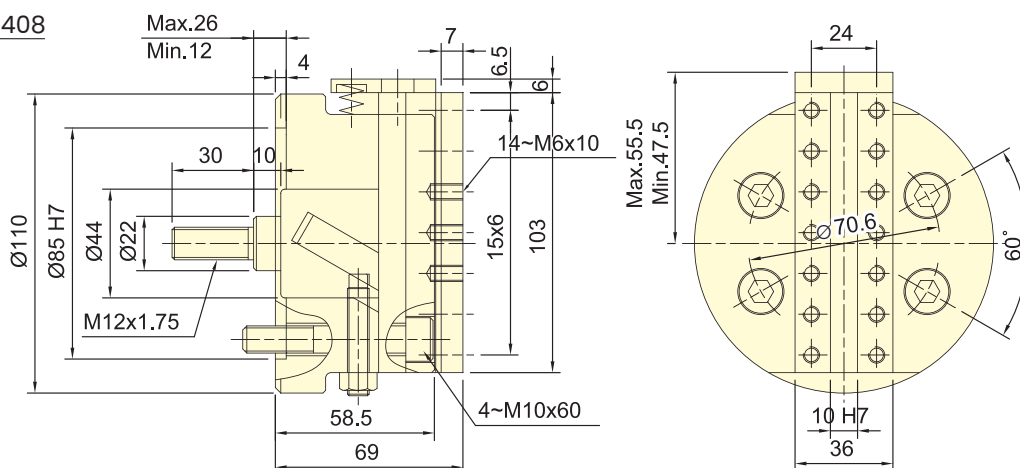




- 進給機構是以單斜楔式的傳動方式為之，進給速度穩定，進給速度與行程的調整非常容易。
- 摺動面均經過硬化及精密研磨，剛性與耐久性非常良好。
- 定位精度:±0.03mm。
- Feed mechanism is Wedge Plunger, with steady feed speed. Simple adjustment for feed speed and stroke.
- Matching surfaces of all parts hardened, grinding and lubricated directly. With rigidity and durability.
- Stopper accuracy: ±0.03mm.
- 與行控型迴轉油壓缸搭配使用。
- 單斜楔式展刀頭可搭配伺服馬達及滾珠螺桿機構做精密展刀加工。
- Suitable for using with RS type cylinder.
- For precision processes, Wedge Plunger type facing heads are suitable for using with electro servo and ball screw mechanism.

### 單斜楔式傳動 WEDGE PLUNGER FA-408



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

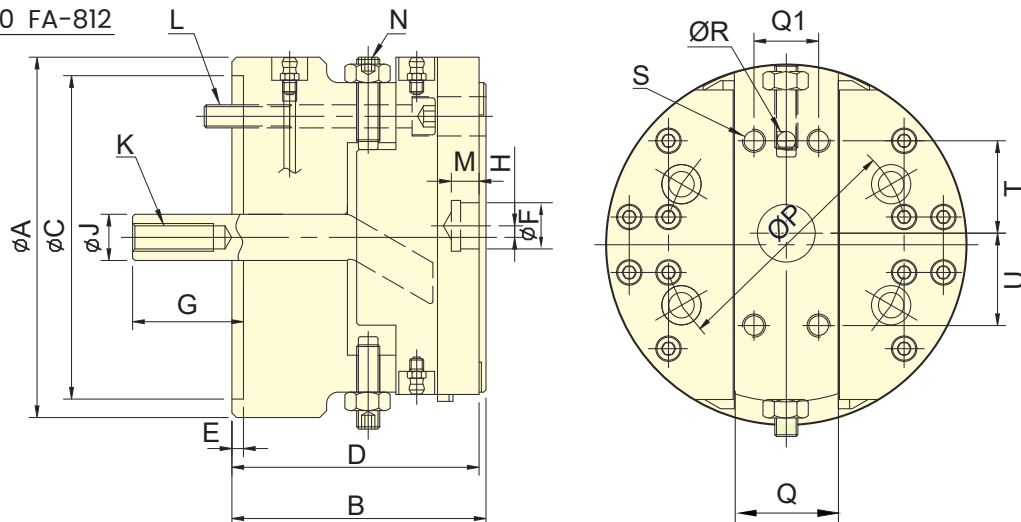
### 技術規格 SPECIFICATIONS

| 型號     | 楔心行程           | 滑座行程          | 最高迴轉數                      | 容許最大入力         | 重量     | 適用迴轉缸             | 最大使用壓力                    |
|--------|----------------|---------------|----------------------------|----------------|--------|-------------------|---------------------------|
| Model  | Plunger stroke | Slider stroke | Max. speed                 | Max. D.B. PULL | Weight | Matching cylinder | Max. pressure             |
|        | mm             | mm            | min <sup>-1</sup> (r.p.m.) | kN(kgf)        | kg     |                   | MPa(kgf/cm <sup>2</sup> ) |
| FA-408 | 14             | 8             | 1600                       | 2.8 (280)      | 4.2    | RS-6520N          | 1.0(10)                   |



- 進給機構是以單斜楔式的傳動方式為之，進給速度穩定，進給速度與行程的調整非常容易。
- 摺動面均經過硬化及精密研磨，剛性與耐久性非常良好。
- 定位精度:  $\pm 0.03\text{mm}$ 。
- Feed mechanism is Wedge Plunger, with steady feed speed. Simple adjustment for feed speed and stroke.
- Matching surfaces of all parts hardened, grinding and lubricated directly. With rigidity and durability.
- Stopper accuracy:  $\pm 0.03\text{mm}$ .
- 與行控型迴轉油壓缸搭配使用。
- 單斜楔式展刀頭可搭配伺服馬達及滾珠螺桿機構做精密展刀加工。
- Suitable for using with RS type cylinder.
- For precision processes, Wedge Plunger type facing heads are suitable for using with electro servo and ball screw mechanism.

單斜楔式傳動  
WEDGE PLUNGER  
FA-610 FA-812



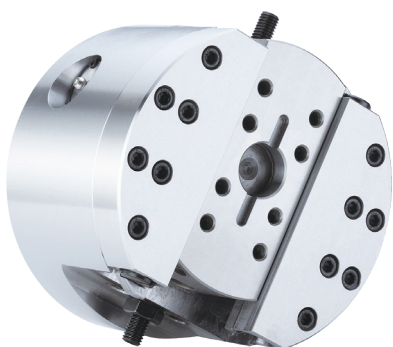
保留規格修改的權利  
Subject to technical changes

### 技術規格 SPECIFICATIONS

| 型號     | 楔心行程           | 滑座行程          | 最高迴轉數                      | 容許最大入力         | 重量     | 適用迴轉缸             | 最大使用壓力                    |
|--------|----------------|---------------|----------------------------|----------------|--------|-------------------|---------------------------|
| Model  | Plunger stroke | Slider stroke | Max. speed                 | Max. D.B. PULL | Weight | Matching cylinder | Max. pressure             |
|        | mm             | mm            | min <sup>-1</sup> (r.p.m.) | kN(kgf)        | kg     |                   | MPa(kgf/cm <sup>2</sup> ) |
| FA-610 | 18             | 10            | 1200                       | 2.8 (280)      | 14.5   | RS-6520N          | 1.0(10)                   |
| FA-812 | 21             | 12            | 800                        | 4.4 (450)      | 28.5   | RS-6530N          | 1.6(16)                   |

### 外型尺寸 DIMENSIONS

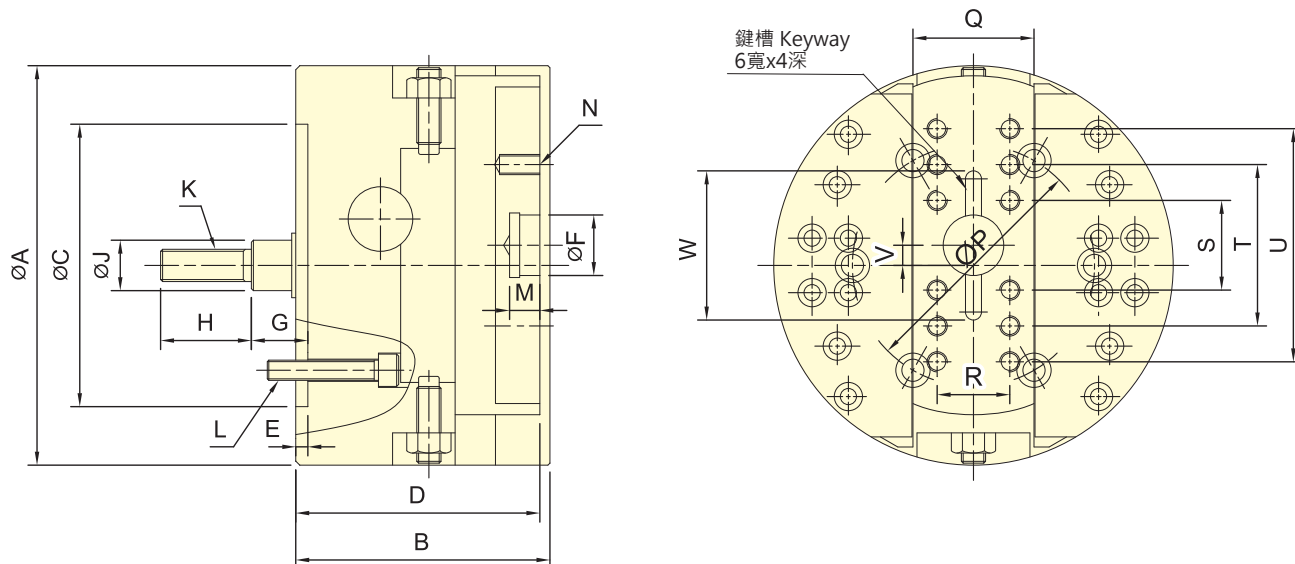
| Model  | A   | B   | C<br>(H7) | D   | E | F<br>(H7) | G<br>max. | G<br>min. | H       | J  | K        | L         | M  | N        | P     | Q  | Q1 | R<br>(H8) | S        | T  | U  |
|--------|-----|-----|-----------|-----|---|-----------|-----------|-----------|---------|----|----------|-----------|----|----------|-------|----|----|-----------|----------|----|----|
| FA-610 | 156 | 110 | 140       | 107 | 5 | 20        | 66        | 48        | $\pm 5$ | 20 | M12x1.75 | 4-M10x90  | 12 | 2-M10x45 | 104.8 | 45 | 28 | 8         | 4-M10x16 | 40 | 40 |
| FA-812 | 198 | 130 | 170       | 127 | 5 | 25        | 84        | 63        | $\pm 6$ | 25 | M16x2.0  | 4-M12x105 | 12 | 2-M12x60 | 133.4 | 54 | 32 | 10        | 4-M10x16 | 50 | 50 |



- 進給機構是以齒條與齒輪傳動方式為之，進給速度穩定，進給速度與行程的調整非常容易。
- 摺動面均經過硬化及精密研磨，剛性與耐久性非常良好。
- 定位精度:±0.03mm，需搭配定位螺栓。
- Feed mechanism is transmitted by Rack and Pinion with steady feed speed. Simple adjustment for feed speed and stroke.
- Matching surfaces of all parts hardened, grinding and lubricated directly. With rigidity and durability.
- Stopper accuracy: ±0.03mm, work with stopper screw.
- 與行控型迴轉油壓缸搭配使用。
- Suitable for using with RS type cylinder.

### 齒條與齒輪傳動 RACK AND PINION

FA-615 FA-830 FA-1570



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

### 技術規格 SPECIFICATIONS

| 型號      | 楔心行程           | 滑座行程          | 最高迴轉數                      | 容許最大入力         | 重量     | 適用迴轉缸             | 最大使用壓力                    |
|---------|----------------|---------------|----------------------------|----------------|--------|-------------------|---------------------------|
| Model   | Plunger stroke | Slider stroke | Max. speed                 | Max. D.B. PULL | Weight | Matching cylinder | Max. pressure             |
|         | mm             | mm            | min <sup>-1</sup> (r.p.m.) | kN(kgf)        | kg     |                   | MPa(kgf/cm <sup>2</sup> ) |
| FA-615  | 15             | 15            | 1200                       | 3.3 (340)      | 11.9   | RS-6520N          | 1.2(12)                   |
| FA-830  | 30             | 30            | 800                        | 5.0 (510)      | 23.9   | RS-6530N          | 1.8(18)                   |
| FA-1570 | 70             | 70            | 500                        | 18.2 (1855)    | 167    | RS-1080N          | 2.6(26)                   |

### 外型尺寸 DIMENSIONS

| Model   | A   | B   | C (H7) | D   | E | F (H7) | G max. | G min. | H  | J  | K        |
|---------|-----|-----|--------|-----|---|--------|--------|--------|----|----|----------|
| FA-615  | 150 | 107 | 110    | 102 | 5 | 25     | 43     | 28     | 35 | 20 | M12x1.75 |
| FA-830  | 198 | 126 | 140    | 121 | 6 | 30     | 55     | 25     | 45 | 25 | M16x2    |
| FA-1570 | 400 | 200 | 300    | 192 | 6 | 60     | 110    | 40     | 75 | 50 | M30x3.5  |

| Model   | L        | M  | N         | P    | Q   | R  | S   | T   | U   | V     | W  |
|---------|----------|----|-----------|------|-----|----|-----|-----|-----|-------|----|
| FA-615  | 3-M10x40 | 12 | 8-M8x16   | 82.6 | 50  | 32 | 32  | 68  | -   | ±7.5  | 56 |
| FA-830  | 6-M10x55 | 15 | 12-M10x20 | 120  | 60  | 36 | 40  | 80  | 120 | ±15   | 66 |
| FA-1570 | 6-M20x90 | 15 | 8-M16x20  | 235  | 120 | 80 | 130 | 260 | -   | ±17.5 | -  |