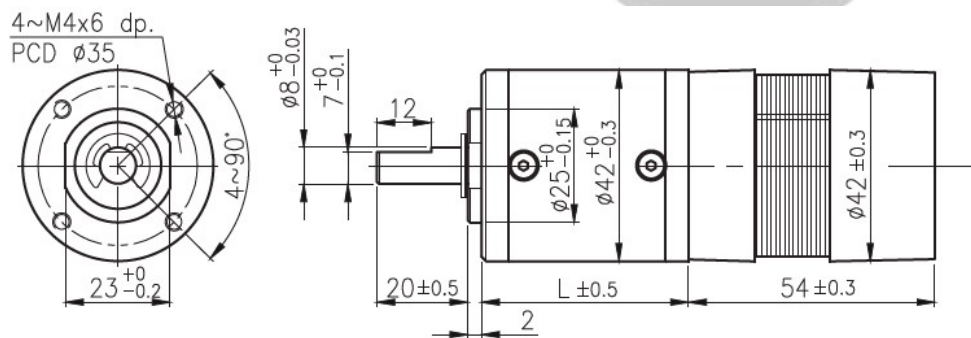


IG-42HGM

41&42 TYPE



Appearance Size



unit:mm

Geared Motor Torque & Speed

| 減速比 Reduction ratio | 1/15 | 1/17 | 1/20 | 1/25 | 1/51 | 1/64 | 1/84 | 1/100 | 1/120 | 1/180 | 1/222 | 1/294 | 1/500 | 1/600 | 1/720 | 1/1062 | 1/1470 | 1/2500 | 1/3000 | 1/3600 |
|-------------------------------------|--------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 12V 定格扭力 Rated torque (Kg-cm) | 2 | 2.3 | 2.8 | 3.5 | 6 | 7.5 | 10 | 12 | 14 | 18 | 22 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 12V 定格轉數 Rated speed (rpm) | 200 | 175 | 150 | 115 | 58 | 47 | 35 | 30 | 25 | 16 | 13 | 10 | 6.2 | 5.2 | 4.5 | 3 | 2.3 | 1.3 | 1.15 | 0.95 |
| 24V 定格扭力 Rated torque (Kg-cm) | 3.6 | 4.3 | 5 | 6.5 | 11 | 14 | 18 | 20 | 20 | 25 | 25 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 24V 定格轉數 Rated speed (rpm) | 300 | 260 | 220 | 170 | 85 | 69 | 52 | 44 | 37 | 25 | 20 | 15.2 | 8.9 | 7.5 | 6.3 | 4.3 | 3.1 | 1.8 | 1.6 | 1.3 |
| 軸心迴轉方向 Rotation direction | CW/CCW | | | | | | | | | | | | | | | | | | | |
| 長度 Length (L) | 39.2 | | | 45.9 | | | | 52.6 | | | | | 59.6 | | | | | | | |

Motor Data

| 定格電壓 Rated volt (V) | 定格扭力 Rated torque (g-cm) | 定格轉數 Rated speed (rpm) | 定格電流 Rated current (mA) | 無負荷轉數 No load speed (rpm) | 無負荷電流 No load current (mA) | 定格出力 Rated output (W) | 重量 Weight (g) |
|------------------------|-----------------------------|---------------------------|----------------------------|------------------------------|-------------------------------|--------------------------|------------------|
| 12 | 200 | 3000 | ≤ 800 | 3700 | ≤ 160 | 6.16 | 260 |
| 24 | 370 | 4400 | ≤ 1000 | 5000 | ≤ 250 | 16.7 | 260 |

Motor Characteristics

