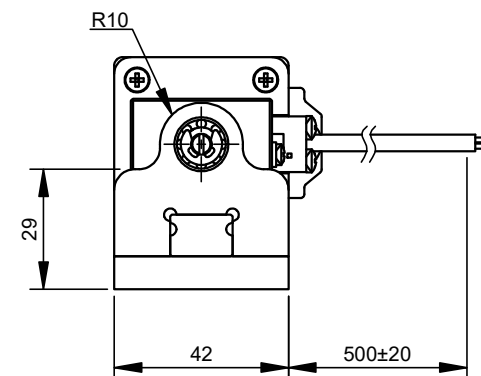
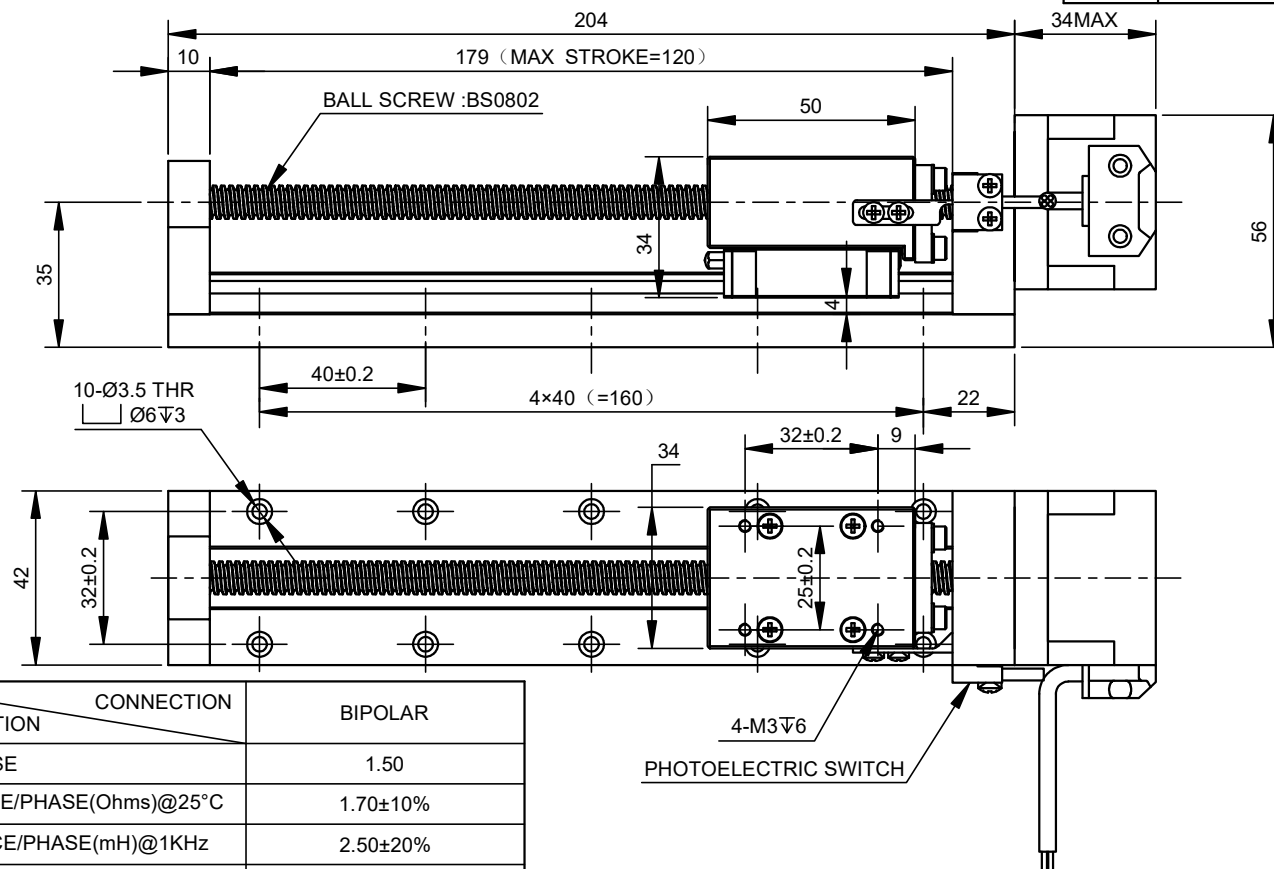


CUSTOMER'S MODEL: NO MODEL  
END COVER COLOR: BLACK

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	

SPECIFICATION	CONNECTION	BIPOLAR
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)		300
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
LEAD(mm)[in]		2.00[0.07874]
LINEAR TRAVEL/STEP(mm)[in]		0.01[0.00039]
RATED LOAD CAPACITY(N)		230
MAX SPEED(mm/s)		30
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

LMD17S13BAB15-120

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	LDJ	1.9.2023
APVD	YSX	1.9.2023

REV.	0	SCALE	1:1	DWG NO.	A2668
------	---	-------	-----	---------	-------