

14E2110BS84

DINGS' MOTION
work order
DATE REV00

REVISION

REV.

DATE

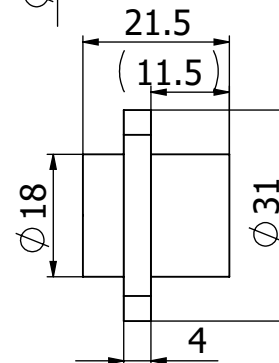
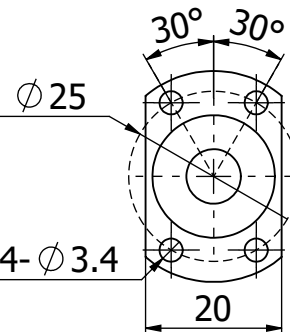
DESCRIPTION

DRAWN BY

Sticker

 $L \pm 1$ 33.6 ± 0.5 1.8 ± 0.2

Label

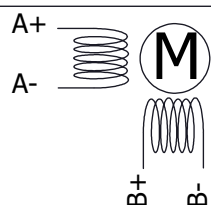
 $\square 35$ $\square 26 \pm 0.2$ 4-M3 $\downarrow$ 4Min $\phi 22 -0.05$ 320 ± 20
4leads
AWG#26

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	1.0 A(RMS)
Resistance/phase(20°C)	3.5 $\Omega \pm 10\%$
Inductance/phase(1V,1kHz)	3.6 mH $\pm 20\%$
Linear travel per step	0.04mm
Lead screw diameter	$\phi 8$ mm
Lead screw lead	8mm
Grade	C7 (DY)
Insulation class	B
Insulation resistance	100M Ω (500VDC)
Heat rise	80°C
Motor weight	0.19 Kg

CUSTOMER

WIRING CHART



EXCITATION SEQUENCE

CW	$\longrightarrow$
Red A+	+
Red/wht A-	-
Grn B+	+
Grn/wht B-	-
CCW	$\longleftarrow$

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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

14E2110BS84

DINGS

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