

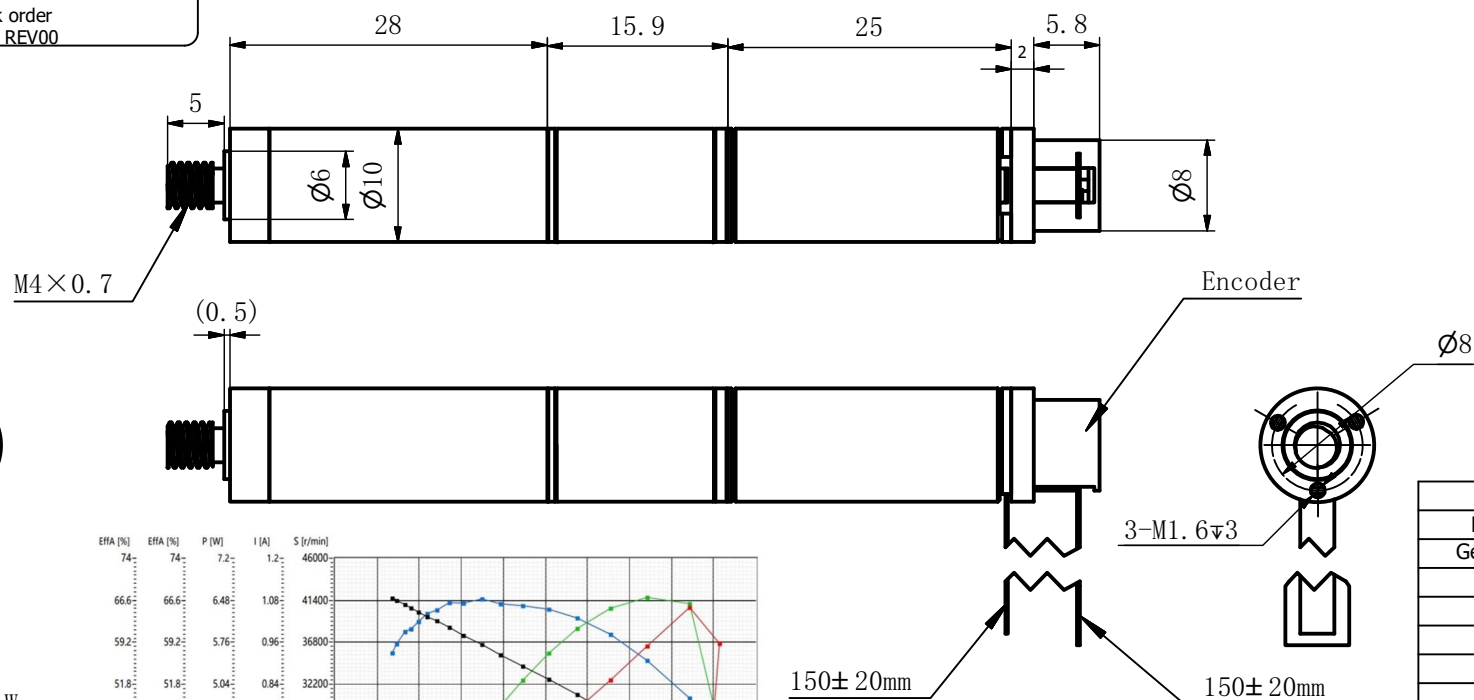
10ZWWC25L-G18CAB-X-15SNSN-EK-110

DINGS' MOTION
Work order
DATE REV00

REVISION

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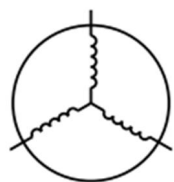
Encoder description	
PIN#	Description
1	U
2	V
3	W
4	GND
5	Vcc
6	A
7	B
8	I
9	-
10	-
11	-
12	-



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	S1
Protection level	IP40
Insulation class	B130C
Cooling method	IC410
Rated thrust	80N
Maximum thrust	160N
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

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

DRAWN

Kevin

DATE _____

2026/8/12

APPRVD

DATE _____

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MODEL

10ZWWC25L-G18CAB-X-15SNSN-EK-11

SIZE

A3

SHEET

119E 1

SCAL

1: 1

1 REV

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