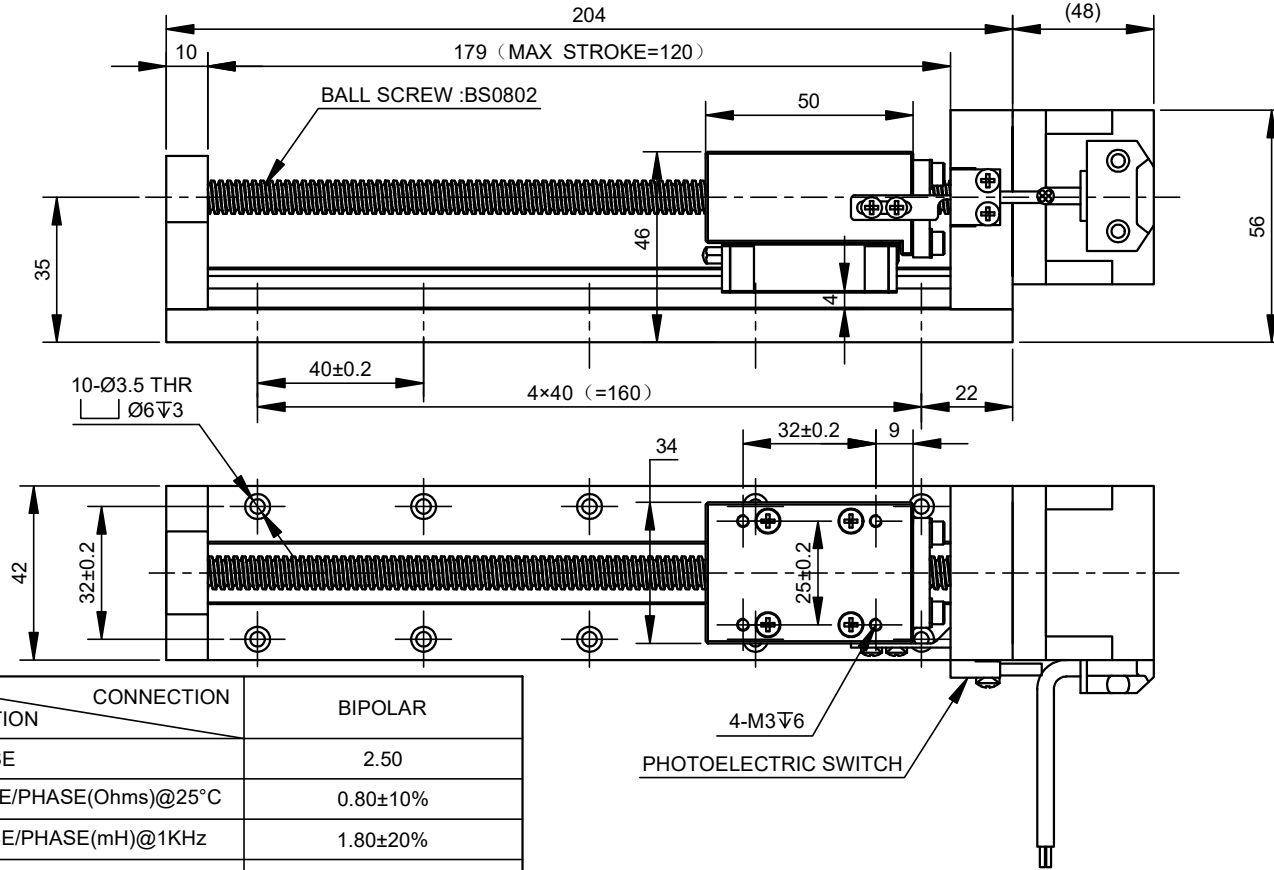


REV.	REVISION RECORD	BY	DATE
0	ORIGIN	ZPJ	4.15.2026

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



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]		0.5[4.43]
MAXIMUM THRUST(N)		525
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
LEAD(mm)[in]		2
LINEAR TRAVEL/STEP(mm)[in]		0.01
RATED LOAD CAPACITY(N)		505
MAX SPEED(mm/s)		70
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)

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	
2	A-	RED/WHT	
3	B+	GRN	
4	B-	GRN/WHT	

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	ZPJ	4.15.2026
APVD	MYX	4.15.2026

STEPPERONLINE®

LINEAR ACTUATORS

LMD17S19BAB25-120