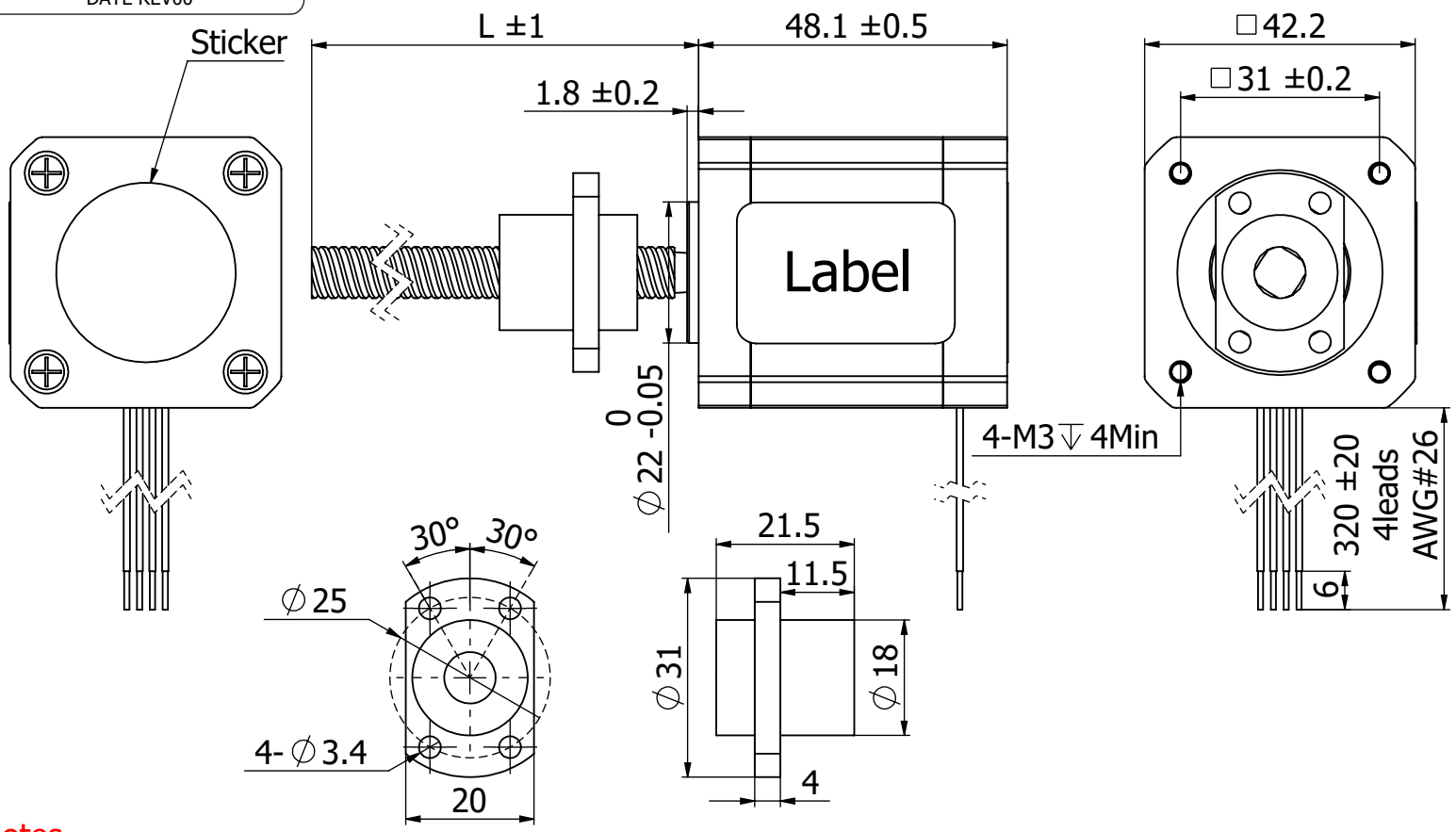
17E2212BS84
DINGS' MOTION
work order
DATE REV00

REVISION			
REV.	DATE	DESCRIPTION	DRAWN BY

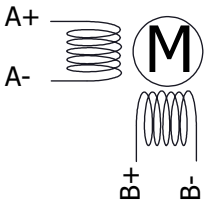


Motor's phase	2
Step angle(±5%)	1.8°
Rated current/phase	1.2 A(RMS)
Resistance/phase(20°C)	3.8 Ω±10%
Inductance/phase(1V,1kHz)	8 mH±20%
Linear travel per step	0.04mm
Lead screw diameter	∅8mm
Lead screw lead	8mm
Grade	C7 (DY)
Insulation class	B
Insulation resistance	100MΩ(500VDC)
Heat rise	80°C
Motor weight	0.39 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

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	±15′
3 ~ 6	±0.5	10 ~ 50	±30′
6 ~ 30	±0.8	50 ~ 120	±1°
30 ~ 120	±1.5	120 ~ 400	±1.5°

DRAWN		DATE	
APPRVD		DATE	
MODEL	17E2212BS84		

DINGS

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