



SPECIFICATION	CONNECTION	VALUE
GEAR RATIO		50
EFFICIENCY		94.00%
BACKLASH@NO-LOAD(arcmin)		≤ 15
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]		100.00[885.07]
MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]		200.00[1770.15]
SHAFT MAXIMUM AXIAL LOAD(N)		800
SHAFT MAXIMUM RADIAL LOAD(N)		1000
GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm)		35~40
RATED INPUT SPEED(RPM)		3000
NOISE(dB)		≤ 60
WATERPROOF RATING		IP54
LIFE(h)		20000
WORKING TEMPERATURE		$-20^{\circ}\text{C} \sim 150^{\circ}\text{C} [-4^{\circ}\text{F} \sim 302^{\circ}\text{F}]$

STEPPERONLINE®

	APVD		12.7.2022
	CHKD		
1:2	DRN		
SCALE	SIGNATURE		DATE

PLANETARY GEARBOX

TG90-G50