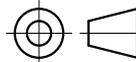


SPECIFICATION	VALUE
GEAR RATIO	10
EFFICIENCY	96%
BACKLASH@NO-LOAD(arcmin)	≤ 15
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]	5.00[44.2]
MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]	10.00[88.5]
SHAFT MAXIMUM AXIAL LOAD(N)	80
SHAFT MAXIMUM RADIAL LOAD(N)	260
GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm)	15~30
RATED INPUT SPEED(RPM)	3000
MAX. INPUT SPEED(RPM)	6000
NOISE(dB)	≤ 60
WATERPROOF RATING	IP54
LIFE(h)	20000
WORKING TEMPERATURE	$-10^{\circ}\text{C} \sim 90^{\circ}\text{C}$ [$14^{\circ}\text{F} \sim 212^{\circ}\text{F}$]

OSMTEC[®]
Stepper Motor Specialists



mm			
UNITS	DRN	LJ	1.12.2026
2:3	APVD	MYX	1.12.2026
SCALE	SIGNATURE	DATE	

PLANETARY GEARBOX

RYG17-G10