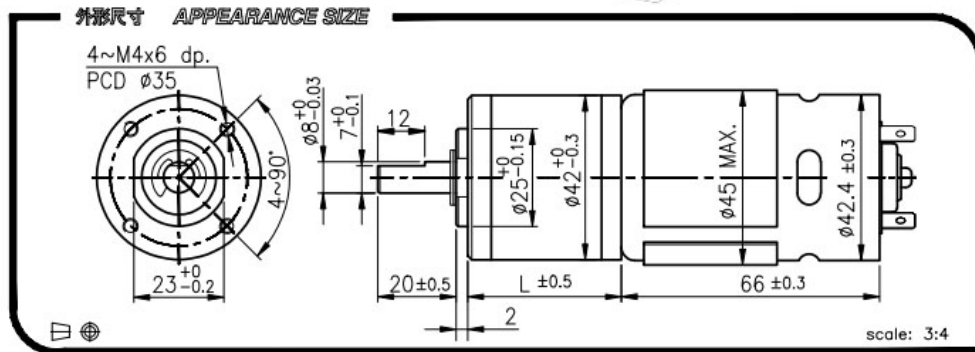


直流馬達 (DC Carbon-brush motors)

IG-42
GEARED MOTOR
SERIESIG-42GM
01&02 TYPE

| REDUCTION RATIO | L | REDUCTION RATIO | L |
|-----------------|------|-----------------|------|
| 1/4 | 32.5 | 1/212~1/864 | 52.6 |
| 1/14~1/24 | 39.2 | 1/1062~1/3600 | 59.6 |
| 1/49~1/144 | 45.9 | | |



GEARED MOTOR TORQUE/SPEED

| 減速比 Reduction ratio | 1/4 | 1/14 | 1/17 | 1/24 | 1/49 | 1/61 | 1/84 | 1/104 | 1/144 | 1/212 | 1/294 | 1/504 | 1/624 | 1/720 | 1/864 | 1/1062 | 1/1470 | 1/2500 | 1/3000 | 1/3600 |
|------------------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 12V 定格扭力(Kg-cm) Rated torque | 2.2 | 6.5 | 8.1 | 10 | 18 | 18 | 18 | 20 | 20 | 25 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 12V 定格回轉數(rpm) Rated speed | 1400 | 405 | 325 | 248 | 120 | 98 | 76 | 63 | 45 | 31 | 24 | 13.5 | 10.9 | 9.5 | 8.0 | 6.5 | 4.6 | 2.7 | 2.3 | 1.9 |
| 24V 定格扭力(Kg-cm) Rated torque | 1.8 | 5.4 | 6.6 | 9.5 | 16 | 18 | 18 | 20 | 20 | 25 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 24V 定格回轉數(rpm) Rated speed | 1445 | 420 | 340 | 240 | 122 | 102 | 77.5 | 63 | 47 | 31 | 23.8 | 13.5 | 10.9 | 9.5 | 8.0 | 6.5 | 4.6 | 2.7 | 2.3 | 1.9 |

馬達單體型式 / MOTOR DATA

| 定格電壓 Rated volt (V) | 定格扭力 Rated torque (g-cm) | 定格回轉數 Rated speed (rpm) | 定格電流 Rated current (mA) | 無負荷回轉數 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 | 700 | 5700 | ≤ 5500 | 7000 | ≤ 900 | 41.3 | 360 |
| 24 | 570 | 5900 | ≤ 2100 | 7000 | ≤ 500 | 34.7 | 360 |

馬達單體特性圖 / MOTOR CHARACTERISTICS

