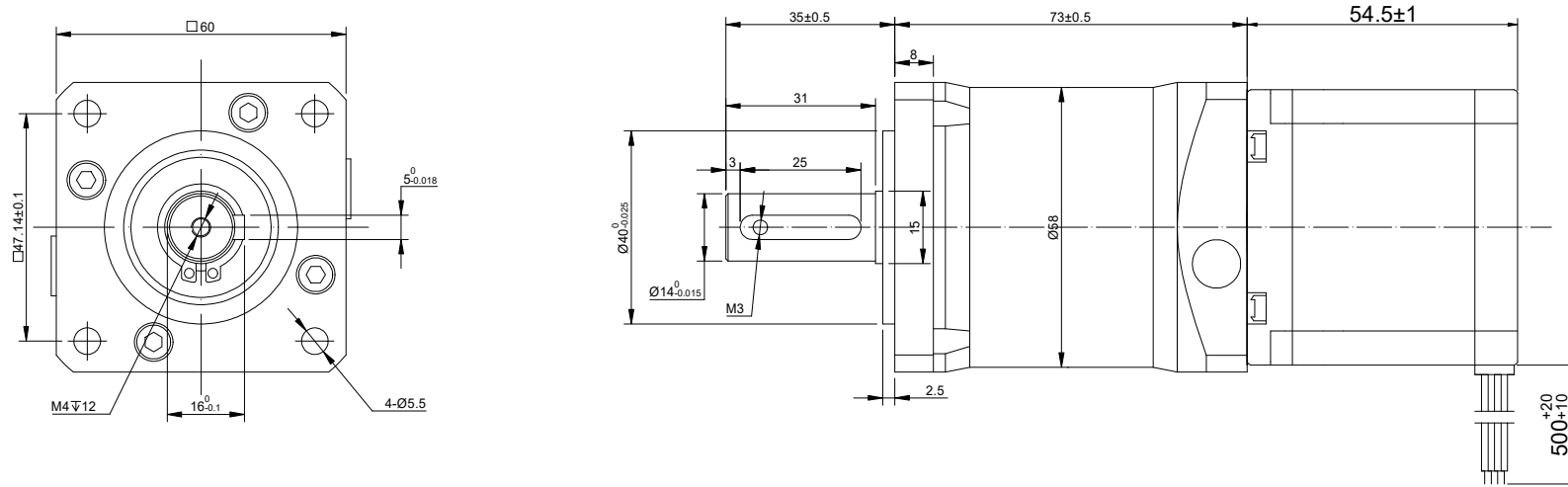


REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LDJ	12.1.2025

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



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		50
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]		25.00[221.27]
MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]		50.00[442.54]
EFFICIENCY		94%
BACKLASH@NO-LOAD(arcmin)		<=15
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: 230N MAX
- 2.DYNAMIC RADIAL LOAD : 400N 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)					CCW	↑	DIMENSIONS ARE IN MILLIMETERS. TOLERANCES AS BELOW: DECIMALS ANGLES X ±0.5 ±2° X.X ±0.25 X.XX ±0.13
STEP	A+	B+	A-	B-			
1	+	+	-	-			
2	-	+	+	-			
3	-	-	+	+			
4	+	-	-	+			

THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION CONTAINED HEREIN BE USED BY OR DISCLOSED TO OTHERS UNLESS EXPRESSLY AUTHORIZED IN BY WRITING STEPPERONLINE.

SIGNATURE		DATE
DRN	LDJ	12.1.2025
APVD	YSX	12.1.2025

**STEPPERONLINE®**

**GEARED STEPPER MOTOR**

**23HS22-2904S-EGS50**