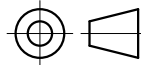


SPECIFICATION	VALUE
GEAR RATIO	50
EFFICIENCY	97%
BACKLASH@NO-LOAD(arcmin)	<=5
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]	15.00[132.76]
MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]	30.00[265.52]
SHAFT MAXIMUM AXIAL LOAD(N)	390
SHAFT MAXIMUM RADIAL LOAD(N)	780
GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm)	MAX 28
RATED INPUT SPEED(RPM)	3000
MAX. INPUT SPEED(RPM)	6000
NOISE(dB)	<=58
WATERPROOF RATING	IP65
LIFE(h)	20000
WORKING TEMPERATURE	-20°C~90°C[-4°F~194°F]

OSMTEC®
Stepper Motor Specialists



mm			
UNITS	DRN	LJ	1.13.2026
1:1	APVD	MYX	1.13.2026
SCALE	SIGNATURE	DATE	

PLANETARY GEARBOX

HTG40-G50