

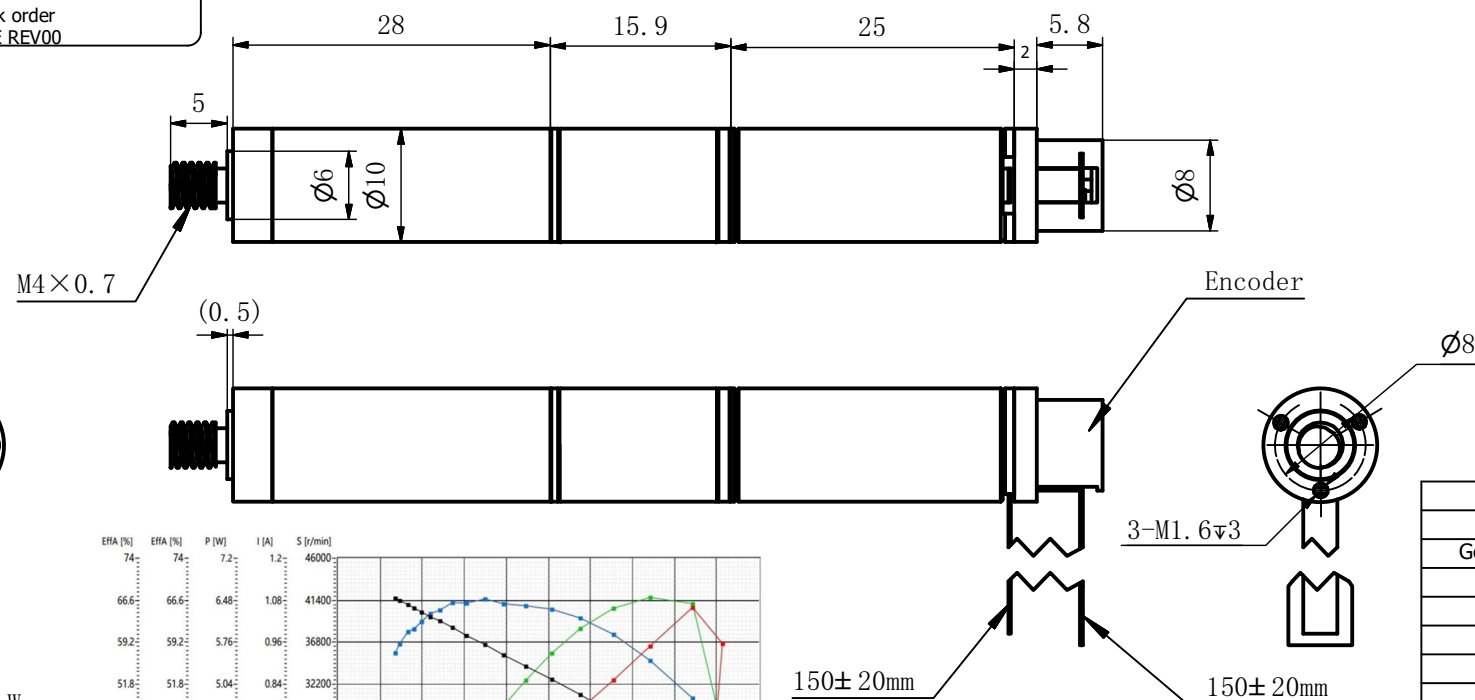
10ZWWC25L-G18CAB-X-15SNSN-EK-110

DINGS' MOTION
Work order
DATE REV00

REVISION

REV.	DATE	DESCRIPTION	DRAWN BY
------	------	-------------	----------

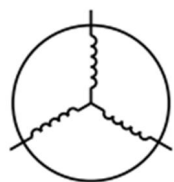
Encoder description	
PIN#	Description
1	U
2	V
3	W
4	GND
5	Vcc
6	A
7	B
8	I
9	-
10	-
11	-
12	-



Pole pairs	1
Reduction ratio	18
Gearbox efficiency	80%
Rated voltage	12V
Rated current	0.8A
Rated speed	31000RPM
Rated torque	1.5mN·m
Rated power	4.9W
Lead screw diameter	Φ3.5 mm
Lead screw lead	1 mm
Dielectrical strength	500VAC 1ms,1s
Insulation resistance	100MΩ(500VDC)
Duty type	S2
Protection level	IP40
Insulation class	B130C
Cooling method	IC410
Rated thrust	50N
Maximum thrust	100N
Stroke	15mm

CUSTOMER

WIRING CHART



EXCITING SEQUENCE

wire gauge	Motor wire	Color	wire gauge	Hall wire	Color
	U			+5V	
	V			Hall U	
	W			Hall V	
				Hall W	
				GND	

NOTICE TO PERSONS RECEIVING THIS DRAWING

THIS DRAWING IS ONLY CONDITIONALLY ISSUED, AND FOR THE SOLE PURPOSE OF INFORMING LICENSEES AND ASSOCIATE CONTRACTORS OF DINGS' MOTION, AND VENDORS THERETO AND CUSTOMERS THEREOF, RECEIPT OR POSSESSION THEREOF DOES NOT CONFER TO TRANSFER ANY RIGHT IN THE SUBJECT MATTER OF THE DRAWING. THE DESIGN, CONSTRUCTION, TECHNICAL INFORMATION AND ALL OTHER SUBJECT MATTER SHOWN IN THIS DRAWING ARE AND REMAIN, EXCEPT AS MAY BE OTHERWISE INDICATED BY WRITTEN NOTICE HEREON, THE EXCLUSIVE PROPERTY OF SAID CORPORATION. THIS DRAWING MAY BE REPRODUCED ONLY BY LICENSEES AND ASSOCIATE CONTRACTORS OF SAID CORPORATION AND ONLY FOR LICENSED MANUFACTURE. AND BY VENDORS MANUFACTURING FOR SAID CORPORATION AND ONLY FOR LICENSEES AND ASSOCIATE CONTRACTORS.

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	±1°
6~30	±0.8	50~120	±30'
30~120	±1.5	120~400	±15'

DRAWN

Kevin

DATE _____

2026/8/12

APPRVD

DATE _____

--	--

MODEL

10ZWWC25L-G18CAB-X-15SNSN-E

SIZE

A3

SHEET

119E 1

SCAL

1: 1

1 REV

00

