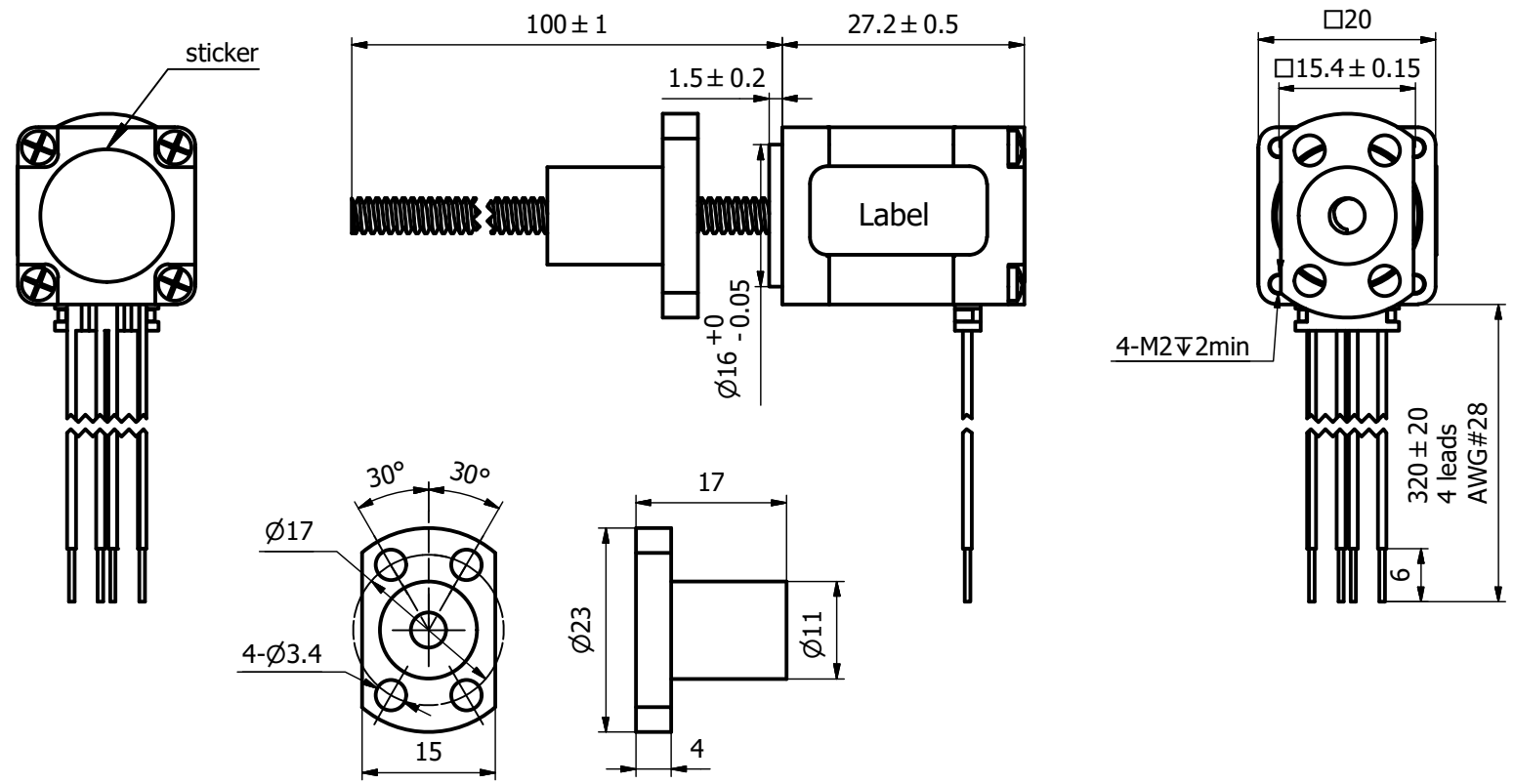


CE 8E2105BS14-100RNN
 DINGS' MOTION
 RoHS Work order
 DATE REV00

REVISION			
REV.	DATE	DESCRIPTION	DRAWN BY



Motor's phase	2
Step angle	1.8°
Rated current/phase	0.5 A
Resistance/phase	5.1Ω±10%
Inductance/phase	1.5 mH±20%
Linear travel per step	0.005mm/step
Ball screw diameter	Φ4.0mm
Ball screw lead	1.0mm
Grade	C7(KSS)
Insulation class	B
Insulation resistance	100MΩ(500VDC)
Heat rise	80°C
Motor weight	0.08 kg

Notes,
 1. To maximize output force and life of linear actuators,
 radial load on lead screws should be avoided or be kept at a minimum.

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CUSTOMER			
WIRING CHART	EXCITING SEQUENCE		
	CW	→	
	Red A+	+	-
	Red/wht A-	-	+
	Green B+	+	-
	Grn/wht B-	-	+
CCW	←		

DRAWN	Galen	DATE	2022/12/28
	APPRVD	DATE	
MODEL	8E2105BS14-100RNN		
	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS BELOW PER ISO2768-ck.		
	LINEAR	ANGULAR	
	0~3	±0.2	0~10 ±1.5°
3~6	±0.5	10~50 ±1°	
6~30	±0.8	50~120 ±30'	
30~120	±1.5	120~400 ±15'	

DINGS'

SIZE	A3	SHEET	1 OF 1
SCALE	1: 1	REV	00