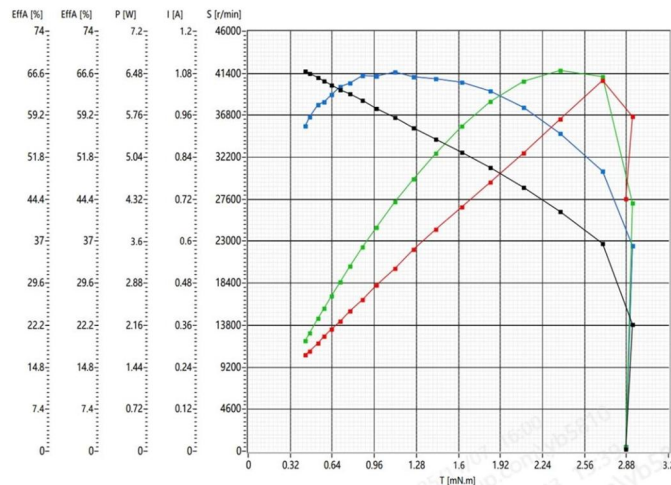


REVISION			
REV.	DATE	DESCRIPTION	DRAWN BY

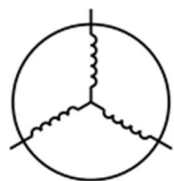
Encoder description	
PIN#	Description
1	U
2	V
3	W
4	GND
5	Vcc
6	A
7	B
8	I
9	-
10	-
11	-
12	-

Pole pairs	1
Reduction ratio	18
Gearbox efficiency	80%
Rated voltage	12V
Rated current	0.8A
Rated speed	3100RPM
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	35N@28mm/s
Maximum thrust	80N@15mm/s
Stroke	16mm



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	

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 _____

2025/12/3

APPRVD

DATE _____

--	--

MODEL

10ZWWC25L-G18CAB-X-16SNSN-EK-101

SIZE

A3

SHEET

119E :

1

SCALE

1: 1

REV

00

1

