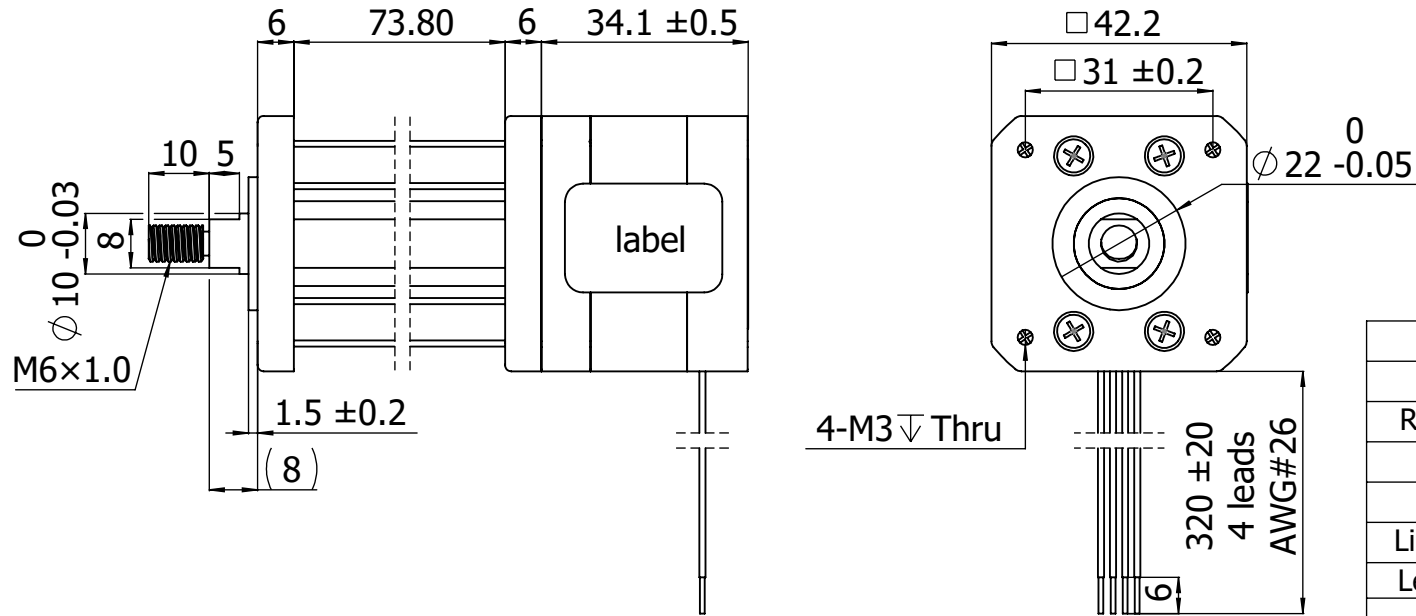


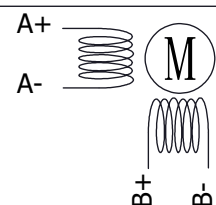


Motor's phase	2
Step angle	1.8°
Rated current/phase	1.0A (RMS)
Resistance/phase	3.8Ω±10%
Inductance/phase	5.0mH±20%
Linear travel per step	0.003mm/step
Lead screw diameter	Φ6.35mm
Lead screw lead	0.6096mm
Nut material	POM
Insulation class	B
Insulation resistance	100MΩ(500VDC)
Heat rise	80°C
Motor weight	0.26 kg
Stroke	50.8mm
Thrust	30KG at 1000pps

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



EXCITING SEQUENCE

CW	→
RED A+	+
Red/wht A-	-
Green 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	Bruce	DATE	2023/12/15	DINGS' MOTION USA™			
APPRVD		DATE		Precision Motion Specialists			
P/N	17C2110AA4-200SMN-MAR-001	SIZE	A3	SHEET	1/1		
		SCALE	1 : 1	REV.	00		