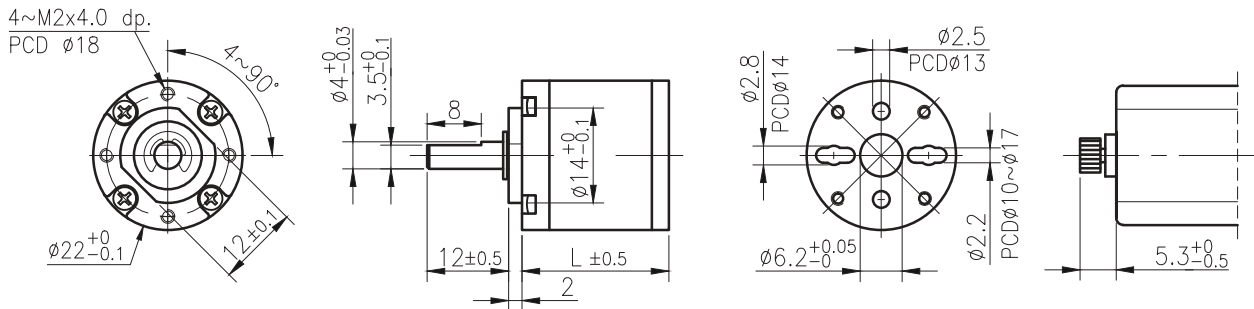


IG-22P



unit:mm

產品規格/ Product Specifications

| 外殼材質 Housing material | 輸出軸承型式 Bearing at output | 徑向負荷 Radial load (10mm from flange) | 軸向負荷 Shaft axial load | 主軸最大承受壓入力 Shaft press fit force, max. | 徑向間隙 Radial play of shaft | 軸向間隙 Thrust play of shaft | 背隙 (無負荷時) Backlash, at no-load |
|--------------------------|-----------------------------|--|--------------------------|--|------------------------------|------------------------------|-----------------------------------|
| 粉末金屬 Powder Metal | 含油軸承 Sleeve bearings | ≤ 0.8 kgf | ≤ 0.6 kgf | ≤ 5 kgf | ≤ 0.08 mm | ≤ 0.2 mm | ≤ 3° |
| 粉末金屬 Powder Metal | 滾珠軸承 Ball bearings | ≤ 1 kgf | ≤ 0.6 kgf | ≤ 5 kgf | ≤ 0.05 mm | ≤ 0.2 mm | ≤ 3° |

馬達齒輪型式/ Pinion Specifications

| 模數 Module | 齒數 No. of teeth | 壓力角 Pressure angle | 孔徑 (mm) Hole diameter | 減速比 Reduction ratio |
|--------------|--------------------|-----------------------|--------------------------|---|
| 0.3 | 13 | 20° | ø 1.98 | 1/4, 1/16, 1/19, 1/62, 1/72, 1/84, 1/104, 1/231, 1/270 1/316, 1/370, 1/455, 1/1014, 1/1249, 1/1621, 1/1996 |
| 0.3 | 16 | 20° | ø 1.98 | 1/14, 1/53, 1/198, 1/742 |

標準減速比型式/ Gearboxes Specifications

| 減速比 Reduction ratio | 1/4 | 1/14 | 1/16 | 1/19 | 1/53 | 1/62 | 1/72 | 1/84 | 1/104 | 1/198 | 1/231 | 1/270 | 1/316 | 1/370 | 1/455 | 1/742 | 1/1014 | 1/1621 | 1/1996 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 定格容許扭力 (kgf-cm Max.) Rated tolerance torque | 0.8 | 1.3 | 1.3 | 1.3 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 2 | 2 | 2 | 2 | 2 | 2 | 2.5 | 2.5 | 2.5 | 2.5 |
| 瞬間容許扭力 (kgf-cm) Max momentary tolerance torque | 2.4 | 3.9 | 3.9 | 3.9 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 6 | 6 | 6 | 6 | 6 | 6 | 7.5 | 7.5 | 7.5 | 7.5 |
| 效率 Efficiency | 80% | 70% | 70% | 70% | 60% | 60% | 60% | 60% | 60% | 50% | 50% | 50% | 50% | 50% | 50% | 40% | 40% | 40% | 40% |
| 長度 Length (L) | 14.40 | 18.05 | 18.05 | 18.05 | 21.70 | 21.70 | 21.70 | 21.70 | 21.70 | 25.35 | 25.35 | 25.35 | 25.35 | 25.35 | 25.35 | 29 | 29 | 29 | 29 |
| 重量 (含油軸承) Weight (g) /Sleeve bearings | 27 | 31 | 31 | 31 | 35 | 35 | 35 | 35 | 35 | 60 | 60 | 60 | 60 | 60 | 60 | 65 | 65 | 65 | 65 |
| 重量 (滾珠軸承) Weight (g) /Ball bearings | 26 | 30 | 30 | 30 | 34 | 34 | 34 | 34 | 34 | 59 | 59 | 59 | 59 | 59 | 59 | 64 | 64 | 64 | 64 |

- 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