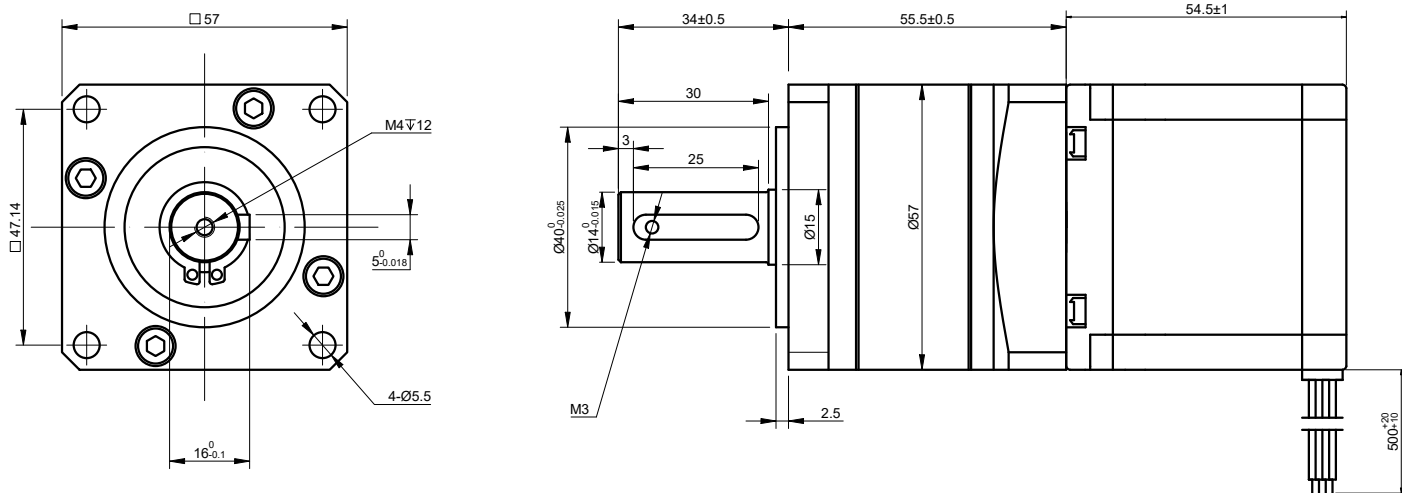


CUSTOMER'S MODEL: NO MODEL  
 END COVER COLOR: GRAY

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LJ	4.24.2025



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		2.90
RESISTANCE/PHASE(Ohms)@25°C		0.90±10%
INDUCTANCE/PHASE(mH)@1KHz		2.60±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]		1.20[10.63]
STEP ANGLE w/o GEARBOX(°)		1.80±5.00%
GEAR RATIO		10
MAX.PERMISSIBLE TORQUE(Nm)		10.00
MOMENT PERMISSIBLE TORQUE(Nm)		20.00
EFFICIENCY		90%
BACKLASH@NO-LOAD(arcmin)		<=30
AMBIENT TEMPERATURE		-10°C~50°C[14°F~122°F]
INSULATION CLASS		B 130°C[266°F]
TEMPERATURE RISE		MAX.80°C

**COMMENT:**

- 1.DYNAMIC AXIAL LOAD: 100N MAX
- 2.DYNAMIC RADIAL LOAD @ SHAFT LENGTH 20mm: 250N MAX
- 3.TMBF 6000h OR MORE @ 24V/300RPM
- 4.INSULATION RESISTANCE (NORMAL TEMPERATURE AND HUMIDITY): 100 Mohm
- 5.DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE )

MOTOR CONNECTION(EHR-6)			
PIN NO	BIPOLAR	LEADS	WINDING
1	A+	BLK	
2	A-	GRN	
3	B+	RED	
4	B-	BLU	

FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)					DIMENSIONS ARE IN MILLIMETERS.		
STEP	A+	B+	A-	B-	CCW ↓ ↑ CW	TOLERANCES AS BELOW:	
						DECIMALS	ANGLES
1	+	+	-	-		X ±0.5	±2°
2	-	+	+	-		X.X ±0.25	
3	-	-	+	+		X.XX ±0.13	
4	+	-	-	+			

**STEPPERONLINE®**

**STEPPER MOTOR**

**23HS22-2904S-MG10**

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SIGNATURE		DATE
DRN	LJ	4.24.2025
APVD	MYX	4.24.2025