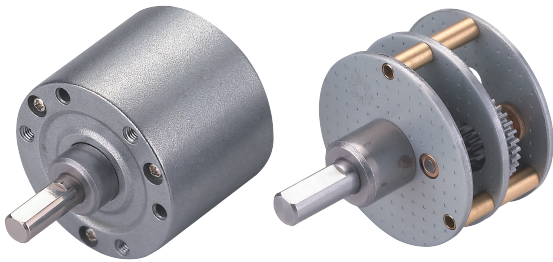
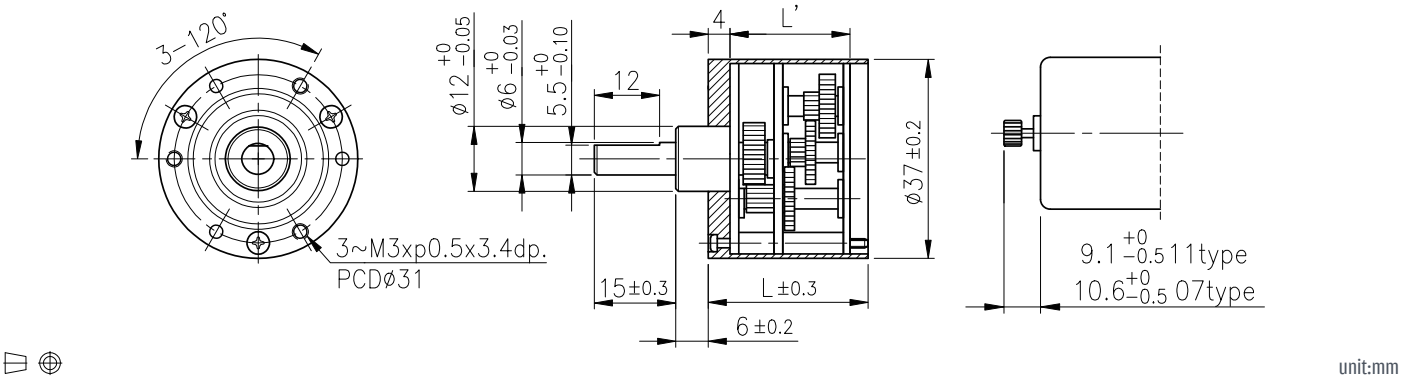


RA-35A



外形尺寸 & 馬達裝卸方法/ Appearance Size & Motor Installation



產品規格/ Product Specifications

| 外殼材質<br>Housing material | 輸出軸承型式<br>Bearing at output | 徑向負荷<br>Radial load (10 mm from flange) | 軸向負荷<br>Shaft axial load | 主軸最大承受壓入力<br>Shaft press fit force, max. | 徑向間隙<br>Radial play of shaft | 軸向間隙<br>Thrust play of shaft | 背隙 (無負荷時)<br>Backlash, at no-load |
|--------------------------|-----------------------------|-----------------------------------------|--------------------------|------------------------------------------|------------------------------|------------------------------|-----------------------------------|
| 金屬<br>Metal              | 含油軸承<br>Sleeve bearings     | ≤ 1 kgf                                 | ≤ 0.7 kgf                | ≤ 5 kgf                                  | ≤ 0.05 mm                    | ≤ 0.35 mm                    | ≤ 2 °                             |

馬達齒輪型式/ Pinion Specifications

| 模數<br>Module | 齒數<br>No. of teeth | 壓力角<br>Pressure angle | 螺旋角<br>Helix angle | 孔徑 (mm)<br>Hole diameter           | 減速比<br>Reduction ratio |
|--------------|--------------------|-----------------------|--------------------|------------------------------------|------------------------|
| 0.5          | 10                 | 20 °                  | — 18 ° (左, left)   | Ø 1.98 Ø 2.28 Ø 2.48 Ø 2.98 Ø 3.16 | 全種通用<br>Practicable    |

標準減速比型式/ Gearboxes Specifications

| 減速比<br>Reduction ratio                            | 1/16<br>1/19<br>1/21 | 1/31<br>1/38<br>1/47 | 1/56<br>1/63<br>1/69 | 1/75<br>1/94<br>1/104<br>1/113 | 1/125<br>1/156<br>1/169<br>1/188 | 1/219<br>1/234<br>1/250 | 1/281<br>1/312<br>1/375 | 1/422<br>1/469<br>1/563<br>1/625 |  |  |  |  |  |  |  |  |
|---------------------------------------------------|----------------------|----------------------|----------------------|--------------------------------|----------------------------------|-------------------------|-------------------------|----------------------------------|--|--|--|--|--|--|--|--|
| 定格容許扭力 (Kgf-cm Max.)<br>Rated tolerance torque    | 2                    | 3                    | 4                    | 5                              | 6                                | 6                       | 6                       | 6                                |  |  |  |  |  |  |  |  |
| 瞬間容許扭力 (Kgf-cm)<br>Max momentary tolerance torque | 6                    | 9                    | 12                   | 15                             | 18                               | 18                      | 18                      | 18                               |  |  |  |  |  |  |  |  |
| 效率<br>Efficiency                                  | 73%                  | 66%                  | 66%                  | 59%                            | 59%                              | 53%                     | 53%                     | 53%                              |  |  |  |  |  |  |  |  |
| L'                                                | 20.6                 | 20.6                 | 23.1                 | 25.5                           | 25.5                             | 28.0                    | 28.0                    | 28.0                             |  |  |  |  |  |  |  |  |
| L                                                 | 27.1                 | 27.1                 | 29.5                 | 29.5                           | 32.0                             | 32.0                    | 32.0                    | 34.5                             |  |  |  |  |  |  |  |  |
| 重量<br>Weight (g)                                  | 108                  | 114                  | 114                  | 122                            | 122                              | 126                     | 126                     | 126                              |  |  |  |  |  |  |  |  |

- 使用相對溼度：20%~85%RH  
Operating relative humidity
- 使用溫度範圍：-10℃~+60℃  
Operating temperature range