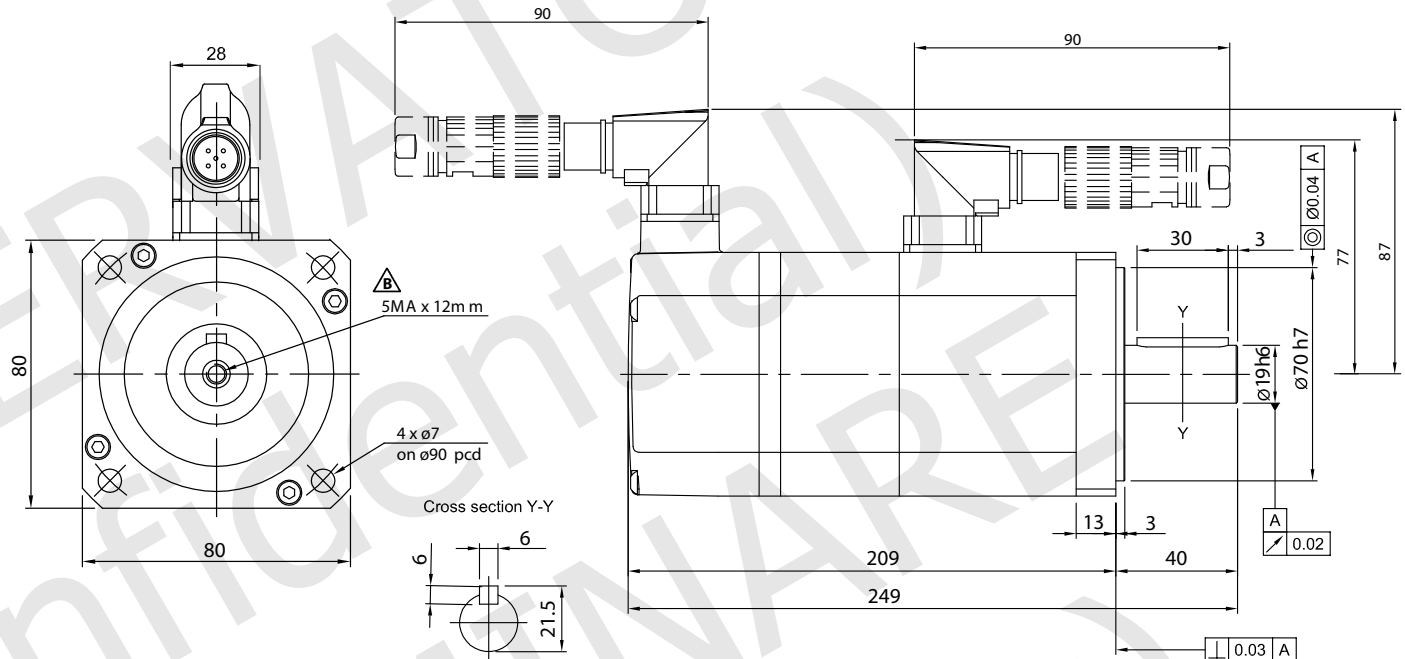
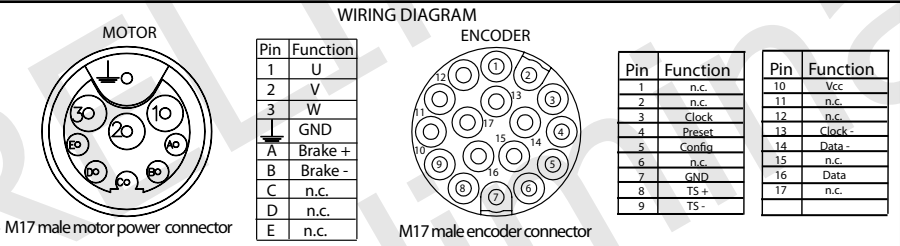


RoHS



BRAKE SPECIFICATIONS	
RATED VOLTAGE	24 Vdc
RATED CURRENT	0.50 A
HOLDING TORQUE	4.50 Nm
MAX SPEED	10000 rpm
MOMENT OF INERTIA	0.18 Kg.m <sup>2</sup> x10 <sup>-4</sup>
ENCODER SPECIFICATIONS	
ENCODER TYPE	Absolute multiturn
SINGLE TURN RESOLUTION	17 bits
MULTITURN RESOLUTION	16 bits
POWER SUPPLY	5.00 Vdc
OUTPUT	BISS-C
MOTOR SPECIFICATIONS	
POLE PAIRS	3
APPLIED VOLTAGE	230 Vac
RATED POWER	750 W
STALL TORQUE	2.50 Nm
STALL CURRENT	2.90 A
RATED TORQUE	2.39 Nm
RATED CURRENT	2.75 Arms
PEAK TORQUE	7.50 Nm
PEAK CURRENT	8.70 Arms
RATED SPEED	3000 rpm
MAX SPEED	4000 rpm
TORQUE CONSTANT	0.85 Nm/Arms ±5%
VOLTAGE CONSTANT	51.40 Vrms/Krpm ±5%
LINE TO LINE RESISTANCE	3.95 ohm ±5%
LINE TO LINE INDUCTANCE	29.50 mH ±5%
ROTOR INERTIA	0.614 Kg.m <sup>2</sup> x10 <sup>-4</sup>
AMBIENT TEMPERATURE	+0°C ~ +40°C
WEIGHT	3.1 Kg.
PROTECTION	IP65
INSULATION CLASS	Class F, 155°
MAX RADIAL LOAD	420 N
MAX AXIAL LOAD	150 N



LABELS

U <sub>N</sub>	230 Vac	n	3000 r/min
Ke	51,4 V/Krpm	DUTY	S1
I <sub>N</sub>	2,75 A	InC	F
M <sub>N</sub>	2,39 Nm	IP code	65
M <sub>stall</sub>	2,50 Nm	S.N.	yyyyyyy
P <sub>N</sub>	750 W	DATE	xx/xx/xxxx

UNIT: mm	DESIGN	Stm02223-01b
UNLESS OTHERWISE SPECIFIED TOLERANCES	CHECK	
DIMENSIONS : ±0.3 mm DEGREES : ±5%	APPROVED	
DRAWING NOT TO SCALE	DATE	19 / 10 / 2022

**BA32SA0752A0B0F**  
AC BRUSHLESS MOTOR SPECIFICATION

REV	00a - First release.
	00b / 01b - Fix the threaded hole on front shaft.