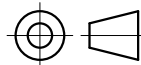


SPECIFICATION	VALUE
GEAR RATIO	50
EFFICIENCY	94%
BACKLASH@NO-LOAD(arcmin)	≤ 20
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]	3.00[26.55]
MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]	6.00[53.10]
SHAFT MAXIMUM AXIAL LOAD(N)	100
SHAFT MAXIMUM RADIAL LOAD(N)	300
GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm)	6.5-10.5
RATED INPUT SPEED(RPM)	1000
MAX. INPUT SPEED(RPM)	2000
NOISE(dB)	≤ 55
WATERPROOF RATING	IP54
LIFE(h)	20000
WORKING TEMPERATURE	$-20^{\circ}\text{C} \sim 150^{\circ}\text{C} [-4^{\circ}\text{F} \sim 302^{\circ}\text{F}]$

OSMTEC®
Stepper Motor Specialists



mm			
UNITS	DRN	MYX	1.13.2026
2:3	APVD	LDJ	1.13.2026
SCALE	SIGNATURE	DATE	

PLANETARY GEARBOX

EGS11-G50