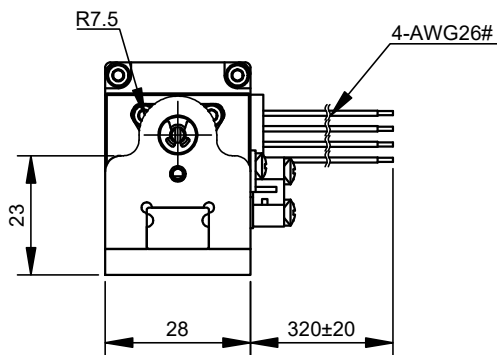


REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LDJ	1.9.2023

[illegible]

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	1.00
RESISTANCE/PHASE(Ohms)@25°C	2.10±10%
INDUCTANCE/PHASE(mH)@1KHz	1.50±20%
HOLDING TORQUE(Nm)[lb-in]	0.05[0.44]
MAXIMUM THRUST(N)	36
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
LEAD(mm)[in]	5.08[0.20]
LINEAR TRAVEL/STEP(mm)[in]	0.0254[0.001]
RATED LOAD CAPACITY(N)	120
MAX SPEED(mm/s)	76.2
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.	
STEP	A+	B+	A-	B-	CCW ↓ ↑ CW	TOLERANCES AS BELOW:
						DECIMALS ANGLES
1	+	+	-	-		X ±0.5 ±2°
2	-	+	+	-		X.X ±0.25
3	-	-	+	+		X.XX ±0.13
4	+	-	-	+		THIRD ANGLE PROJECTION

THIS DOCUMENT SHALL NOT BE REPRODUCED
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HEREIN BE USED BY OR DISCLOSED TO
OTHERS UNLESS EXPRESSLY AUTHORIZED IN
BY WRITING STEPPERONLINE.

SIGNATURE		DATE
DRN	LDJ	1.9.2023
APVD	ZPJ	1.9.2023

STEPPERONLINE®

LINEAR ACTUATORS

LMD11S12HD10-100

REV.	0	SCALE	1:1	DWG NO.	A2657
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