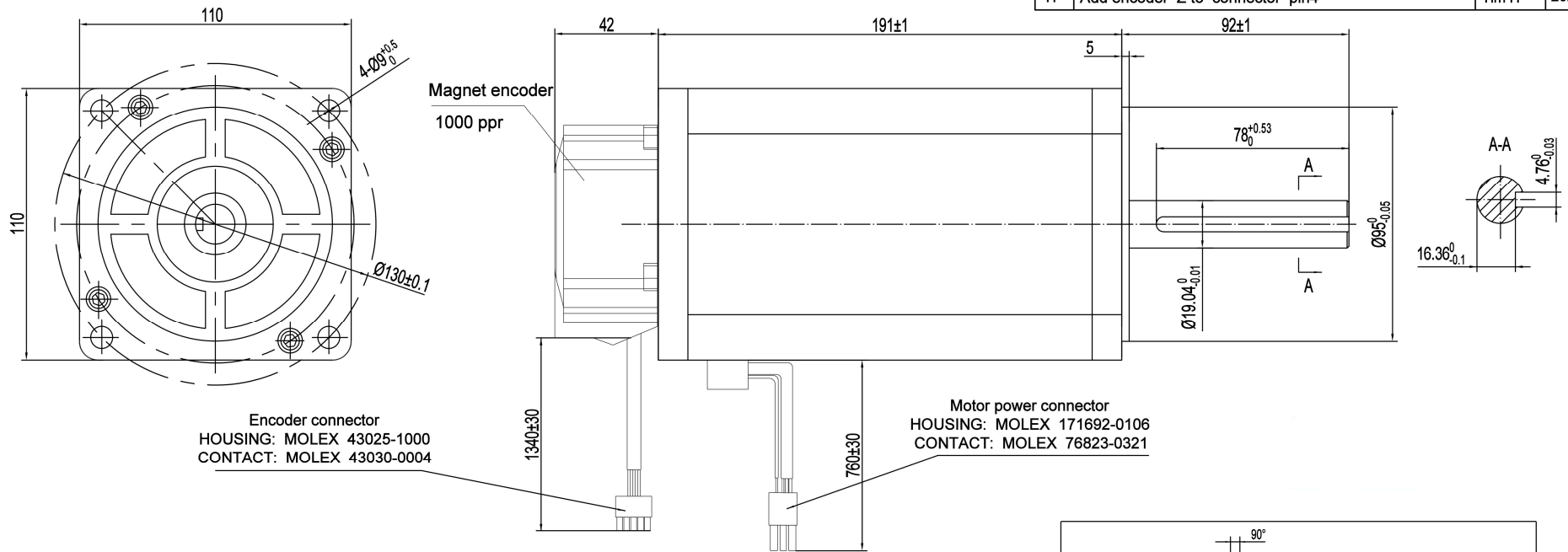


Rev	Modify details	Modified by	Date
F	Ues thermal protector instead of NTC	Tim H	2020/8/20
G	Change connection between lead wires and conecontor	Tim H	2020/8/26
H	Add encoder Z to connector pin4	Tim H	2020/9/03

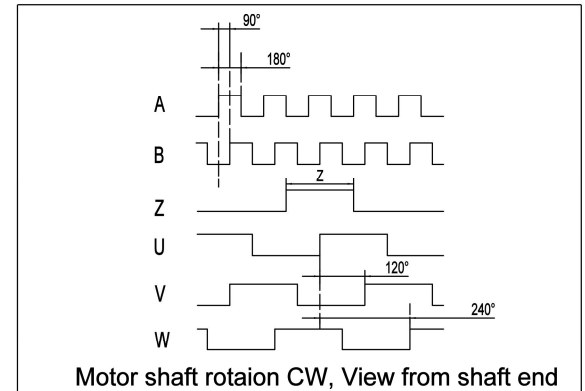


POLES	8
RESISTANCE	1.2 OHMS
INDUCTANCE	3mH
NOMINAL VOLTAGE	310 VDC
NO LOAD SPEED	4000 RPM
NO LOAD CURRENT	2 Amps Max.
RATED TORQUE	6.4 N-m
RATED SPEED	3100±10% RPM
RATED CURRENT	15 Amps MAX
OUTPUT POWER	2070 W
BACK EMF CONSTANT	57V/kRPM
TORQUE CONSTANT	0.29 N-m/A
ROTOR MOMENT OF INERTIA	13.5x10 ⁻⁴ Kg.m ²
INSULATION CLASS	F
THERMAL PROTECTOR	17AM033A5-ZZ
FRONT BEARING	NSK 6304
REAR BEARING	NSK 6202

ENCODER CONECONTOR PIN DEFINE			
FUNCTION	COLOR	PIN	
DC +5V	RED	1	
A	BLUE	2	
B	GREEN	3	
Z		4	
U	BROWN	5	
V	WHITE	6	
W	GRAY	7	
	NC	8	
GND	BLACK	9	
	NC	10	

NOTE : Do not connect Encoder Z wire to PIN 4 in connector. You can keep wire as a loose with 1340 mm length.

MOTOR CONNECTOR PIN DEFINE			
NAME	COLOUR	PIN	LEAD WIRE
PHASE U	YELLOW	1	UL1330 16AWG
PHASE V	GREEN	2	
PHASE W	BLUE	3	
PT1	BLK	4	UL1330 26AWG
PT2	BLK	5	UL1330 26AWG
PE	YEL/GRN	6	UL1330 16AWG



Project No.: 80558	Part No.: EL110BLSE233-80558	Material	REV J-2
Description: DC Brushless motor		Weight	Scale 1:1
		Design: Tim H 2020/09/03	
ELMEQ www.elmeq.com		Approve:	



This drawing and its contents are the property of ELMEQ and must not be copied, reproduced, transmitted or disclosed to any third party without written consent of ELMEQ.