



MC016

| Material | Bearing | Radial load | Axial load | Output shaft max press-in force | Output shaft radial clearance | Output shaft axial clearance | No-load backlash |
|----------|----------------|-------------|------------|---------------------------------|-------------------------------|------------------------------|------------------|
| Plastic | Porous bearing | ≤0.4Kgf | ≤0.2Kgf | ≤2Kgf | ≤0.06mm | ≤0.3mm | ≤1.5° |

| Gearbox Stages | 3 | | 4 | | 5 | | | 6 | | | 7 | | | | |
|-----------------------------|------|-----|------|-----|------|-----|-----|------|-----|-----|------|-----|-----|-----|------|
| Reduction ratio | 13 | 20 | 30 | 41 | 55 | 84 | 113 | 154 | 210 | 255 | 283 | 384 | 525 | 707 | 1064 |
| Max rated torque (kgf.cm) | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.5 | 0.8 | 0.8 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Max Instant torque (kgf.cm) | 0.6 | 0.6 | 0.9 | 0.9 | 0.9 | 1.5 | 2.4 | 2.4 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| Gearbox efficiency (%) | 73 | 73 | 65 | 65 | 65 | 59 | 59 | 59 | 53 | 53 | 53 | 53 | 47 | 47 | 47 |
| Gearbox length L1 (mm) | 13.1 | | 14.7 | | 16.3 | | | 17.9 | | | 19.5 | | | | |
| Overall Length L0 (mm) | 32.3 | | 33.3 | | 34.9 | | | 36.5 | | | 38.1 | | | | |

Relative humidity: 20%~85%RH, Temperature range: -15°C ~ 85°C.

