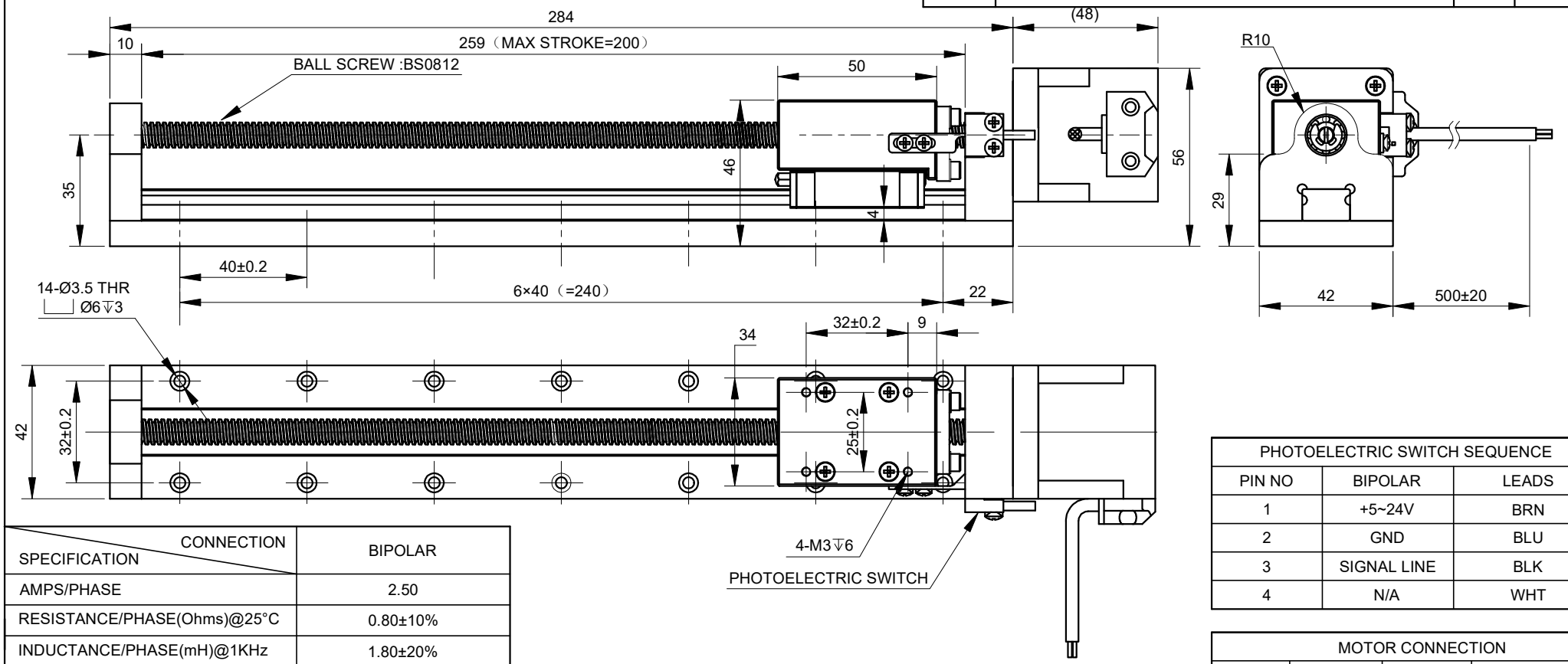
MODEL NO.	LMD17S19B2B25-200	DWG NO.	A6015

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

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LJ	4.13.2026



PHOTOELECTRIC SWITCH SEQUENCE		
PIN NO	BIPOLAR	LEADS
1	+5~24V	BRN
2	GND	BLU
3	SIGNAL LINE	BLK
4	N/A	WHT

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

SPECIFICATION \ CONNECTION	BIPOLAR
AMPS/PHASE	2.50
RESISTANCE/PHASE(Ohms)@25°C	0.80±10%
INDUCTANCE/PHASE(mH)@1KHz	1.80±20%
HOLDING TORQUE(Nm)[lb-in]	0.50[4.43]
MAXIMUM THRUST(N)	127.5
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
LEAD(mm)[in]	12[0.4724]
LINEAR TRAVEL/STEP(mm)[in]	0.06[0.0023622]
RATED LOAD CAPACITY(N)	107.5
MAX SPEED(mm/s)	360
POSITION ACCURACY(mm)	±0.02
AMBIENT TEMPERATURE	-20°C~50°C[-4°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)

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

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	SIGNATURE	DATE
DRN	LJ	4.13.2026
APVD	MYX	4.13.2026

STEPPERONLINE®

LINEAR ACTUATORS

LMD17S19B2B25-200

REV.	0	SCALE	1:1	DWG NO.	A6015