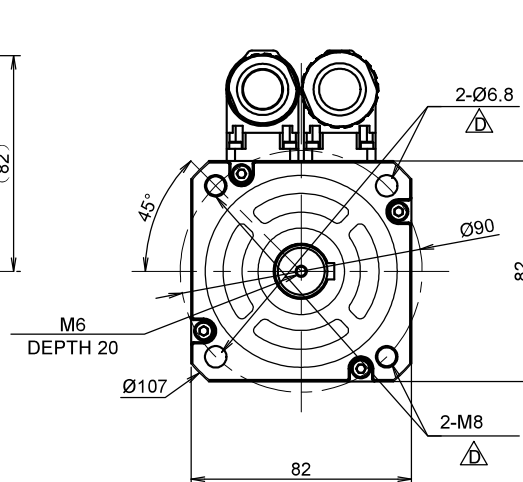
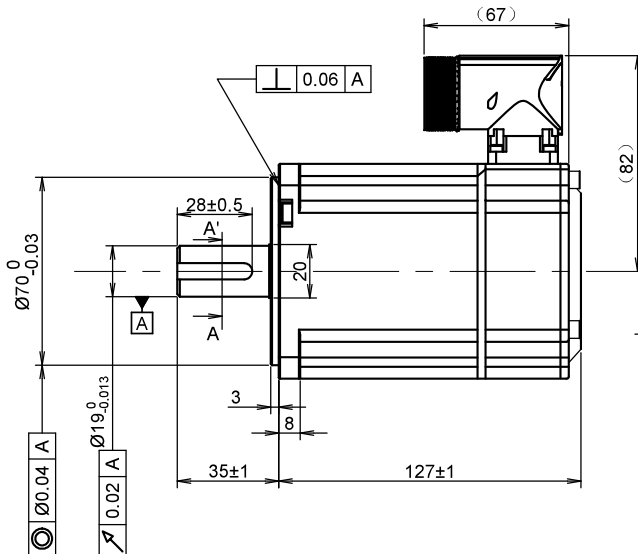
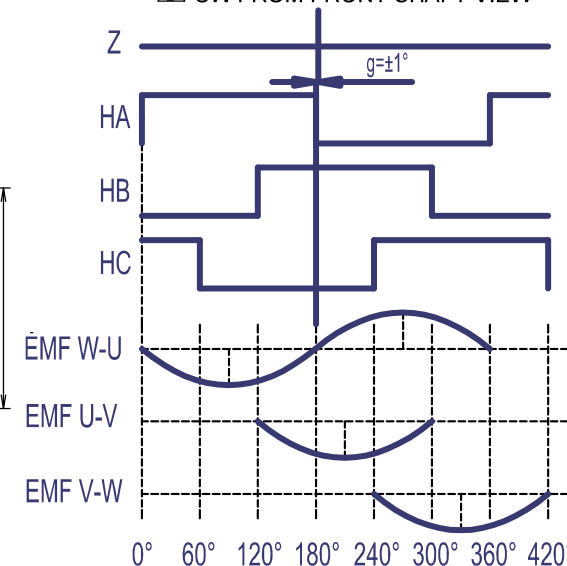
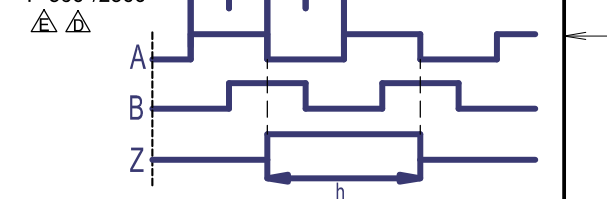


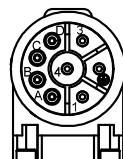
B



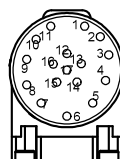
 CW FROM FRONT SHAFT VIEW


$$T=360^\circ/2500$$


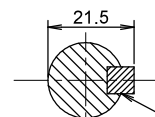
ENCODER TYPE	Incremental encoder
POWER SUPPLY	5.00 Vdc
RESOLUTION	2500 ppr
OUTPUT TYPE	Line Driver



Motor power line:
M23 8PINS
(MALE)



Motor signal line:
M23 17PINS
(MALE)



Key:6*6*28

A-A'
VIEW

POLE PAIRS	5
APPLIED VOLTAGE	200Vac ~ 250Vac
RATED POWER	750 W
RATED CURRENT	5.16 A
RATED TORQUE	2.39 Nm
PEAK TORQUE	8.40 Nm
RATED SPEED	3.000 rpm
NO LOAD SPEED	6.000 rpm

Motor power line:

PiN NO.	1	2	3	4	A	B	C	D
Signal	U	Ground	V	W	---	---	---	---

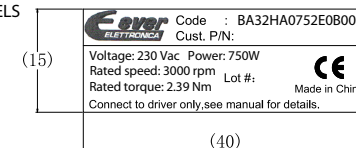
Motor signal line: ΔC

PiN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Signal	+5 VDC	GND	A	A/	B	B/	Z	Z/	---	---	Hall A+	---	Hall B+	---	Hall C+	---	---

UNIT: mm
UNLESS OTHERWISE SPECIFIED TOLERANCES
DIMENSIONS : ± 0.3 mm DEGREES : $\pm 5\%$
ORTHOGRAPHIC PROJECTION 

DESIGN	Stm02668-00e
CHECK	
APPROVED	Matteo C. - 30 / 11 / 2023
DATE	30 / 11 / 2023

LABELS



YYWWXXXXX (25 x 8)
Stator barcode label

BA32HA0752E0B00

AC BRUSHLESS MOTOR SPECIFICATION



www.everelettronica.it

TORQUE CONSTANT		0.46 Nm/A $\pm$ 10%
BACK EMF CONSTANT		31.60 Vrms/Krpm
WEIGHT		2600 g. approx
IP CODE		IP65 (except for the shaft extension)

REV	00a - First release.
	00b - Changed the motor structure.
	00c - Changed the Hall signals.
	00d - Add diagrams and changed some parameters .
	00e - Update encoder waveform.