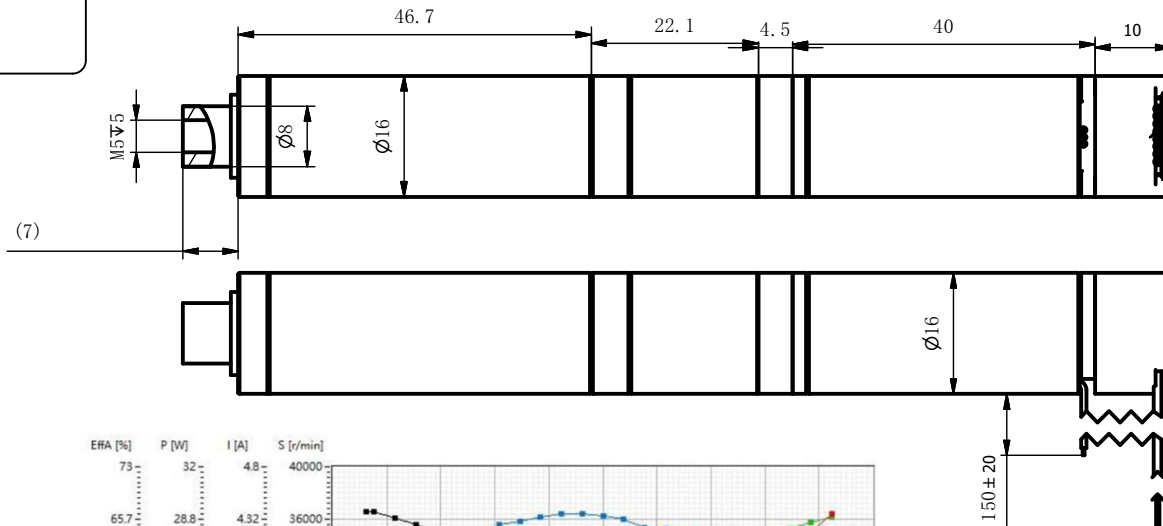


16ZWWC40L-G28CD-X-30SNSN-EK-110

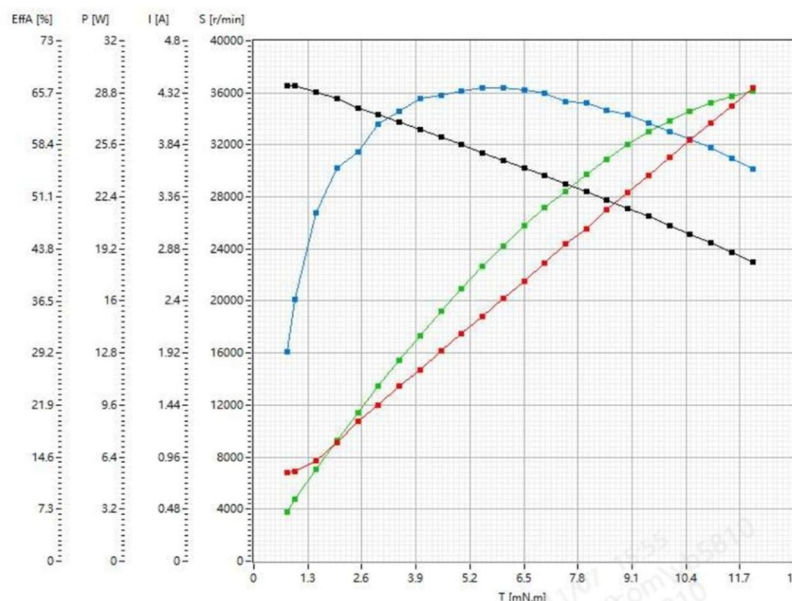
DINGS' MOTION
Work order
DATE REV00

REVISION			
REV.	DATE	DESCRIPTION	DRAWN BY



Encoder:
1024lines, 3channels

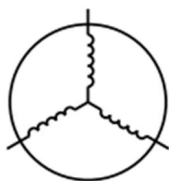
Encoder		
PIN#	Description	Color
1	A+	Yellow
2	A-	Gray
3	B+	Green
4	B-	Orange
5	I+	Blue
6	I-	White
7	5V	Red
8	GND	Black



Pole pairs	1
Reduction ratio	28
Gearbox efficiency	80%
Rated voltage	12V
Rated current	2.6A
Rated speed	26500RPM
Rated torque	7.4mN·m
Rated power	20.5W
Lead screw diameter	Ø4.77 mm
Lead screw lead	1.27 mm
Dielectrical strength	500VAC 1ms,1s
Insulation resistance	100MΩ(500VDC)
Duty type	S2
Protection level	IP40
Insulation class	B130C
Cooling method	IC410
Rated thrust	200N
Stroke	30mm

CUSTOMER

WIRING CHART



EXCITING SEQUENCE

wire gauge	Motor wire	Color	wire gauge	Hall wire	Color
26AWG	U	Brown	26AWG	+5V	Red
	V	Yellow		Hall U	Gray
	W	Green		Hall V	White
				Hall W	Blue
				GND	Black

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	±1.5°
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

MODEL

16ZWWC40L-G28CD-X-30SNSN-EK-110

DINGS

SIZE

A3

SHEET

1 of 1

SCALE

1: 1

REV

00

