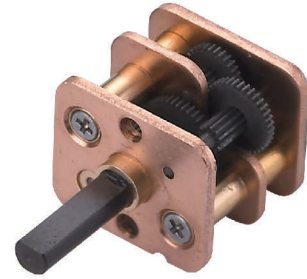
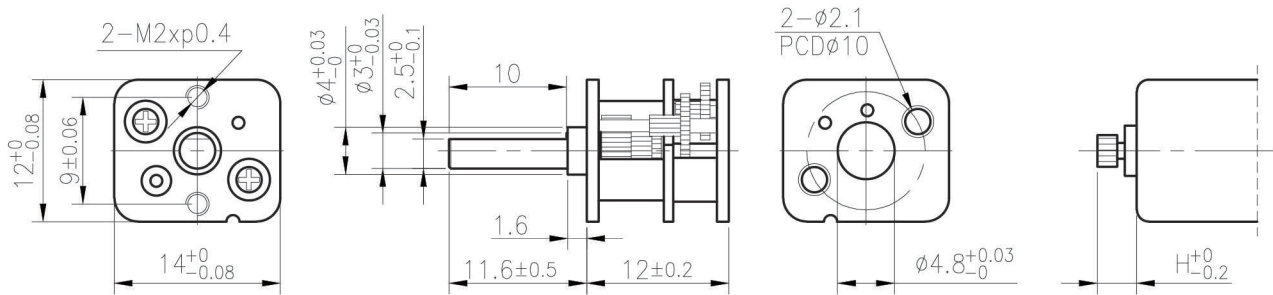


# RA-14W



外形尺寸 & 馬達齒鉤合尺寸 / Appearance Size & Pinion Assembly Dimension



unit:mm

## 產品規格 / Product Specifications

| 外殼材質<br>Housing material | 輸出軸承型式<br>Output shaft bearing | 徑向負荷<br>Radial load (5mm from flange) | 軸向負荷<br>Shaft axial load | 主軸承受壓入力<br>Shaft press fit force | 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 |
|--------------------------|--------------------------------|---------------------------------------|--------------------------|----------------------------------|------------------------------|------------------------------|-----------------------------------|
| ---                      | 滑動軸承<br>Sleeve bearing         | ≤ 0.4 kgf                             | ≤ 0.2 kgf                | ≤ 2 kgf                          | ≤ 0.06 mm                    | ≤ 0.2 mm                     | ≤ 1.5°                            |

## 馬達齒輪型式 / Pinion Specifications

| 模數<br>Module | 齒數<br>No. of teeth | 壓力角<br>Pressure angle | 孔徑 (mm)<br>Hole diameter | 減速比<br>Reduction ratio |
|--------------|--------------------|-----------------------|--------------------------|------------------------|
| 0.15         | 15                 | 20°                   | ∅ 1.49                   | 1/123, 1/209           |
| 0.15         | 17                 | 20°                   | ∅ 1.49                   | 1/6, 1/36, 1/62        |

## 標準減速比型式 / Gearboxes Specifications

| 減速比<br>Reduction ratio                            | 1/6 | 1/36 | 1/62 | 1/123 | 1/209 |
|---|-----|------|------|-------|-------|
| 定格容許扭力 (kgf-cm max.)<br>Rated tolerance torque    | 0.2 | 0.3  | 0.5  | 0.8   | 1     |
| 瞬間容許扭力 (kgf-cm)<br>Max momentary tolerance torque | 0.6 | 0.9  | 1.5  | 2.4   | 3     |
| 效率<br>Efficiency                                  | 81% | 66%  | 66%  | 59%   | 59%   |
| 高度<br>Height (H)                                  | 4.1 | 4.1  | 4.1  | 2.9   | 2.9   |
| 重量<br>Weight (g)                                  | 6.2 | 6.2  | 6.2  | 6.2   | 6.2   |

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

IG

Right Angle

RA

RB

WG

Encoder

Driver