



SPECIFICATION	CONNECTION	VALUE
GEAR RATIO		10
EFFICIENCY		96.00%
BACKLASH@NO-LOAD(arcmin)		$\leq 15$
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]		1.00[8.85]
MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]		2.00[17.70]
SHAFT MAXIMUM AXIAL LOAD(N)		100
SHAFT MAXIMUM RADIAL LOAD(N)		300
GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm)		$9.5\pm0.5$
RATED INPUT SPEED(RPM)		1000
MAX. INPUT SPEED(RPM)		2000
NOISE(dB)		$\leq 55$
WATERPROOF RATING		IP54
LIFE(h)		20000
WORKING TEMPERATURE		$-20^{\circ}\text{C}\sim 150^{\circ}\text{C}[-4^{\circ}\text{F}\sim 302^{\circ}\text{F}]$

**SKYSMotor**

	APVD	1.19.2023
	CHKD	
1:1	DRN	
SCALE	SIGNATURE	DATE

**PLANETARY GEARBOX**

**TQEGS11-G10**