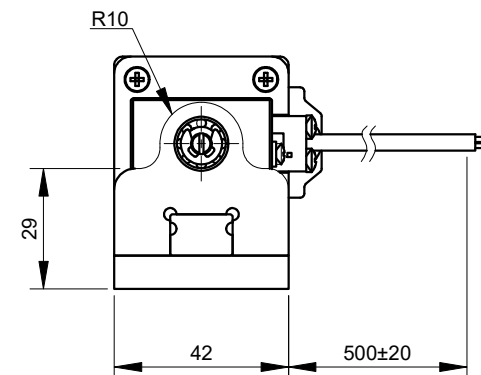
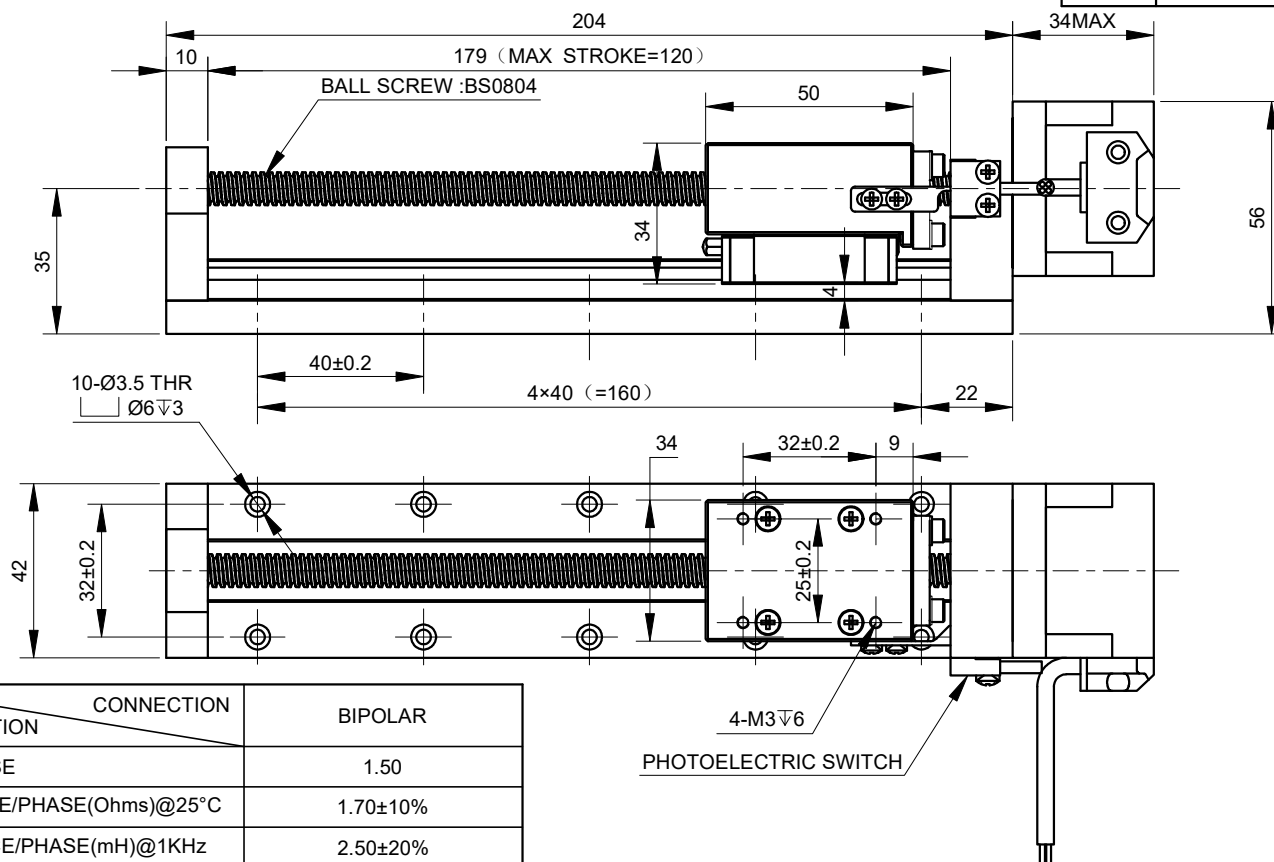


6969	DWG NO.	LMD17S13BDB15-120	MODEL NO.
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CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: BLACK

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LDJ	1.9.2023



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	

CONNECTION	BIPOLAR
SPECIFICATION	
AMPS/PHASE	1.50
RESISTANCE/PHASE(Ohms)@25°C	1.70±10%
INDUCTANCE/PHASE(mH)@1KHz	2.50±20%
HOLDING TORQUE(Nm)[lb-in]	0.25[2.22]
MAXIMUM THRUST(N)	240
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
LEAD(mm)[in]	4.00[0.15748]
LINEAR TRAVEL/STEP(mm)[in]	0.02[0.00078]
RATED LOAD CAPACITY(N)	220
MAX SPEED(mm/s)	120
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)					CCW	CW	THIRD ANGLE PROJECTION
STEP	A+	B+	A-	B-			
1	+	+	-	-			
2	-	+	+	-			
3	-	-	+	+			
4	+	-	-	+			

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

STEPPERONLINE®

LINEAR ACTUATORS

LMD17S13BDB15-120

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NOR SHALL THE INFORMATION CONTAINED
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OTHERS UNLESS EXPRESSLY AUTHORIZED IN
BY WRITING STEPPERONLINE.

SIGNATURE		DATE
DRN	LJ	4.20.2026
APVD	ZPJ	4.20.2026

REV.	0	SCALE	1:1	DWG NO.	A2669
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