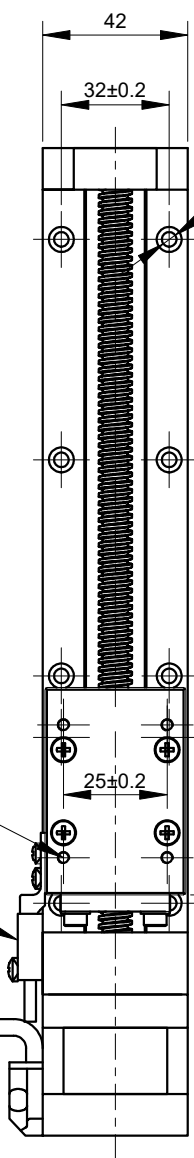
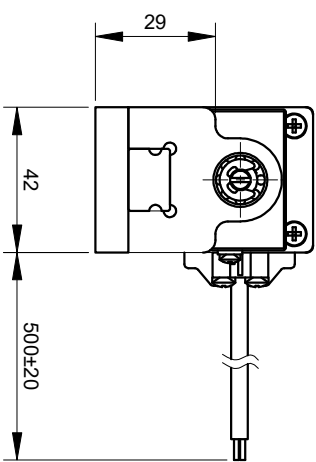
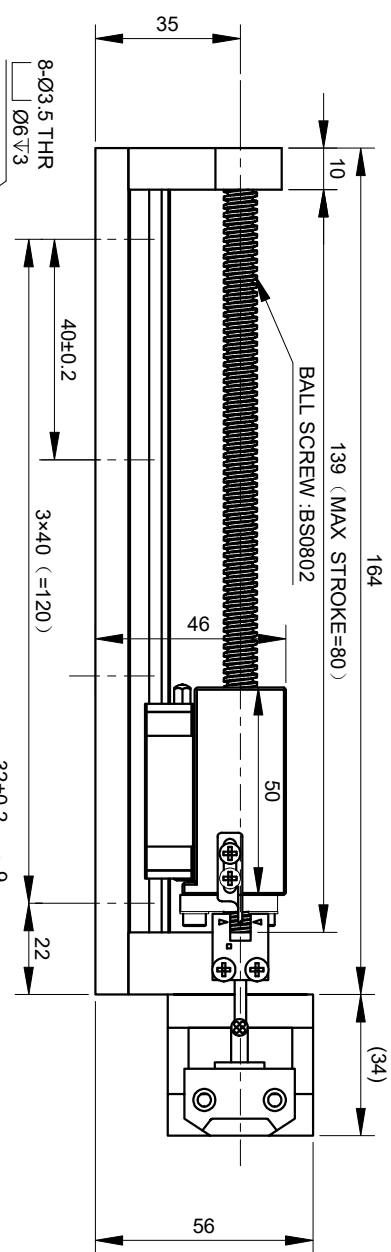


£109V	ON GMD	080-51BY8S1SLQW1	ON TEGOM
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CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: BLACK

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LJ	3.19.2026



CONNECTION	BIPOLAR
AMPS/PHASE	1.50
RESISTANCE/PHASE(Ohms)@25°C	1.80±10%
INDUCTANCE/PHASE(mH)@1KHz	2.60±20%
HOLDING TORQUE(Nm)[lb-in]	0.25[2.21]
MAXIMUM THRUST(N)	375
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
LEAD(mm)[in]	210.07[87]
LINEAR TRAVEL/STEP(mm)[in]	0.01[0.0003937]
RATED LOAD CAPACITY(N)	355
MAX SPEED(mm/s)	60
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)						DIMENSIONS ARE IN MILLIMETERS. TOLERANCES AS BELOW:		
STEP	A+	B+	A-	B-		CCW	THIRD ANGLE PROJECTION	
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	LJ	3.19.2026	
APVD	MYX	3.19.2026	

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

STEPPERONLINE®

LINEAR ACTUATORS

LMD17S13BAB15-080

REV.	0	SCALE	1:1	DWG NO.	A6013
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