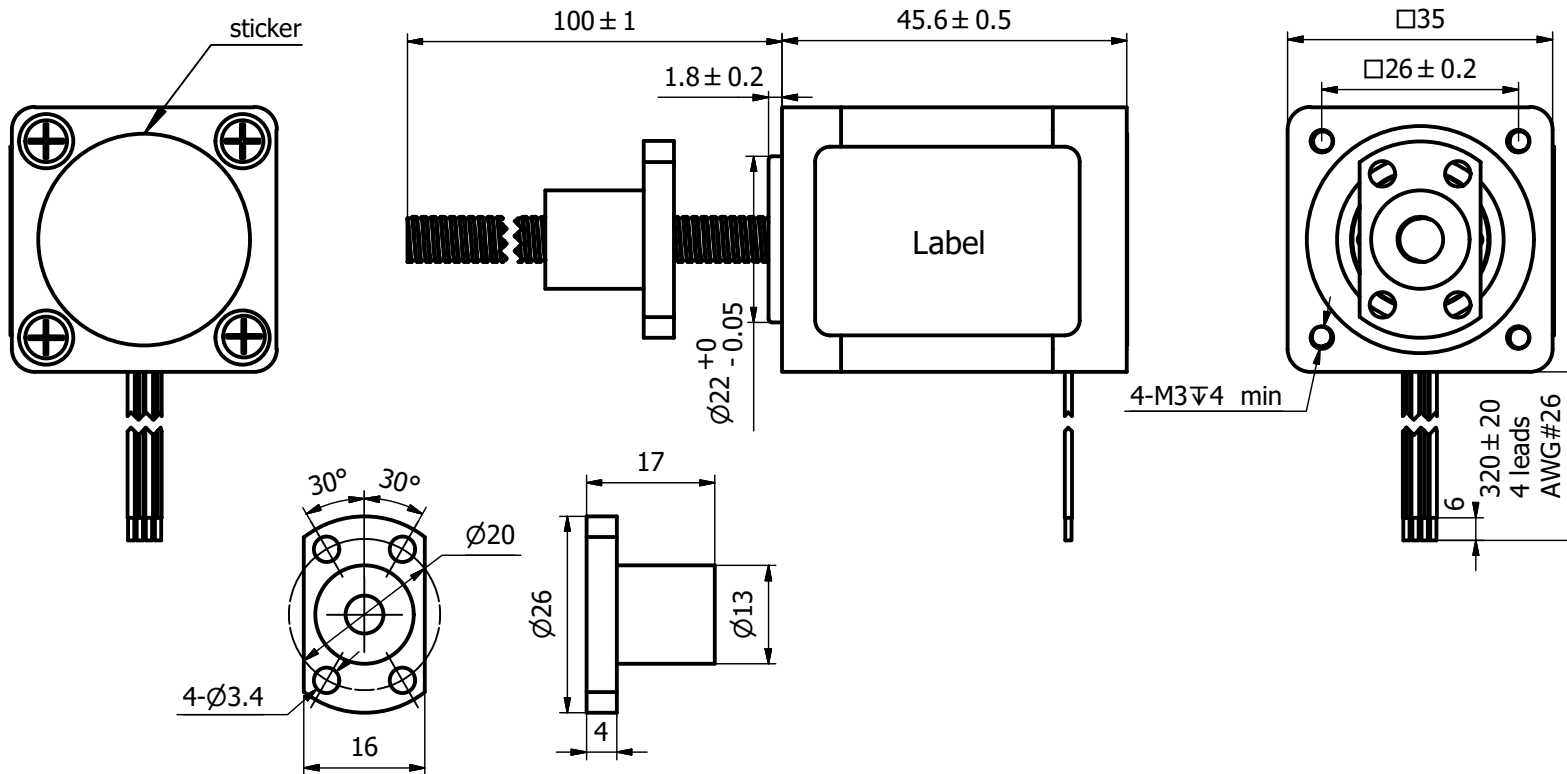


CE 14E2215BS14-100  
 DINGS' MOTION  
 RoHS Work order  
 DATE REV00

REVISION			
REV.	DATE	DESCRIPTION	DRAWN BY



Motor's phase	2
Step angle	1.8°
Rated current/phase	1.5 A
Resistance/phase	2.7 $\Omega$ $\pm$ 10%
Inductance/phase	3.2mH $\pm$ 20%
Linear travel per step	0.005mm/step
Ball screw diameter	$\Phi$ 6.0mm
Ball screw lead	1.0mm
Grade	C7(KSS)
Insulation class	B
Insulation resistance	100M $\Omega$ (500VDC)
Heat rise	80°C
Motor weight	0.21 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.

CUSTOMER		NOTICE TO PERSONS RECEIVING THIS DRAWING									
WIRING CHART 		EXCITING SEQUENCE		THIS DRAWING IS ONLY CONDITIONALLY ISSUED, AND FOR THE SOLE PURPOSE OF INFORMING LICENSEES AND ASSOCIATE CONTRACTORS OF DINGS' MOTION, AND VENDORS THERETO AND CUSTOMERS THEREOF, RECEIPT OR POCESSION THEREOF DOES NOT CONFER TO TRANSFER ANY RIGHT IN THE SUBJECT MATTER OF THE DRAWING. THE DESIGN, CONSTRUCTION, TECHNICAL INFORMATION AND ALL OTHER SUBJECT MATTER SHOWN IN THIS DRAWING ARE AND REMAIN, EXCEPT AS MAY BE OTHERWISE INDICATED BY WRITTEN NOTICE HEREON, THE EXCLUSIVE PROPERTY OF SAID CORPORATION. THIS DRAWING MAY BE REPRODUCED ONLY BY LICENSEES AND ASSOCIATE CONTRACTORS OF SAID CORPORATION AND ONLY FOR LICENSED MANUFACTURE, AND BY VENDORS MANUFACTURING FOR SAID CORPORATION AND ONLY FOR LICENSEES AND ASSOCIATECONTRACTORS.				DRAWN	Galen	DATE	2022/12/28
		CW	→	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS BELOW PER ISO2768-ck.		APPRVD		DATE			
		Red A+	+	-	LINEAR		ANGULAR		MODEL 14E2215BS14-100	DINGS'	
		Red/wht A-	-	+	0~3	$\pm$ 0.2	0~10	$\pm$ 1.5°			
		Green B+		+	3~6	$\pm$ 0.5	10~50	$\pm$ 1°			
		Grn/wht B-		-	6~30	$\pm$ 0.8	50~120	$\pm$ 30'			
		CCW	←	+	30~120	$\pm$ 1.5	120~400	$\pm$ 15'			
					SCALE 1: 1		REV 00				