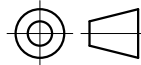


1:2

SPECIFICATION	VALUE
GEAR RATIO	7
EFFICIENCY	96%
BACKLASH@NO-LOAD(arcmin)	<=10
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]	60.00[531.04]
MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]	120.00[1062.08]
SHAFT MAXIMUM AXIAL LOAD(N)	800
SHAFT MAXIMUM RADIAL LOAD(N)	1000
GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm)	24~41
RATED INPUT SPEED(RPM)	3000
MAX. INPUT SPEED(RPM)	6000
NOISE(dB)	<=55
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
1:2	APVD	MYX	1.12.2026
SCALE	SIGNATURE	DATE	

**PLANETARY GEARBOX**

**TG90-G7**