

8E2205BS24

DINGS' MOTION
work order
DATE REV00

REVISION

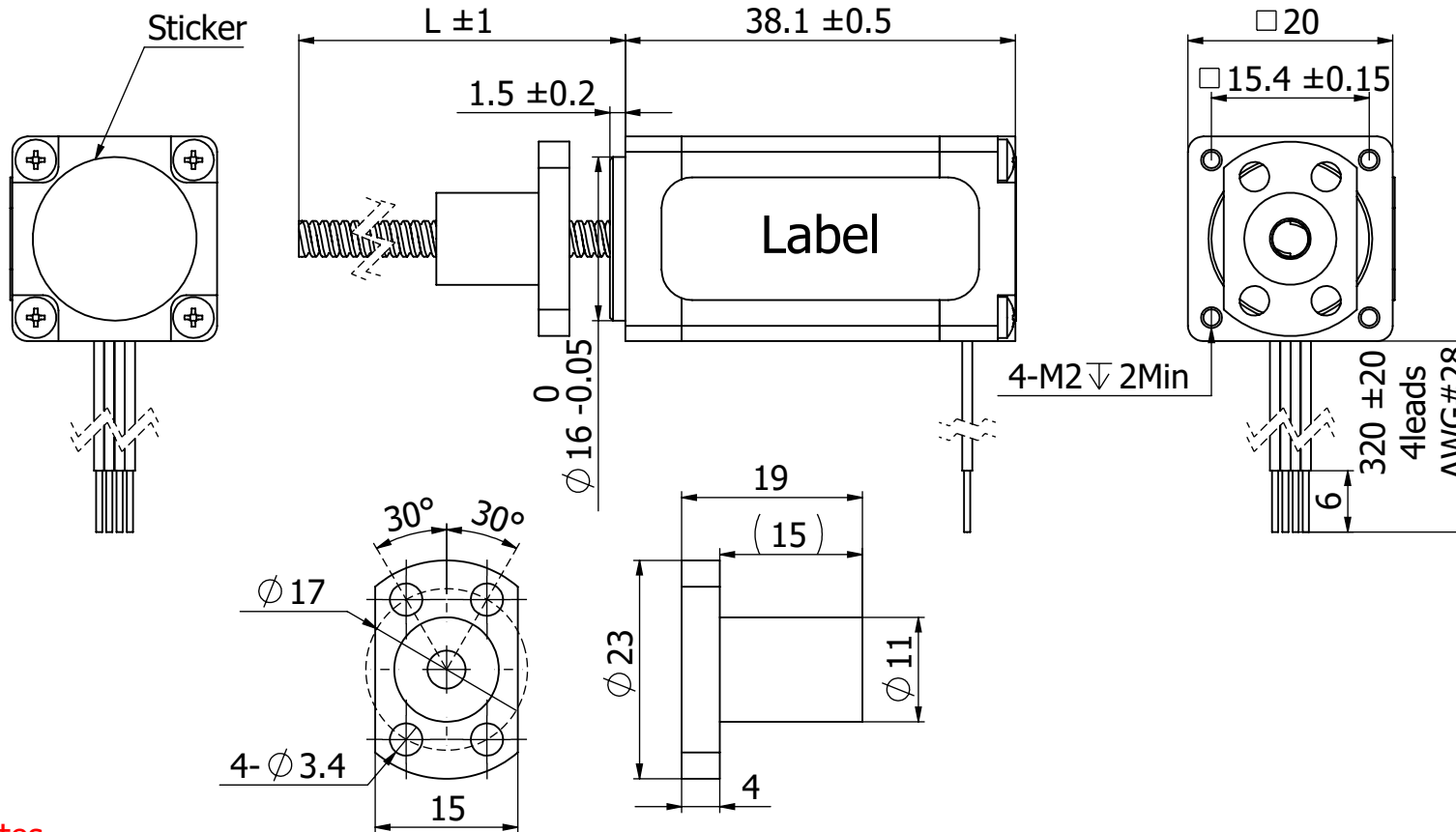
REV.

DATE

DESCRIPTION

DRAWN BY

Sticker

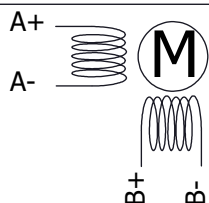


Notes,
1.To maximize output force and life of linear actuators,
radial load on lead screws should be avoided or be kept at a minimum.

Motor's phase	2
Step angle($\pm 5\%$)	1.8°
Rated current/phase	0.5 A(RMS)
Resistance/phase(20°C)	8.8 $\Omega \pm 10\%$
Inductance/phase(1V,1kHz)	2.7 mH $\pm 20\%$
Linear travel per step	0.01mm
Lead screw diameter	$\phi 4$ mm
Lead screw lead	2mm
Grade	C7 (DY)
Insulation class	B
Insulation resistance	100M Ω (500VDC)
Heat rise	80°C
Motor weight	0.07 Kg

CUSTOMER

WIRING CHART



EXCITATION SEQUENCE

CW	→			
Red A+	+		-	
Red/wht A-	-		+	
Grn B+		+		
Grn/wht B-		-		
CCW	←			

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UNLESS OTHERWISE SPECIFIED ALL
DIMENSIONS ARE IN MILLIMETERS AND
TOLERANCES ARE AS BELOW PER ISO2768-ck.

LINEAR		ANGULAR	
0 ~ 3	± 0.2	0 ~ 10	$\pm 15'$
3 ~ 6	± 0.5	10 ~ 50	$\pm 30'$
6 ~ 30	± 0.8	50 ~ 120	$\pm 1^\circ$
30 ~ 120	± 1.5	120 ~ 400	$\pm 1.5^\circ$

DRAWN

DATE

APPRVD

DATE

MODEL

8E2205BS24

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