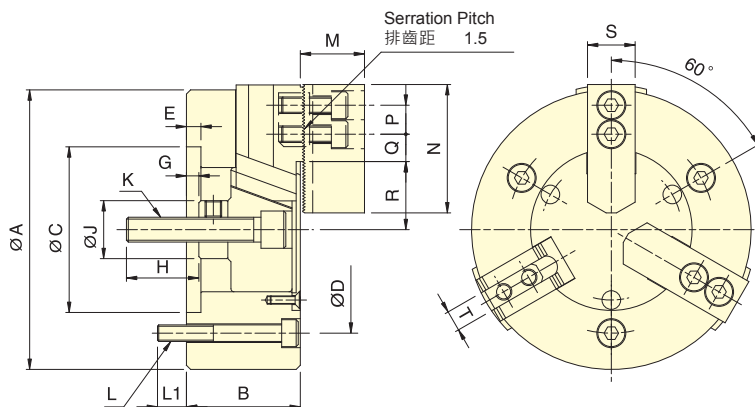
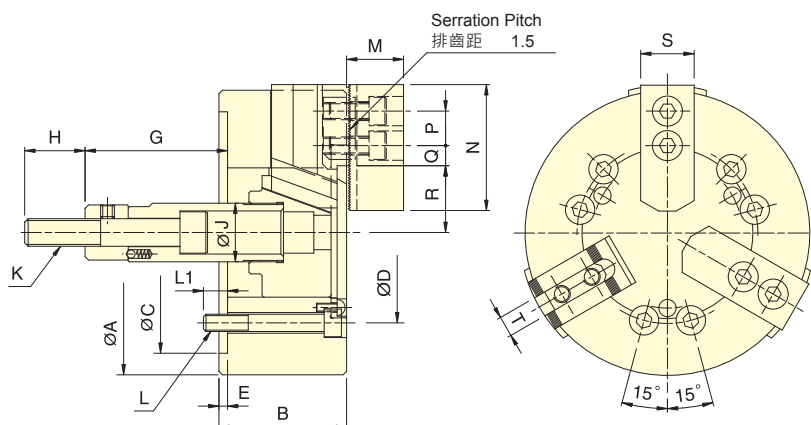




- 楔形三爪中實夾頭，長爪行程。
- 摺動面均經硬化及精密研磨，並直接潤滑。
- 高剛性結構及高夾持精度。
- WEDGE-HOOK type 3-jaw power chuck and long jaw stroke.
- Matching surfaces of all parts hardened, ground and lubricated directly.
- High rigidity and high clamping accuracy.



3M-05



3M-06~3M-12

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

### 技術規格 SPECIFICATIONS

| 型號    | 楔心行程              | 爪行程<br>(直徑)          | 夾持直徑<br>Chuck Dia. |            | 容許最大入力         | 最大夾持力                  | 最高迴轉數                      | I                    | 重量     | 適用迴轉缸         | 最大使用壓力                     |
|-------|-------------------|----------------------|--------------------|------------|----------------|------------------------|----------------------------|----------------------|--------|---------------|----------------------------|
| Model | Plunger<br>stroke | Jaw stroke<br>(Dia.) | 最大<br>Max.         | 最小<br>Min. | Max. D.B. pull | Max. Clamping<br>force | Max. speed                 | Moment of<br>inertia | Weight | Matching cyl. | Max. pressure              |
|       | mm                | mm                   | mm                 | mm         | kN (kgf)       | kN (kgf)               | min <sup>-1</sup> (r.p.m.) | kg · m <sup>2</sup>  | kg     |               | MPa (kgf/cm <sup>2</sup> ) |
| 3M-05 | 15                | 10.9                 | 135                | 14         | 9.8 (1000)     | 23 (2350)              | 4500                       | 0.02                 | 6.0    | RK-75(N)      | 2.7(27)                    |
| 3M-06 | 20                | 14.5                 | 165                | 14         | 21.6 (2200)    | 50 (3680)              | 4000                       | 0.04                 | 12.2   | RK-100(N)     | 3.0(30)                    |
| 3M-08 | 23                | 16.7                 | 210                | 17         | 29.4 (3000)    | 72 (7340)              | 3500                       | 0.13                 | 23.0   | RK-125(N)     | 2.9(29)                    |
| 3M-10 | 27                | 19.6                 | 254                | 22         | 39.2 (4000)    | 102 (10400)            | 3000                       | 0.3                  | 34.3   | RK-150(N)     | 2.8(28)                    |
| 3M-12 | 30                | 21.8                 | 304                | 26         | 54.0 (5500)    | 150 (15300)            | 2500                       | 0.71                 | 59.4   | RK-150(N)     | 3.6(36)                    |

### 外型尺寸 DIMENSIONS

| Model | A   | B   | C(H6) | D     | E | G max. | G min. | H  | J  | K        |
|-------|-----|-----|-------|-------|---|--------|--------|----|----|----------|
| 3M-05 | 135 | 55  | 80    | 100   | 7 | 6      | -9     | 35 | 28 | M12x1.75 |
| 3M-06 | 165 | 74  | 140   | 104.8 | 5 | 101.6  | 81.6   | 36 | 34 | M16x2    |
| 3M-08 | 210 | 85  | 170   | 133.4 | 5 | 129    | 106    | 36 | 38 | M20x2.5  |
| 3M-10 | 254 | 89  | 220   | 171.4 | 5 | 160    | 133    | 36 | 45 | M20x2.5  |
| 3M-12 | 304 | 106 | 220   | 171.4 | 6 | 70     | 40     | 46 | 50 | M24x3    |

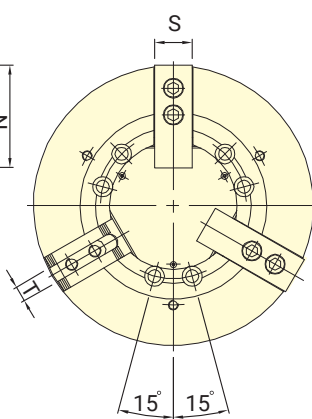
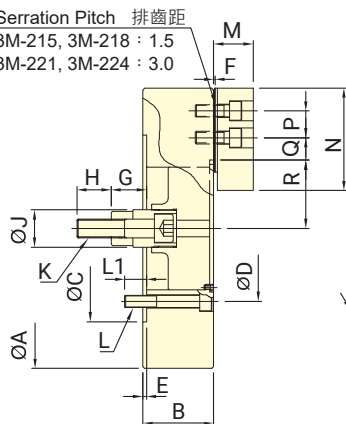
  

| Model | L     | L1 | M  | N   | P  | Q max. | Q min. | R max. | R min. | S  | T  |
|-------|-------|----|----|-----|----|--------|--------|--------|--------|----|----|
| 3M-05 | 3~M8  | 14 | 31 | 62  | 14 | 15.5   | 5      | 32.9   | 27.45  | 25 | 10 |
| 3M-06 | 6~M10 | 14 | 37 | 73  | 20 | 17     | 8      | 38.7   | 31.45  | 31 | 12 |
| 3M-08 | 6~M12 | 20 | 38 | 95  | 25 | 22.3   | 8.8    | 47.5   | 39.15  | 35 | 14 |
| 3M-10 | 6~M16 | 18 | 43 | 110 | 30 | 32.3   | 12.8   | 53.9   | 44.1   | 40 | 16 |
| 3M-12 | 6~M16 | 18 | 51 | 130 | 30 | 47.8   | 13.3   | 62.5   | 51.6   | 50 | 21 |

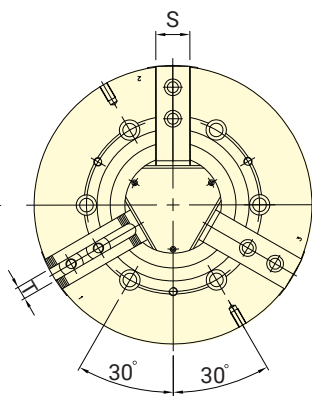


- 楔形三爪中實夾頭，長爪行程。
- 摺動面均經硬化及精密研磨，並直接潤滑。
- 高剛性結構及高夾持精度。
- WEDGE-HOOK type 3-jaw power chuck and long jaw stroke.
- Matching surfaces of all parts hardened, ground and lubricated directly.
- High rigidity and high clamping accuracy.

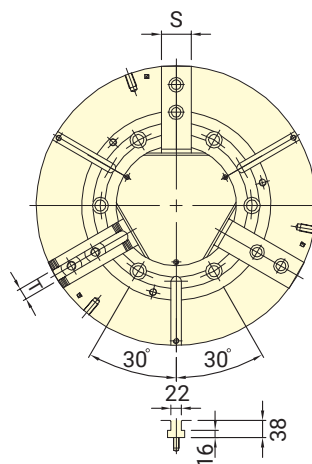
Serration Pitch 排齒距  
3M-215, 3M-218 : 1.5  
3M-221, 3M-224 : 3.0



3M-215,3M-218



3M-221



3M-224

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

### 技術規格 SPECIFICATIONS

| 型號     | 楔心行程                    | 爪行程<br>(直徑)                | 夾持直徑<br>Chuck Dia.                   | 容許最大入力                     | 最大夾持力                              | 最高迴轉數                                    | I                                           | 重量           | 適用迴轉缸         | 最大使用壓力                                      |
|--------|-------------------------|----------------------------|--------------------------------------|----------------------------|------------------------------------|------------------------------------------|---------------------------------------------|--------------|---------------|---------------------------------------------|
| Model  | Plunger<br>stroke<br>mm | Jaw stroke<br>(Dia.)<br>mm | 最大<br>Max.<br>mm<br>最小<br>Min.<br>mm | Max. D.B. pull<br>kN (kgf) | Max. Clamping<br>force<br>kN (kgf) | Max. speed<br>min <sup>-1</sup> (r.p.m.) | Moment of<br>inertia<br>kg · m <sup>2</sup> | Weight<br>kg | Matching cyl. | Max. pressure<br>MPa (kgf/cm <sup>2</sup> ) |
| 3M-215 | 35                      | 25.4                       | 381 20                               | 91.0 (9280)                | 158.9 (16200)                      | 2300                                     | 1.8                                         | 96           | RK-200(N)     | 3.0(30)                                     |
| 3M-218 | 35                      | 25.4                       | 450 51                               | 91.0 (9280)                | 158.9 (16200)                      | 2000                                     | 2.32                                        | 124          | RK-200(N)     | 3.0(30)                                     |
| 3M-221 | 35                      | 25.4                       | 530 53                               | 91.0 (9280)                | 158.9 (16200)                      | 1350                                     | 4.9                                         | 175          | RK-200(N)     | 3.0(30)                                     |
| 3M-224 | 35                      | 25.4                       | 610 160                              | 91.0 (9280)                | 158.9 (16200)                      | 1250                                     | 7.2                                         | 225          | RK-200(N)     | 3.0(30)                                     |

### 外型尺寸 DIMENSIONS

| Model  | A   | B   | C(H6) | D     | E | F | G max. | G min. | H  | J  |
|--------|-----|-----|-------|-------|---|---|--------|--------|----|----|
| 3M-215 | 381 | 114 | 300   | 235   | 6 | 2 | 104    | 69     | 55 | 60 |
| 3M-218 | 450 | 114 | 300   | 235   | 6 | 2 | 92     | 57     | 55 | 60 |
| 3M-221 | 530 | 125 | 380   | 330.2 | 6 | 3 | 97     | 62     | 55 | 60 |
| 3M-224 | 610 | 125 | 380   | 330.2 | 6 | 3 | 97     | 62     | 55 | 60 |

| Model  | K       | L     | L1 | M    | N   | P  | Q max. | Q min. | R max. | R min. | S  | T    |
|--------|---------|-------|----|------|-----|----|--------|--------|--------|--------|----|------|
| 3M-215 | M30x3.5 | 6~M20 | 30 | 63.3 | 165 | 43 | 49.75  | 18.25  | 79     | 66.3   | 62 | 25.5 |
| 3M-218 | M30x3.5 | 6~M20 | 35 | 63.3 | 165 | 43 | 51.25  | 18.25  | 109.5  | 96.8   | 62 | 25.5 |
| 3M-221 | M30x3.5 | 6~M24 | 31 | 71   | 180 | 60 | 90.5   | 24.5   | 92     | 79.3   | 65 | 25   |
| 3M-224 | M30x3.5 | 6~M24 | 31 | 71   | 180 | 60 | 90     | 24     | 131    | 118.3  | 65 | 25   |