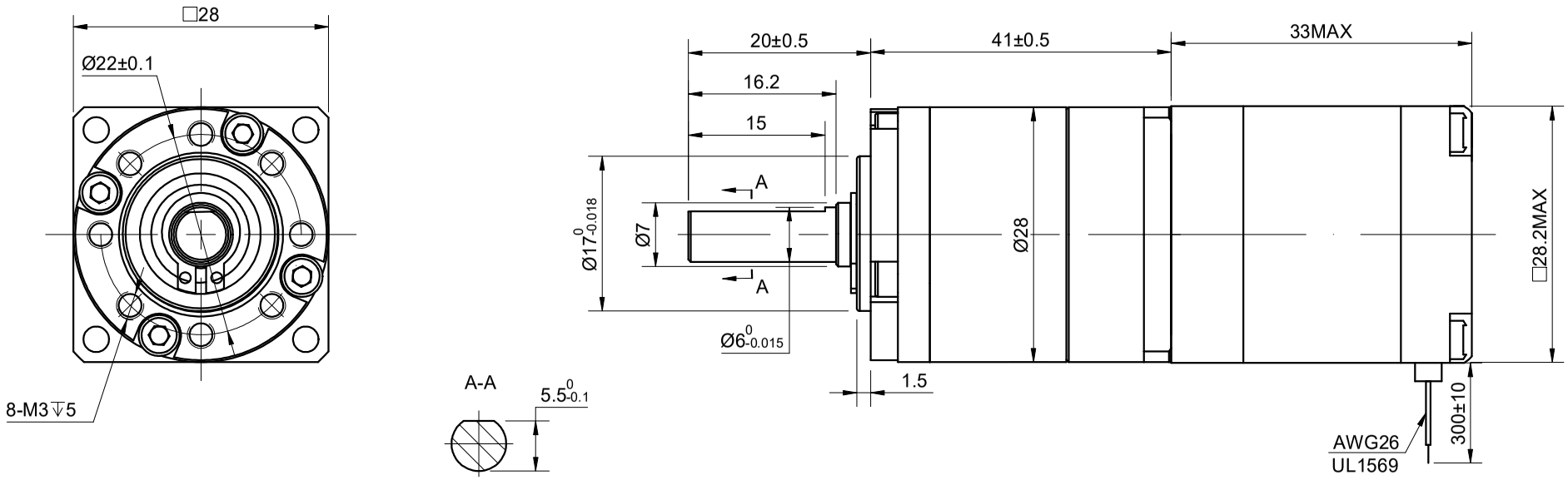
MODEL NO.	11HS12-0704S-EGS50	DWG NO.	A4273

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

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LJ	3.14.2025



SPECIFICATION \ CONNECTION	BIPOLAR
AMPS/PHASE	0.70
RESISTANCE/PHASE(Ohms)@25°C	5.30±10%
INDUCTANCE/PHASE(mH)@1KHz	3.70±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]	0.07[0.62]
STEP ANGLE w/o GEARBOX(°)	1.80
GEAR RATIO	50
GEAR EFFICIENCY	94%
BACKLASH@NO-LOAD(arcmin)	<=20
MAX.PERMISSIBLE TORQUE(Nm)	3.00
MOMENT PERMISSIBLE TORQUE(Nm)	6.00
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

COMMENT:
1.TMBF 6000h OR MORE @ 24V/300RPM
2.INSULATION RESISTANCE
(NORMAL TEMPERATURE AND HUMIDITY): 100 Mohm
3.DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)

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

FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

↓ CW ↑ CCW

DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES AS BELOW:

DECIMALS		ANGLES
X	±0.5	±2°
X.X	±0.25	
X.XX	±0.13	

THIRD ANGLE PROJECTION

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	LJ	3.14.2025
APVD	MYX	3.14.2025

STEPPERONLINE®

STEPPER MOTOR

11HS12-0704S-EGS50

REV.	0	SCALE	1:1	DWG NO.	A4273