

17E2110BS54

DINGS' MOTION
work order
DATE REV00

REVISION

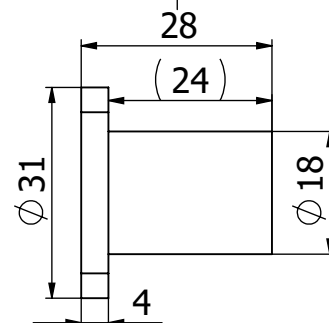
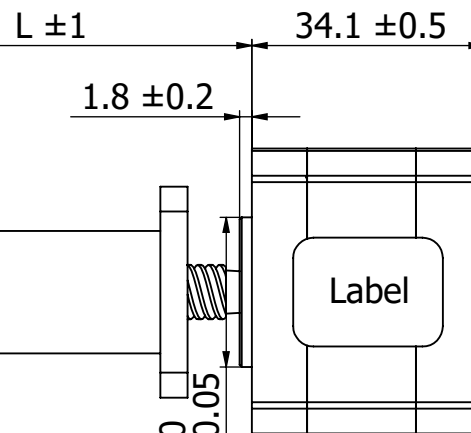
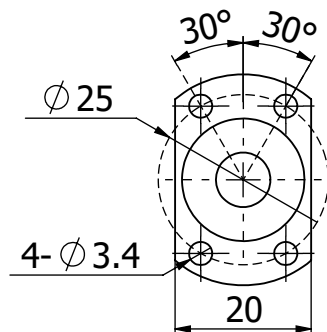
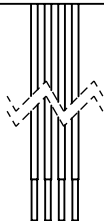
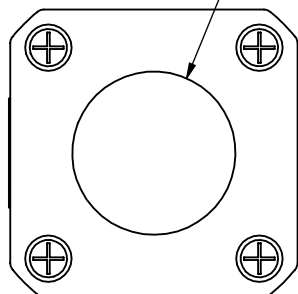
REV.

DATE

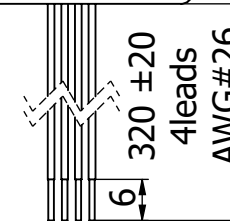
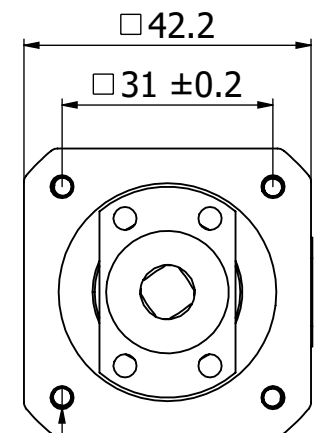
DESCRIPTION

DRAWN BY

Sticker



4-M3 4Min



Motor's phase	2
Step angle(±5%)	1.8°
Rated current/phase	1.0 A(RMS)
Resistance/phase(20°C)	3.8 Ω±10%
Inductance/phase(1V,1kHz)	5 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	0.25 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.

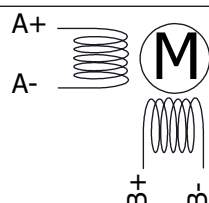
CUSTOMER

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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

17E2110BS54

DINGS

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

