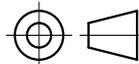


| SPECIFICATION | VALUE |
|--|-------------------------|
| GEAR RATIO | 50 |
| EFFICIENCY | 80% |
| BACKLASH@NO-LOAD(arcmin) | <=45 |
| MAX.PERMISSIBLE TORQUE(Nm)[lb-in] | 10.00[88.51] |
| MOMENT PERMISSIBLE TORQUE(Nm)[lb-in] | 20.00[177.02] |
| SHAFT MAXIMUM AXIAL LOAD(N) | 100 |
| SHAFT MAXIMUM RADIAL LOAD(N) | 300 |
| GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm) | 6.5-10.5 |
| RATED INPUT SPEED(RPM) | 1000 |
| MAX. INPUT SPEED(RPM) | 2000 |
| NOISE(dB) | <=55 |
| WATERPROOF RATING | IP54 |
| LIFE(h) | 20000 |
| WORKING TEMPERATURE | -20°C~150°C[-4°F~302°F] |

OSMTEC®
Stepper Motor Specialists



| | | | |
|-------|-----------|------|----------|
| mm | | | |
| UNITS | DRN | LJ | 1.7.2026 |
| 1:1 | APVD | MYX | 1.7.2026 |
| SCALE | SIGNATURE | DATE | |

PLANETARY GEARBOX

MG17-G50