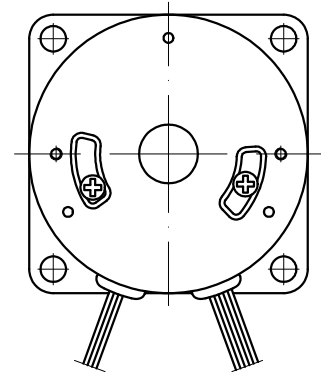
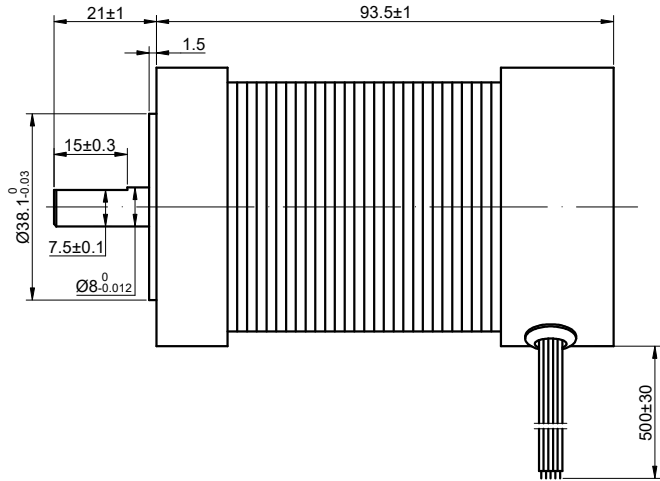
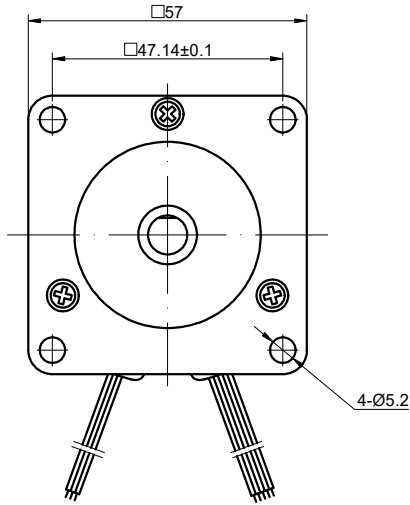


MODEL NO.	57BYB94-36-01	DWG NO.	A3157
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CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: GRAY

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	ZPJ	5.8.2024

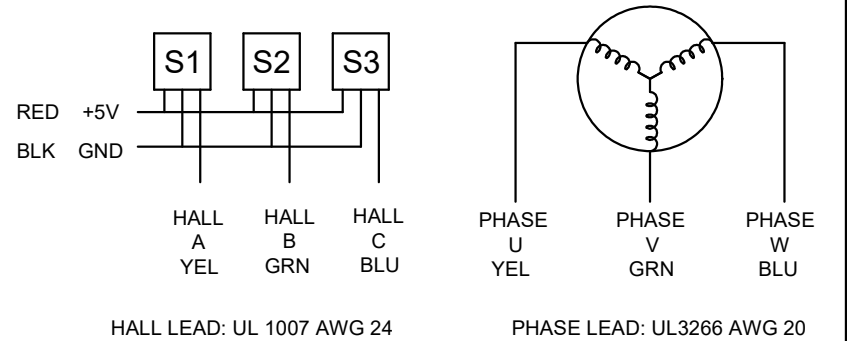


SPECIFICATION	VALUE
NO. of PHASES	3
NO. of POLES	4
RESISTANCE/PHASE(Ohms)@25°C	0.95±10%
INDUCTANCE/PHASE(mH)@1KHz	2.40±20%
RATED VOLTAGE(V)	36
RATED TORQUE(N.m)[lb-in]	0.41[3.63]
RATED POWER(W)	129
RATED SPEED(RPM)	3000±10%
RATED CURRENT(A)	4.90
NO LOAD SPEED(RPM)	4100±10%
WEIGHT(kg)	—
BACK EMF(V/krpm)	6.30±5%
SENSOR	HALL
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

COMMENT:
1.INSULATION RESISTANCE
(NORMAL TEMPERATURE AND HUMIDITY): 50 Mohm
2.DIELECTRIC STRENGTH: AC600V CUT OFF CURRENT 2mA FOR 1S

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.

DIMENSIONS ARE IN MILLIMETERS.	
TOLERANCES AS BELOW:	
DECIMALS	ANGLES
X ±0.5	±2°
X.X ±0.25	
X.XX ±0.13	
THIRD ANGLE PROJECTION	



STEPPERONLINE®

BRUSHLESS DC MOTOR

57BYB94-36-01

AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]	SIGNATURE		DATE	57BYB94-36-01				
INSULATION CLASS	B 130°C[266°F]	DRN	ZPJ	5.8.2024					
TEMPERATURE RISE	MAX.80°C	APVD	HW	5.8.2024					
REV.	0	SCALE	1:1	DWG NO.	A3157				