

17E2212BS54

DINGS' MOTION
work order
DATE REV00

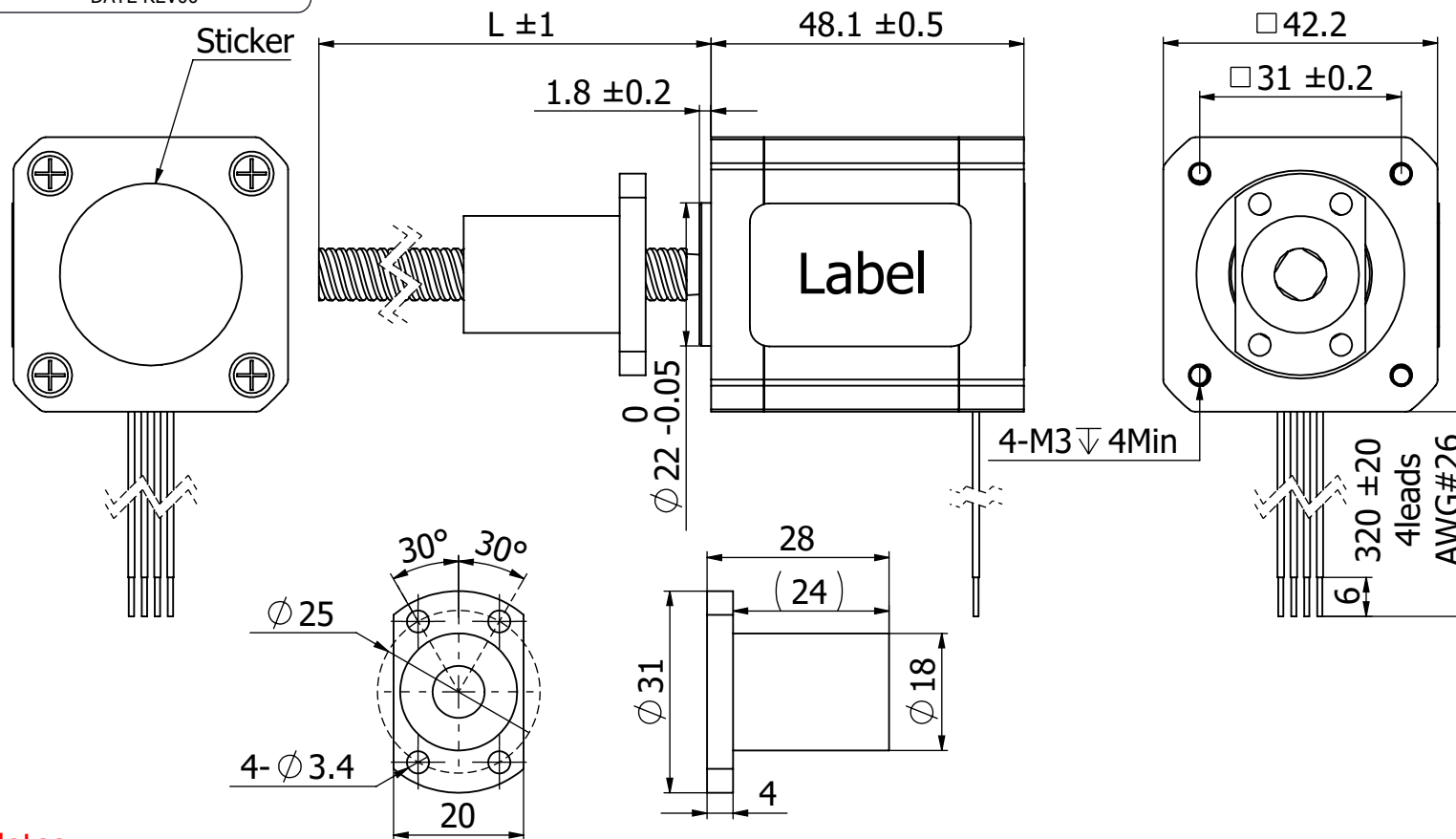
REVISION

REV.

DATE

DESCRIPTION

DRAWN BY



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(±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	0.025mm
Lead screw diameter	Ø 8mm
Lead screw lead	5mm
Grade	C7 (DY)
Insulation class	B
Insulation resistance	100MΩ(500VDC)
Heat rise	80°C
Motor weight	0.39 Kg

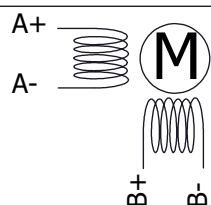
CUSTOMER

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WIRING CHART

EXCITATION SEQUENCE



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

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

17E2212BS54

DINGS'

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

