

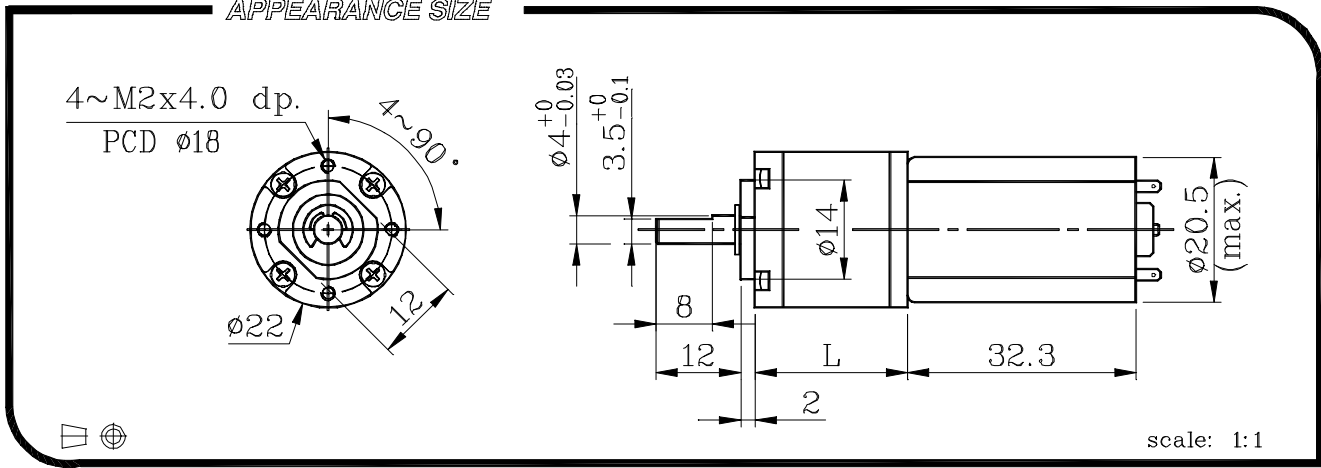
IG-22GM (01 & 02 Type)

Micro DC Planetary Geared Motor



| REDUCTION RATIO | L | REDUCTION RATIO | L |
|-----------------|-------|-----------------|-------|
| 1/4 | 14.40 | 1/198 ~ 1/455 | 25.35 |
| 1/14 ~ 1/19 | 18.05 | 1/742 ~ 1/1996 | 29.00 |
| 1/53 ~ 1/104 | 21.70 | | |

APPEARANCE SIZE



GEARED MOTOR TORQUE/SPEED

| | Reduction ratio | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
|-----|--------------------|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 4 | 14 | 16 | 19 | 53 | 62 | 72 | 84 | 104 | 198 | 231 | 270 | 316 | 370 | 455 | 742 | 1014 | 1249 | 1621 | 1996 |
| 12V | (g-cm) | 77 | 215 | 250 | 295 | 695 | 810 | 950 | 1100 | 1370 | 2100 | 2500 | 2500 | 2500 | 2500 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| | Rated torque (rpm) | 1520 | 475 | 407 | 348 | 127 | 109 | 93 | 79 | 64 | 34 | 29 | 25 | 22 | 19 | 15.5 | 9.5 | 7.0 | 5.8 | 4.6 | 3.8 |
| | Rated speed | | | | | | | | | | | | | | | | | | | | |
| 24V | (g-cm) | 77 | 215 | 250 | 295 | 695 | 810 | 950 | 1100 | 1370 | 2100 | 2500 | 2500 | 2500 | 2500 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| | Rated torque (rpm) | 1680 | 525 | 450 | 384 | 140 | 120 | 103 | 88 | 71 | 37 | 32 | 28 | 24 | 21 | 17 | 10.5 | 7.7 | 6.3 | 5.0 | 4.2 |
| | Rated speed | | | | | | | | | | | | | | | | | | | | |

MOTOR INSTALLATION

| (V) | (g - cm) | (rpm) Rated | (mA) | (rpm) | (mA) | (W) |
|------------|--------------|-------------|---------------|---------------|-----------------|--------------|
| Rated volt | Rated torque | speed | Rated current | No load speed | No load current | Rated output |
| 12 | 22 | 6700 | 200 | 8000 | 70 | 1.5 |
| 24 | 22 | 7400 | 110 | 9000 | 40 | 1.7 |

MOTOR CHARACTERISTICS

