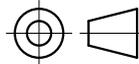


| SPECIFICATION                                    | VALUE                   |
|--|-------------------------|
| GEAR RATIO                                       | 20                      |
| EFFICIENCY                                       | 94.00%                  |
| BACKLASH@NO-LOAD(arcmin)                         | <=15                    |
| MAX.PERMISSIBLE TORQUE(Nm)[lb-in]                | 90.00[796.57]           |
| MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]             | 180.00[1593.13]         |
| SHAFT MAXIMUM AXIAL LOAD(N)                      | 800                     |
| SHAFT MAXIMUM RADIAL LOAD(N)                     | 1000                    |
| GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm) | 22~41                   |
| RATED INPUT SPEED(RPM)                           | 3000                    |
| MAX. INPUT SPEED(RPM)                            | 6000                    |
| NOISE(dB)  | <=65                    |
| WATERPROOF RATING                                | IP54                    |
| LIFE(h)  | 20000                   |
| WORKING TEMPERATURE                              | -20°C~150°C[-4°F~302°F] |

**OSMTEC**<sup>®</sup>  
Stepper Motor Specialists



|       |           |      |           |
|-------|-----------|------|-----------|
| mm    |           |      |           |
| UNITS | DRN       | LJ   | 1.12.2026 |
| 2:5   | APVD      | MYX  | 1.12.2026 |
| SCALE | SIGNATURE | DATE |           |

**PLANETARY GEARBOX**

**RTG90-G20**