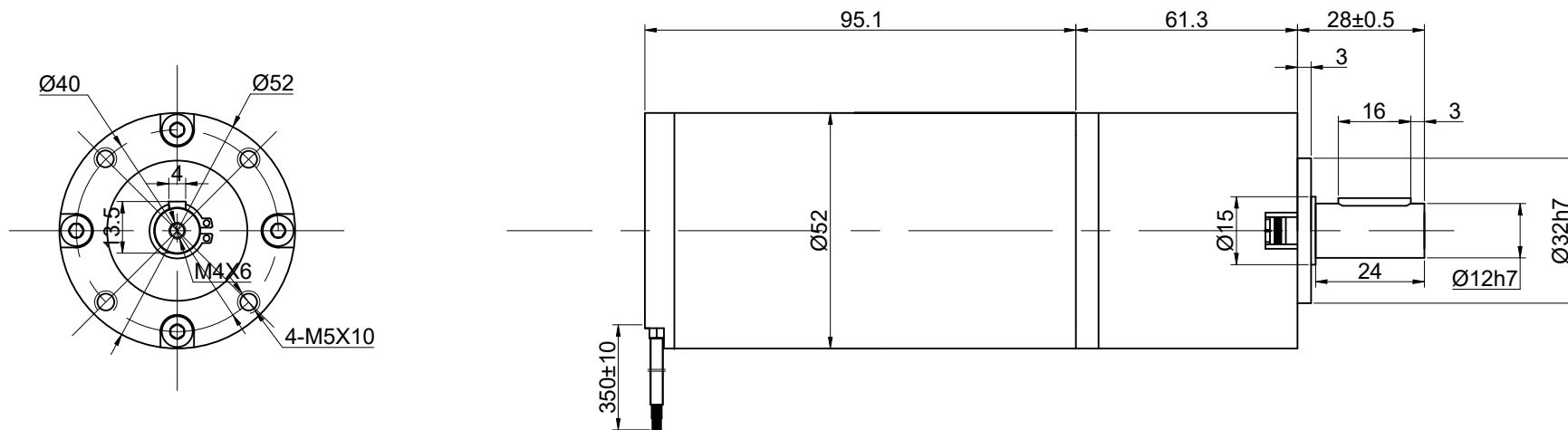


CUSTOMER'S MODEL: NO MODEL
 END COVER COLOR: GRAY

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	YSX	3.25.2025

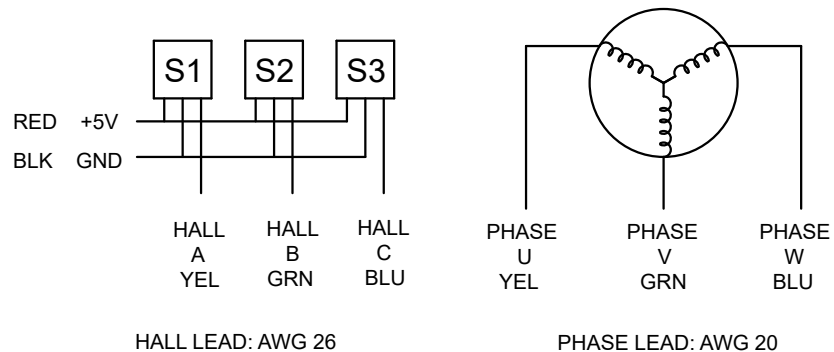


SPECIFICATION	VALUE
GEAR RATIO	99.5
NO. of PHASES	3
NO. of POLES	4
RATED VOLTAGE(V)	24
RATED TORQUE(N.m)[lb-in]	13.8[122.4]
RATED POWER(W)	60
RATED SPEED(RPM)	30.1
RATED CURRENT(A)	3.33
NO LOAD SPEED W/O GEARBOX(RPM)	3600±10%
WEIGHT(kg)	1.51kg
SENSOR	HALL
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION 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

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

THIRD ANGLE PROJECTION



HALL LEAD: AWG 26

PHASE LEAD: AWG 20

STEPPERONLINE®

BRUSHLESS DC MOTOR

M52B60-24P-30S/G52-99.5S1

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SIGNATURE		DATE
DRN	YSX	12.10.2025
APVD	LJ	12.10.2025

REV.	0	SCALE	1:1	DWG NO.	A4324
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