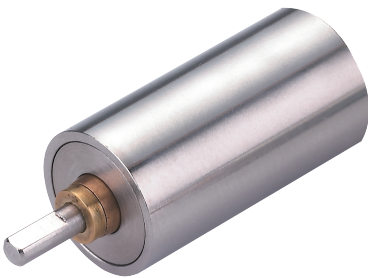
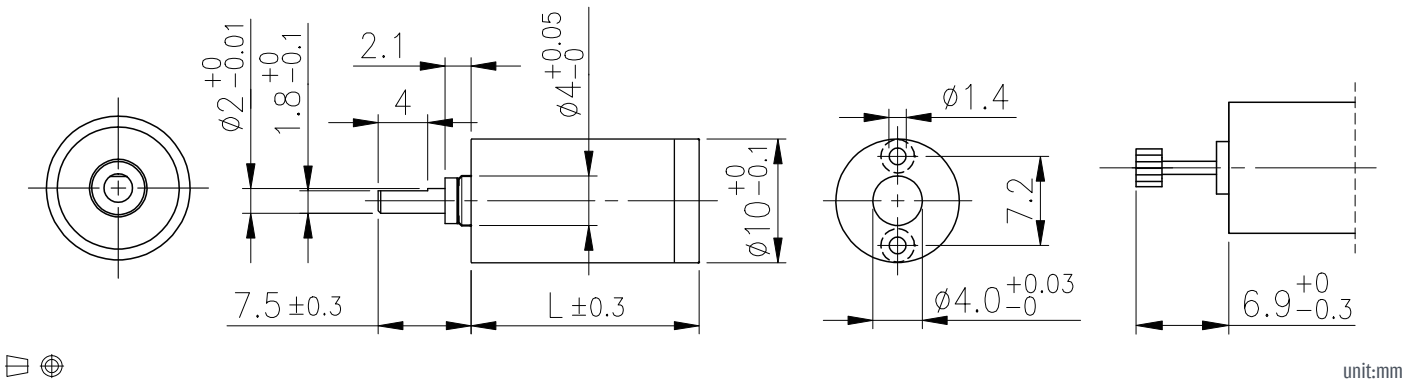


IG-10



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 (5mm 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     | $\leq 100\text{ gf}$                  | $\leq 200\text{ gf}$     | $\leq 500\text{ gf}$                     | $\leq 0.05\text{ mm}$        | $\leq 0.2\text{ mm}$         | $\leq 3^\circ$                    |

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 |
|--------------|--------------------|-----------------------|--------------------------|------------------------|
| 0.2          | 12                 | $20^\circ$            | $\phi 0.99$              | 全種通用<br>Practicable    |

標準減速比型式/ Gearboxes Specifications

|                                                  |      |      |      |       |        |        |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------|------|------|------|-------|--------|--------|--|--|--|--|--|--|--|--|--|
| 減速比<br>Reduction ratio                           | 1/4  | 1/16 | 1/64 | 1/256 | 1/1024 | 1/4096 |  |  |  |  |  |  |  |  |  |
| 定格容許扭力 (gf-cm Max.)<br>Rated tolerance torque    | 50   | 100  | 300  | 400   | 500    | 600    |  |  |  |  |  |  |  |  |  |
| 瞬間容許扭力 (gf-cm)<br>Max momentary tolerance torque | 150  | 300  | 900  | 1200  | 1500   | 1800   |  |  |  |  |  |  |  |  |  |
| 效率<br>Efficiency                                 | 85%  | 75%  | 65%  | 55%   | 45%    | 40%    |  |  |  |  |  |  |  |  |  |
| 長度<br>Length (L)                                 | 11.7 | 14.8 | 17.9 | 21.0  | 24.1   | 27.2   |  |  |  |  |  |  |  |  |  |
| 重量 (含油軸承)<br>Weight (g) /Sleeve bearings         | 6.2  | 7.2  | 8.2  | 10.2  | 11.2   | 13.2   |  |  |  |  |  |  |  |  |  |

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