |
| VP-208 | 210 | 205 | 186 | 40    | 5   | 14 | 15   | 16   | 85 | 140 | 11 | RC1/4 |
| VP-308 | 210 | 205 | 186 | 40    | 5   | 14 | 15   | 16   | 85 | 140 | 11 | RC1/4 |
| VP-210 | 254 | 248 | 225 | 50    | 6   | 17 | 20   | 18   | 89 | 176 | 13 | RC3/8 |
| VP-310 | 254 | 248 | 225 | 50    | 6   | 17 | 20   | 18   | 89 | 176 | 13 | RC3/8 |



- 楔形中實夾頭，長爪行程。
- 內建油壓缸，當使用氣壓做為動力源時，可選配保壓閥組件。
- 安裝容易，接上配管即可進行加工。
- 薄型輕量化設計，並可使用標準生爪或標準硬爪。
- 可配合氣密檢知，進行軸向位置確認。
- 單一潤滑油孔，集中潤滑。
- WEDGE-HOOK type power chuck, and long jaw stroke.
- Build-in hydraulic cylinder; it can also work with lock valve and be driven by air pressure.
- Easy to install. Installing the tubes and then operating.
- Thin and compact design. Use standard soft jaws or standard hard jaws.
- Air-tight pressure detect function is optional.
- 配備氣密檢知。
- Equipped with Airtight pressure detection function.



保留規格修改的權利  
Subject to technical changes

### 技術規格 SPECIFICATIONS

| 型號     | 爪行程<br>(直徑)          | 夾持直徑 |      | 最大夾持力      |            | 最大使用壓力                    |                           | 最低使用壓力              | 空氣消耗量<br>使用壓力6.0 kgf/cm <sup>2</sup> | 重量     |
|--------|----------------------|------|------|------------|------------|---------------------------|---------------------------|---------------------|--------------------------------------|--------|
|        |                      | 最大   | 最小   | 氣壓         | 油壓         | 氣壓                        | 油壓                        |                     |                                      |        |
|        |                      | Max. | Min. | Pneumatic  | Hydraulic  | Pneumatic                 | Hydraulic                 |                     |                                      |        |
| Model  | Jaw stroke<br>(Dia.) | Max. | Min. | Pneumatic  | Hydraulic  | Pneumatic                 | Hydraulic                 | Min. pressure       | Air consumption                      | Weight |
|        | mm                   | mm   | mm   | kN(kgf)    | kN(kgf)    | MPa(kgf/cm <sup>2</sup> ) | MPa(kgf/cm <sup>2</sup> ) | kgf/cm <sup>2</sup> | lit (at 6.0 kgf/cm <sup>2</sup> )    | kg     |
| SM-306 | 13.1                 | 168  | 14   | 18.0(1830) | 32.2(3280) | 0.7(7)                    | 1.2(12)                   | 2                   | 1.5                                  | 18.7   |
| SM-308 | 16                   | 210  | 18   | 26.2(2670) | 45.0(4590) | 0.7(7)                    | 1.2(12)                   | 2                   | 2.7                                  | 32.5   |
| SM-310 | 19.6                 | 254  | 20   | 37.0(3772) | 63.0(6422) | 0.7(7)                    | 1.2(12)                   | 2                   | 4.6                                  | 53.6   |

### 外型尺寸 DIMENSIONS

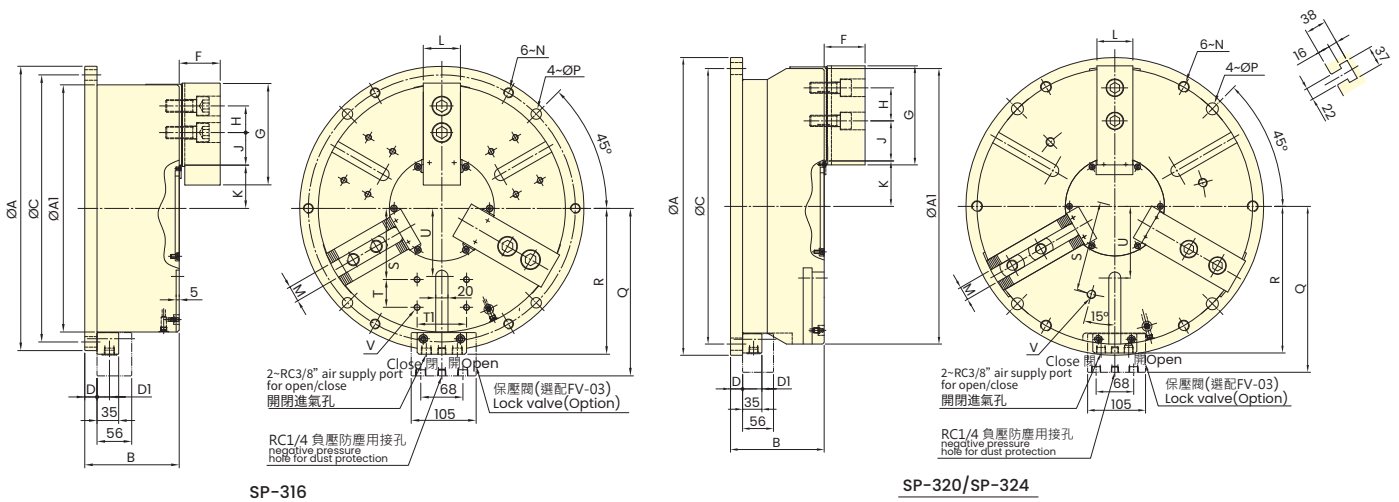
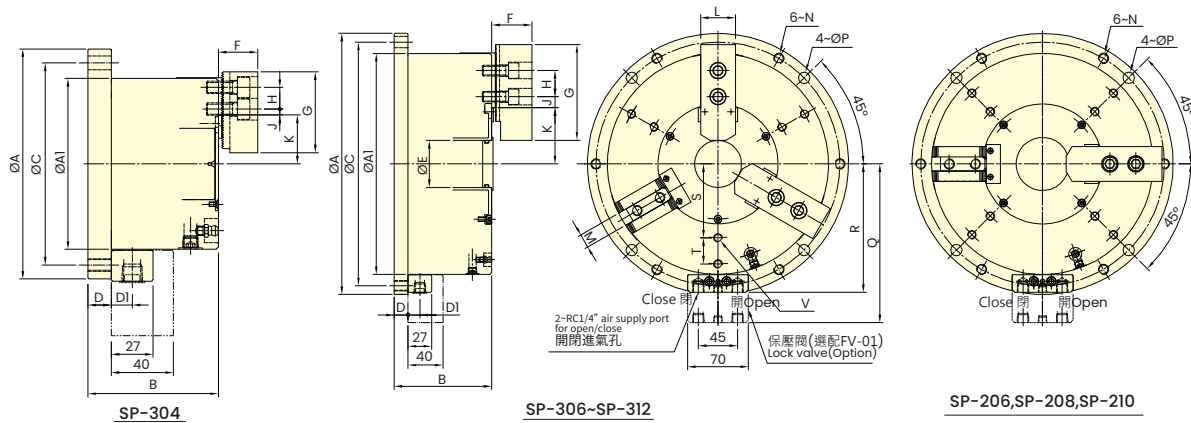
| Model  | A(h7) | A1  | B   | C   | D  | F  | G   | H  | J max. | J min. |
|--------|-------|-----|-----|-----|----|----|-----|----|--------|--------|
| SM-306 | 206   | 168 | 110 | 188 | 15 | 40 | 73  | 20 | 16.75  | 4.75   |
| SM-308 | 248   | 210 | 127 | 230 | 15 | 41 | 95  | 25 | 23.75  | 8.75   |
| SM-310 | 300   | 254 | 145 | 280 | 16 | 46 | 110 | 30 | 36.75  | 14.25  |

| Model  | K max. | K min. | L  | M  | N        | P  | Q     | R     | S  | T  |
|--------|--------|--------|----|----|----------|----|-------|-------|----|----|
| SM-306 | 39     | 32.45  | 31 | 12 | M10x1.5  | 11 | 139.5 | 104.5 | 55 | 18 |
| SM-308 | 45     | 37     | 35 | 14 | M10x1.5  | 11 | 160.5 | 125.5 | 68 | 25 |
| SM-310 | 50     | 40.2   | 40 | 16 | M12x1.75 | 13 | 182.5 | 147.5 | 85 | 30 |



- 立置式中實夾頭和立置式中空夾頭，有二爪及三爪兩種夾爪形式。
- 內建油壓缸，亦可選配保壓閥，支援氣壓驅動。
- 小通孔設計，適合加工較長棒材。
- 安裝簡便，接上配管即可開始作業。
- 輕薄設計，可搭配標準生爪或硬爪使用。
- 可結合立置夾頭座板進行多樣化加工應用。
- 適用於旋轉加工，可安裝於車銑複合加工機。
- Stationary Chucks – Non-Thru-Hole and Thru-Hole Types.
- Available in two jaw configurations: 2-jaw and 3-jaw.
- Equipped with a built-in hydraulic cylinder; compatible with lock valves and can also be operated using air pressure.
- Features a small thru-hole, making it ideal for machining long bar workpieces.
- Side and bottom air/hydraulic inlets available; either can be used for operation.
- Slim and compact design. Compatible with standard soft jaws or hard jaws.
- Suitable for rotary machining and can be installed on mill-turn machines.
- Can be integrated with multi-plate setups for enhanced versatility.



保留規格修改的權利  
Subject to technical changes

### 技術規格 SPECIFICATIONS

| 型號     | 爪行程<br>(直徑)          | 夾持直徑 |      | 最大夾持力      |            | 最大使用壓力                    |                           | 最低使用壓力              | 空氣消耗量<br>使用壓力6.0 kgf/cm <sup>2</sup> | 重量     |
|--------|----------------------|------|------|------------|------------|---------------------------|---------------------------|---------------------|--------------------------------------|--------|
|        |                      | 最大   | 最小   | 氣壓         | 油壓         | 氣壓                        | 油壓                        |                     |                                      |        |
| Model  | Jaw stroke<br>(Dia.) | Max. | Min. | Pneumatic  | Hydraulic  | Pneumatic                 | Hydraulic                 | Min. pressure       | Air consumption                      | Weight |
|        | mm                   | mm   | mm   | kN(kgf)    | kN(kgf)    | MPa(kgf/cm <sup>2</sup> ) | MPa(kgf/cm <sup>2</sup> ) | kgf/cm <sup>2</sup> | lit (at 6.0 kgf/cm <sup>2</sup> )    | kg     |
| SP-304 | 5.1                  | 110  | 10   | 7.5(765)   | 22.0(2243) | 0.7(7)                    | 1.2(12)                   | 2                   | 0.5                                  | 7      |
| SP-206 | 5.5                  | 168  | 30   | 34.1(3477) | 46.1(4752) | 0.7(7)                    | 1.2(12)                   | 2                   | 1.4                                  | 16     |
| SP-306 | 5.5                  | 168  | 30   | 35.5(3620) | 60.0(5252) | 0.7(7)                    | 1.2(12)                   | 2                   | 1.4                                  | 16.5   |
| SP-208 | 6.8                  | 210  | 42   | 43.2(4405) | 74.0(7545) | 0.7(7)                    | 1.2(12)                   | 2                   | 2.5                                  | 27.7   |
| SP-308 | 6.8                  | 210  | 42   | 51.5(5251) | 88.3(9004) | 0.7(7)                    | 1.2(12)                   | 2                   | 2.5                                  | 28.7   |

| 型號     | 爪行程<br>(直徑)          | 夾持直徑          |      | 最大夾持力               |              | 最大使用壓力                    |                           | 最低使用壓力              | 空氣消耗量                             | 重量     |
|--------|----------------------|---------------|------|---------------------|--------------|---------------------------|---------------------------|---------------------|-----------------------------------|--------|
|        |                      | 最大            | 最小   | 氣壓                  | 油壓           | 氣壓                        | 油壓                        |                     | 使用壓力6.0 kgf/cm <sup>2</sup>       |        |
| Model  | Jaw stroke<br>(Dia.) | Chucking Dia. |      | Max. clamping force |              | Max. pressure             |                           | Min. pressure       | Air consumption                   | Weight |
|        |                      | Max.          | Min. | Pneumatic           | Hydraulic    | Pneumatic                 | Hydraulic                 |                     |                                   |        |
|        | mm                   | mm            | mm   | kN(kgf)             | kN(kgf)      | MPa(kgf/cm <sup>2</sup> ) | MPa(kgf/cm <sup>2</sup> ) | kgf/cm <sup>2</sup> | lit (at 6.0 kgf/cm <sup>2</sup> ) | kg     |
| SP-210 | 7                    | 254           | 52   | 60.5(6169)          | 94.5(9636)   | 0.7(7)                    | 1.2(12)                   | 2                   | 4.2                               | 41.8   |
| SP-310 | 7                    | 254           | 52   | 68.2(6955)          | 118.7(12104) | 0.7(7)                    | 1.2(12)                   | 2                   | 4.2                               | 42     |
| SP-312 | 9.3                  | 304           | 60   | 75.8(7729)          | 148 (15091)  | 0.7(7)                    | 1.2(12)                   | 2                   | 6.4                               | 71.3   |
| SP-316 | 14.5                 | 400           | 30   | 120.7(12305)        | 120.7(12305) | 0.7(7)                    | 0.7(7)                    | 2                   | 10.6                              | 147.8  |
| SP-320 | 16                   | 500           | 45   | 155.6(15865)        | 155.6(15865) | 0.7(7)                    | 0.7(7)                    | 2                   | 15                                | 232.7  |
| SP-324 | 16                   | 600           | 140  | 215.9(22015)        | 215.9(22015) | 0.7(7)                    | 0.7(7)                    | 2                   | 22                                | 338.7  |

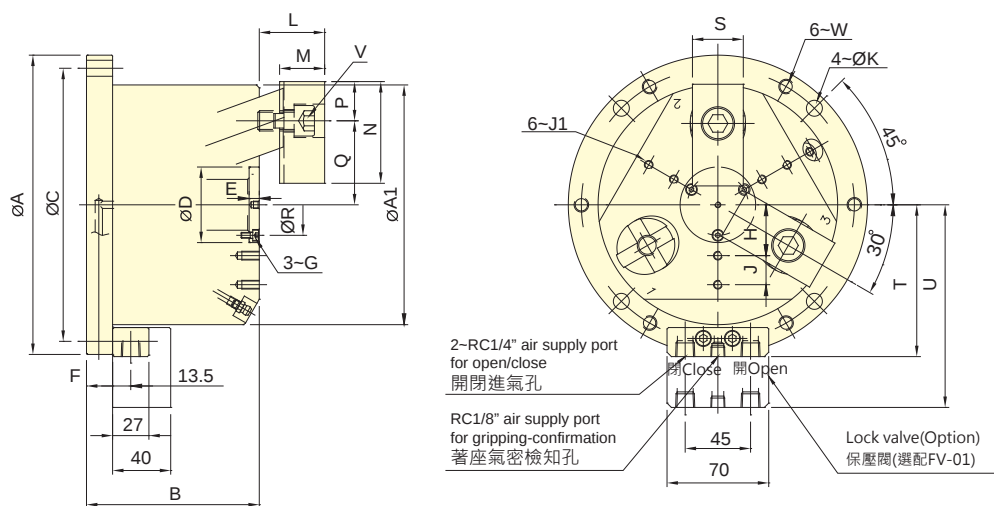
### 外型尺寸 DIMENSIONS

| Model  | A(h7) | A1  | B   | C   | D  | D1   | E  | F  | G   | H  | J max. | J min. |
|--------|-------|-----|-----|-----|----|------|----|----|-----|----|--------|--------|
| SP-304 | 148   | 110 | 84  | 130 | 15 | 13.5 | -  | 25 | 52  | 14 | 3.75   | 0.75   |
| SP-206 | 206   | 168 | 94  | 188 | 15 | 13.5 | 25 | 40 | 73  | 20 | 10.75  | 4.75   |
| SP-306 | 206   | 168 | 94  | 188 | 15 | 13.5 | 25 | 40 | 73  | 20 | 10.75  | 4.75   |
| SP-208 | 248   | 210 | 108 | 230 | 15 | 13.5 | 32 | 41 | 95  | 25 | 12.25  | 8.75   |
| SP-308 | 248   | 210 | 108 | 230 | 15 | 13.5 | 32 | 41 | 95  | 25 | 12.25  | 8.75   |
| SP-210 | 300   | 254 | 112 | 280 | 16 | 13.5 | 54 | 46 | 110 | 30 | 23.25  | 12.75  |
| SP-310 | 300   | 254 | 112 | 280 | 16 | 13.5 | 54 | 46 | 110 | 30 | 23.25  | 12.75  |
| SP-312 | 350   | 304 | 130 | 330 | 18 | 13.5 | 65 | 54 | 130 | 30 | 30.75  | 12.75  |
| SP-316 | 460   | 400 | 153 | 432 | 20 | 20   | -  | 66 | 165 | 43 | 67.75  | 18.25  |
| SP-320 | 540   | 500 | 170 | 500 | 22 | 20   | -  | 74 | 180 | 60 | 87.5   | 24.5   |
| SP-324 | 640   | 600 | 175 | 600 | 24 | 20   | -  | 74 | 180 | 60 | 87.5   | 24.5   |

| Model  | K max. | K min. | L  | M    | N        | P    | Q     | R     | S   | T  | T1 | U   | V          |
|--------|--------|--------|----|------|----------|------|-------|-------|-----|----|----|-----|------------|
| SP-304 | 31.5   | 28.95  | 23 | 10   | M8x1.25  | 9    | 110.5 | 75.5  | -   | -  | -  | -   | -          |
| SP-206 | 47     | 44.25  | 31 | 12   | M10x1.5  | 11   | 139.5 | 104.5 | 55  | 18 | -  | -   | 6~M8x1.25  |
| SP-306 | 47     | 44.25  | 31 | 12   | M10x1.5  | 11   | 139.5 | 104.5 | 55  | 18 | -  | -   | 6~M8x1.25  |
| SP-208 | 57     | 53.6   | 35 | 14   | M10x1.5  | 11   | 160.5 | 125.5 | 68  | 25 | -  | -   | 6~M8x1.25  |
| SP-308 | 57     | 53.6   | 35 | 14   | M10x1.5  | 11   | 160.5 | 125.5 | 68  | 25 | -  | -   | 6~M8x1.25  |
| SP-210 | 64.5   | 61     | 40 | 16   | M12x1.75 | 13   | 182.5 | 147.5 | 85  | 30 | -  | -   | 6~M10x1.5  |
| SP-310 | 64.5   | 61     | 40 | 16   | M12x1.75 | 13   | 182.5 | 147.5 | 85  | 30 | -  | -   | 6~M10x1.5  |
| SP-312 | 77.5   | 72.85  | 50 | 21   | M12x1.75 | 13   | 207.5 | 172.5 | 100 | 35 | -  | -   | 6~M10x1.5  |
| SP-316 | 70     | 62.75  | 60 | 25.5 | M16x2.0  | 17.5 | 271   | 236   | 115 | 45 | 80 | 110 | 12~M10x1.5 |
| SP-320 | 82.5   | 74.5   | 65 | 25   | M20x2.5  | 22   | 301   | 266   | 165 | -  | -  | 130 | 3~M16x2.0  |
| SP-324 | 129.5  | 121.5  | 65 | 25   | M20x2.5  | 22   | 351   | 316   | 200 | -  | -  | 180 | 3~M16x2.0  |



- 內建油壓缸，當使用氣壓做為動力源時，可選配保壓閥組件。
- 可同時將工件做徑向夾持與軸向後拉，使工件不上浮並緊貼座金基準面。
- 高剛性硬化處理的本體與圓柱後拉機構，並經過軸孔精搪，確保高夾持精度與耐用度，適合重切削場合。
- 可與立置夾頭座板組合進行加工。
- Build-in hydraulic cylinder; it can also work with lock valve and be driven by air pressure.
- Radial clamp and axial pull down at the same time, keep the workpiece attaching close to the base surface of the chuck.
- Almost no workpiece uplifting displacement.
- The body with heat treatment and the organization of cylinder pull-down and fine boring, which guarantee to the high clamping precision and durability, it's suitable for heavy duty machining.
- Can work together with multi-plate.
- 配備氣密檢知。
- Equipped with Airtight pressure detection function.



保留規格修改的權利  
Subject to technical changes

#### 技術規格 SPECIFICATIONS

| 型號     | 爪行程<br>(直徑)          | 夾持直徑          |    | 最大夾持力                |                      | 最大使用壓力                                 |                                        | 最低使用壓力        | 空氣消耗量                       | 重量     |
|--------|----------------------|---------------|----|----------------------|----------------------|----------------------------------------|----------------------------------------|---------------|-----------------------------|--------|
|        |                      | 最大            | 最小 | 氣壓                   | 油壓                   | 氣壓                                     | 油壓                                     |               | 使用壓力6.0 kgf/cm <sup>2</sup> |        |
| Model  | Jaw stroke<br>(Dia.) | Chucking Dia. |    | Max. clamping force  |                      | Max. pressure                          |                                        | Min. pressure | Air consumption             | Weight |
|        | mm                   | mm            | mm | Pneumatic<br>kN(kgf) | Hydraulic<br>kN(kgf) | Pneumatic<br>MPa(kgf/cm <sup>2</sup> ) | Hydraulic<br>MPa(kgf/cm <sup>2</sup> ) |               |                             |        |
| SD-304 | 5                    | 110           | 18 | 5.0 (510)            | 10.9 (1112)          | 0.6 (6)                                | 1.3 (13)                               | 2             | 0.26                        | 8.1    |
| SD-306 | 7.2                  | 165           | 35 | 11.5 (1173)          | 25.0 (2550)          | 0.6 (6)                                | 1.3 (13)                               | 2             | 0.58                        | 20.6   |
| SD-308 | 7.2                  | 210           | 28 | 21.7 (2213)          | 47.0 (4793)          | 0.6 (6)                                | 1.3 (13)                               | 2             | 1.02                        | 34.1   |
| SD-310 | 10.8                 | 254           | 40 | 36.0(3680)           | 60.0(6118)           | 0.6 (6)                                | 1.0 (10)                               | 2             | 2.05                        | 55     |

#### 外型尺寸 DIMENSIONS

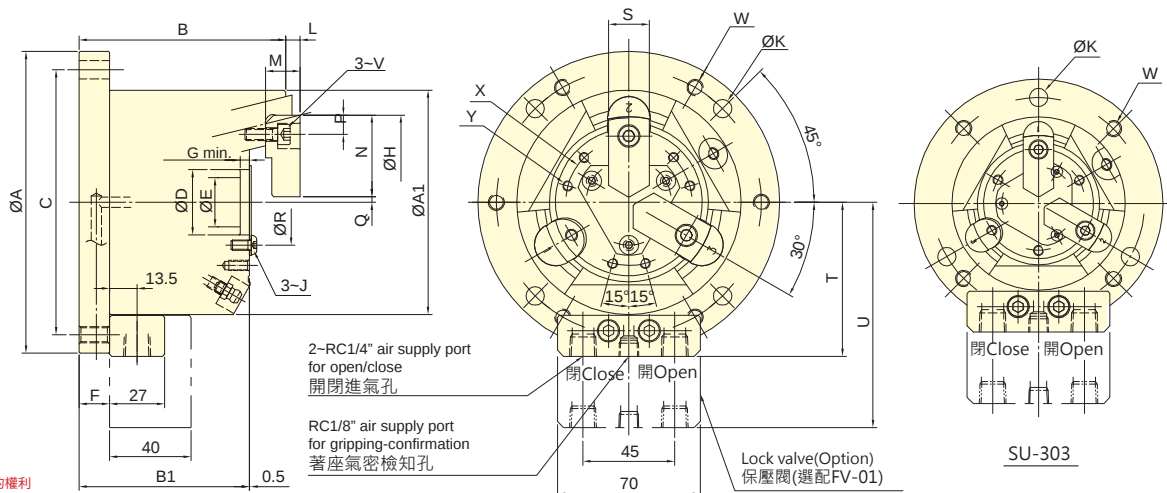
| Model  | A(h7) | A1  | B    | C   | D(H7/h7) | E  | F  | G  | H    | J  | J1     | K  | L max. | L min. |
|--------|-------|-----|------|-----|----------|----|----|----|------|----|--------|----|--------|--------|
| SD-304 | 148   | 110 | 93.5 | 130 | 35       | 2  | 15 | M3 | 22.5 | 10 | M5x0.8 | 9  | 30     | 23     |
| SD-306 | 206   | 165 | 116  | 188 | 52       | 7  | 18 | M4 | 35   | 20 | M6x1   | 11 | 45     | 35     |
| SD-308 | 248   | 210 | 122  | 230 | 65       | 10 | 18 | M5 | 45   | 25 | M8x1.2 | 11 | 56     | 46     |
| SD-310 | 300   | 254 | 151  | 280 | 75       | 12 | 20 | M6 | 55   | 30 | M8x1.2 | 13 | 65     | 50     |

| Model  | M    | N   | P  | Q max. | Q min. | R  | S  | T     | U     | V     | W        |
|--------|------|-----|----|--------|--------|----|----|-------|-------|-------|----------|
| SD-304 | 19.5 | 52  | 19 | 37     | 34.5   | 27 | 25 | 75.5  | 110.5 | 3~M10 | M8x1.25  |
| SD-306 | 31   | 70  | 27 | 57.8   | 54.2   | 42 | 35 | 104.5 | 139.5 | 3~M14 | M10x1.5  |
| SD-308 | 41   | 84  | 31 | 70.8   | 67.2   | 53 | 40 | 125.5 | 160.5 | 6~M12 | M10x1.5  |
| SD-310 | 46   | 100 | 38 | 85     | 79.6   | 62 | 50 | 147.5 | 182.5 | 6~M14 | M12x1.75 |



- 內建油壓缸，當使用氣壓做為動力源時，可選配保壓閥組件。
- 立置式夾頭可同時將工件做徑向夾持與軸向後拉，使工件不上浮並緊貼座金基準面。適合鑽床、銑床或切削中心機使用。
- 高剛性硬化處理的本體與圓柱後拉機構，並經過軸孔精搪，確保高夾持精度與耐用度，適合重切削場合。
- 可與立置夾頭座板組合進行加工。
- Build-in hydraulic cylinder; it can also work with lock valve and be driven by air pressure.
- Radial clamp and axial pull down at the same time, keep the workpiece attaching close to the base surface of the chuck.
- Almost no workpiece uplifting displacement.
- Suitable for drilling, milling and other machines.
- The body with heat treatment and the organization of cylinder pull-down and fine boring, which guarantee to the high clamping precision and durability, it's suitable for heavy duty machining.
- Can work together with multi-plate.
- 配備氣密檢知。
- Equipped with Airtight pressure detection function.



保留規格修改的權利  
Subject to technical changes

SU-304,306,308,310

## 技術規格 SPECIFICATIONS

| 型號     | 爪行程<br>(直徑)          | 夾持直徑       |           | 最大夾持力       |              | 最大使用壓力                    |                           | 最低使用壓力        | 空氣消耗量<br>使用壓力6.0 kgf/cm <sup>2</sup>                 | 重量     |
|--------|----------------------|------------|-----------|-------------|--------------|---------------------------|---------------------------|---------------|------------------------------------------------------|--------|
|        |                      | 最大         | 最小        | 氣壓          | 油壓           | 氣壓                        | 油壓                        |               |                                                      |        |
|        |                      | Chuck Dia. | Max. Min. | Pneumatic   | Hydraulic    | Pneumatic                 | Hydraulic                 |               |                                                      |        |
| Model  | Jaw stroke<br>(Dia.) | Max.       | Min.      | kN(kgf)     | kN(kgf)      | MPa(kgf/cm <sup>2</sup> ) | MPa(kgf/cm <sup>2</sup> ) | Min. pressure | Air consumption<br>lit (at 6.0 kgf/cm <sup>2</sup> ) | Weight |
| SU-303 | 2                    | 42         | 4         | 5.2(530)    | 12.8(1305)   | 0.6(6)                    | 1.3(13)                   | 2             | 0.16                                                 | 5.7    |
| SU-304 | 3                    | 60         | 5         | 6.7 (683)   | 16.0 (1632)  | 0.6 (6)                   | 1.3 (13)                  | 2             | 0.26                                                 | 7.4    |
| SU-306 | 5                    | 105        | 31        | 18.5 (1886) | 40.0 (4079)  | 0.6 (6)                   | 1.3 (13)                  | 2             | 0.58                                                 | 18     |
| SU-308 | 5                    | 132        | 32        | 37.0 (3773) | 80.0 (8158)  | 0.6 (6)                   | 1.3 (13)                  | 2             | 1.02                                                 | 31.5   |
| SU-310 | 5                    | 163        | 44        | 46.2(4710)  | 100.0(10100) | 0.6(6)                    | 1.3(13)                   | 2             | 2.11                                                 | 53     |

## 外型尺寸 DIMENSIONS

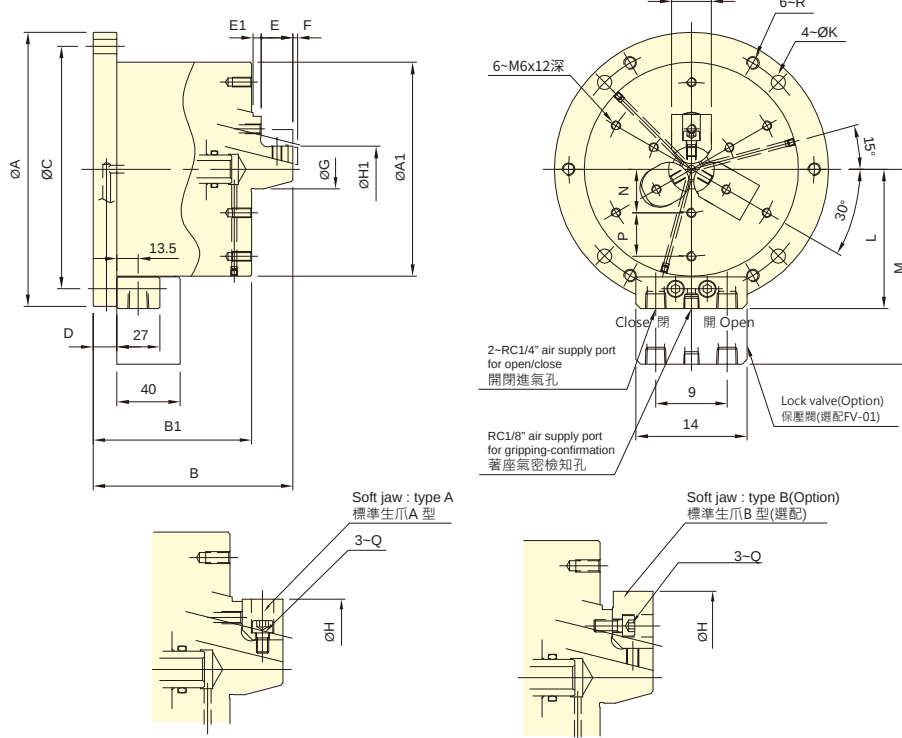
| Model  | A(h7) | A1  | B     | B1   | C   | D(H6) | E  | F  | G   | H(H6) | J  | K    | L max. | L min. |
|--------|-------|-----|-------|------|-----|-------|----|----|-----|-------|----|------|--------|--------|
| SU-303 | 122   | 85  | 80.5  | 68   | 104 | 28    | 22 | 12 | 3.5 | 66    | M3 | 3~9  | 5      | 1      |
| SU-304 | 148   | 110 | 101.5 | 83.5 | 130 | 32    | 24 | 15 | 4.5 | 84    | M5 | 4~9  | 7      | 1      |
| SU-306 | 206   | 168 | 136.5 | 104  | 188 | 35    | 25 | 18 | 6   | 129   | M5 | 4~11 | 15     | 5      |
| SU-308 | 248   | 210 | 152   | 115  | 230 | 55    | 45 | 18 | 7   | 156   | M6 | 4~11 | 17     | 7      |
| SU-310 | 300   | 254 | 181   | 131  | 280 | 65    | 53 | 20 | 7   | 187   | M8 | 4~13 | 9      | -1     |

| Model  | M  | N  | P    | Q max. | Q min. | R  | S  | T     | U     | V   | W          | X (p.c.d) | Y       |
|--------|----|----|------|--------|--------|----|----|-------|-------|-----|------------|-----------|---------|
| SU-303 | 12 | 30 | 7    | 3.5    | 2.5    | 36 | 15 | 63    | 98    | M5  | 4~M8x1.25  | 46        | 3~M5x10 |
| SU-304 | 17 | 40 | 9.5  | 2.75   | 1.25   | 42 | 20 | 75.5  | 110.5 | M6  | 6~M8x1.25  | 62        | 6~M5x10 |
| SU-306 | 30 | 50 | 17   | 15.75  | 13.25  | 49 | 30 | 104.5 | 139.5 | M10 | 6~M10x1.5  | 72        | 6~M6x12 |
| SU-308 | 34 | 63 | 20.5 | 16.25  | 13.75  | 71 | 35 | 125.5 | 160.5 | M12 | 6~M10x1.5  | 95        | 6~M6x12 |
| SU-310 | 39 | 74 | 23   | 20.75  | 18.25  | 85 | 40 | 147.5 | 182.5 | M14 | 6~M12x1.75 | 115       | 6~M6x12 |



- 內建油壓缸，當使用氣壓做為動力源時，可選配保壓閥組件。
- 適用於內徑夾持。
- 高精度安定性，適合最後製程加工。
- 可與立置夾頭座板組合進行加工。
- Build-in hydraulic cylinder; it can also work with lock valve and be driven by air pressure.
- For internal gripping.
- With high precision and stability.
- Suitable for the precision large length size process.
- Suitable for end process.
- Can work together with multi-plate.
- 氣密檢知 (選配)。
- Airtight pressure detect function is optional.



保留規格修改的權利  
Subject to technical changes

#### 技術規格 SPECIFICATIONS

| 型號     | 爪行程<br>(直徑)          | 夾持直徑 |      | 最大夾持力       |             | 最大使用壓力                    |                           | 最低使用壓力              | 空氣消耗量<br>使用壓力6.0 kgf/cm <sup>2</sup> | 重量     |
|--------|----------------------|------|------|-------------|-------------|---------------------------|---------------------------|---------------------|--------------------------------------|--------|
|        |                      | 最大   | 最小   | 氣壓          | 油壓          | 氣壓                        | 油壓                        |                     |                                      |        |
|        |                      | Max. | Min. | Pneumatic   | Hydraulic   | Pneumatic                 | Hydraulic                 |                     |                                      |        |
| Model  | Jaw stroke<br>(Dia.) | Max. | Min. | Pneumatic   | Hydraulic   | Pneumatic                 | Hydraulic                 | Min. pressure       | Air consumption                      | Weight |
|        | mm                   | mm   | mm   | kN(kgf)     | kN(kgf)     | MPa(kgf/cm <sup>2</sup> ) | MPa(kgf/cm <sup>2</sup> ) | kgf/cm <sup>2</sup> | lit (at 6.0 kgf/cm <sup>2</sup> )    | kg     |
| SE-305 | 3                    | 83   | 29   | 14.3 (1459) | 41.0 (4181) | 0.7 (7)                   | 1.3 (13)                  | 2                   | 0.46                                 | 14.6   |
| SE-306 | 5                    | 110  | 44   | 20.0 (2040) | 57.0 (5812) | 0.7 (7)                   | 1.3 (13)                  | 2                   | 0.58                                 | 20     |
| SE-308 | 5                    | 150  | 50   | 32.0 (3263) | 78.0 (7954) | 0.7 (7)                   | 1.3 (13)                  | 2                   | 1.02                                 | 33     |

#### 外型尺寸 DIMENSIONS

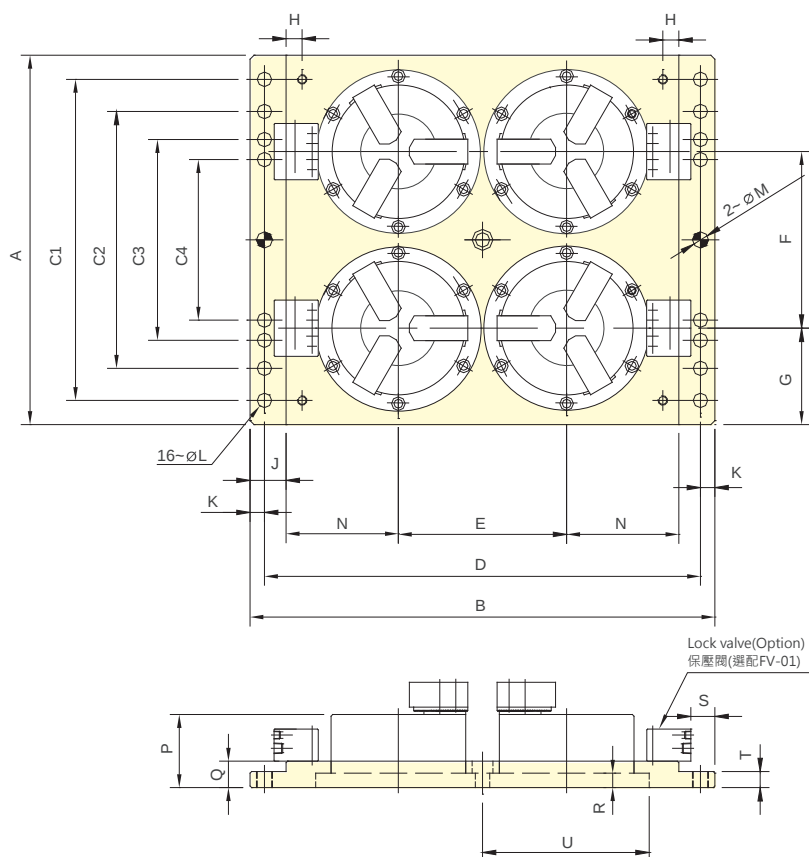
| Model  | A(h7) | A1  | B   | B1  | C   | D  | E  | E1 | F max. | F min. | G  | type A |        | type B |        |
|--------|-------|-----|-----|-----|-----|----|----|----|--------|--------|----|--------|--------|--------|--------|
|        |       |     |     |     |     |    |    |    |        |        |    | H max. | H min. | H max. | H min. |
| SE-305 | 173   | 135 | 126 | 100 | 155 | 15 | 20 | 5  | 3      | -3     | 25 | 68     | 50     | 83     | 67     |
| SE-306 | 206   | 168 | 140 | 108 | 188 | 18 | 23 | 7  | 5      | -5     | 40 | 90     | 70     | 110    | 89     |
| SE-308 | 248   | 210 | 164 | 119 | 230 | 18 | 30 | 9  | 5      | -5     | 49 | 110    | 90     | 150    | 108    |

| Model  | H1   |      | J  | K  | L     | M     | N    | P    | Q    | R       |
|--------|------|------|----|----|-------|-------|------|------|------|---------|
|        | max. | min. |    |    |       |       |      |      |      |         |
| SE-305 | 50   | 29   | 25 | 9  | 88    | 123   | 27.5 | 27.5 | 3~M6 | M8x1.25 |
| SE-306 | 70   | 44   | 31 | 11 | 104.5 | 139.5 | 38   | 29   | 3~M6 | M10x1.5 |
| SE-308 | 90   | 50   | 35 | 11 | 125.5 | 160.5 | 50   | 35   | 3~M8 | M10x1.5 |



- 可用於銑床或加工中心機上，同時加工多個工件。
- 可選擇安裝立式氣缸用保壓閥。
- 可訂製2、3、6工件數的盤面。
- Use for milling machine or machining center to achieve simultaneous processing of multiple workpieces.
- Stationary cylinder lock valve (optional) can be mounted.
- Plate for 2,3,6 stationary chucks is optional.



保留規格修改的權利  
Subject to technical changes

### 外型尺寸 DIMENSIONS

| Model     | A   | B   | C1  | C2  | C3  | C4  | D   | E   | F   | G   |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MP4-06206 | 460 | 580 | 400 | 320 | 250 | 200 | 544 | 210 | 220 | 120 |

| Model     | H  | J  | K  | L  | M  | N   | P  | Q  | R  | S  | T  | U   |
|-----------|----|----|----|----|----|-----|----|----|----|----|----|-----|
| MP4-06206 | 20 | 45 | 18 | 17 | 20 | 140 | *B | 33 | 18 | 20 | 20 | 206 |

\*B 對照所裝配夾頭型號之寸法 B。  
The dimension \*B: Please refer to the dimension B of the chuck model assembled.



保留規格修改的權利  
Subject to technical changes

| 最大容許壓力                                  | 操作角度            | 持續口徑      |
|-----------------------------------------|-----------------|-----------|
| Max. pressure MPa(kgf/cm <sup>2</sup> ) | Operating angle | Port size |
| 1.0 (10)                                | 90 °            | Rc1/4     |