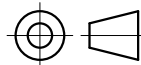


SPECIFICATION	VALUE
GEAR RATIO	100
EFFICIENCY	90.00%
BACKLASH@NO-LOAD(arcmin)	<=20
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]	260.00[2301.19]
MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]	520.00[4602.39]
SHAFT MAXIMUM AXIAL LOAD(N)	1500
SHAFT MAXIMUM RADIAL LOAD(N)	2100
GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm)	40~60
RATED INPUT SPEED(RPM)	3000
MAX. INPUT SPEED(RPM)	4500
NOISE(dB)	<=70
WATERPROOF RATING	IP54
LIFE(h)	20000
WORKING TEMPERATURE	-20°C~150°C[-4°F~302°F]

OSMTEC[®]
Stepper Motor Specialists



mm			
UNITS	DRN	MYX	1.13.2026
2:5	APVD	LDJ	1.13.2026
SCALE	SIGNATURE	DATE	

PLANETARY GEARBOX

EG42-G100