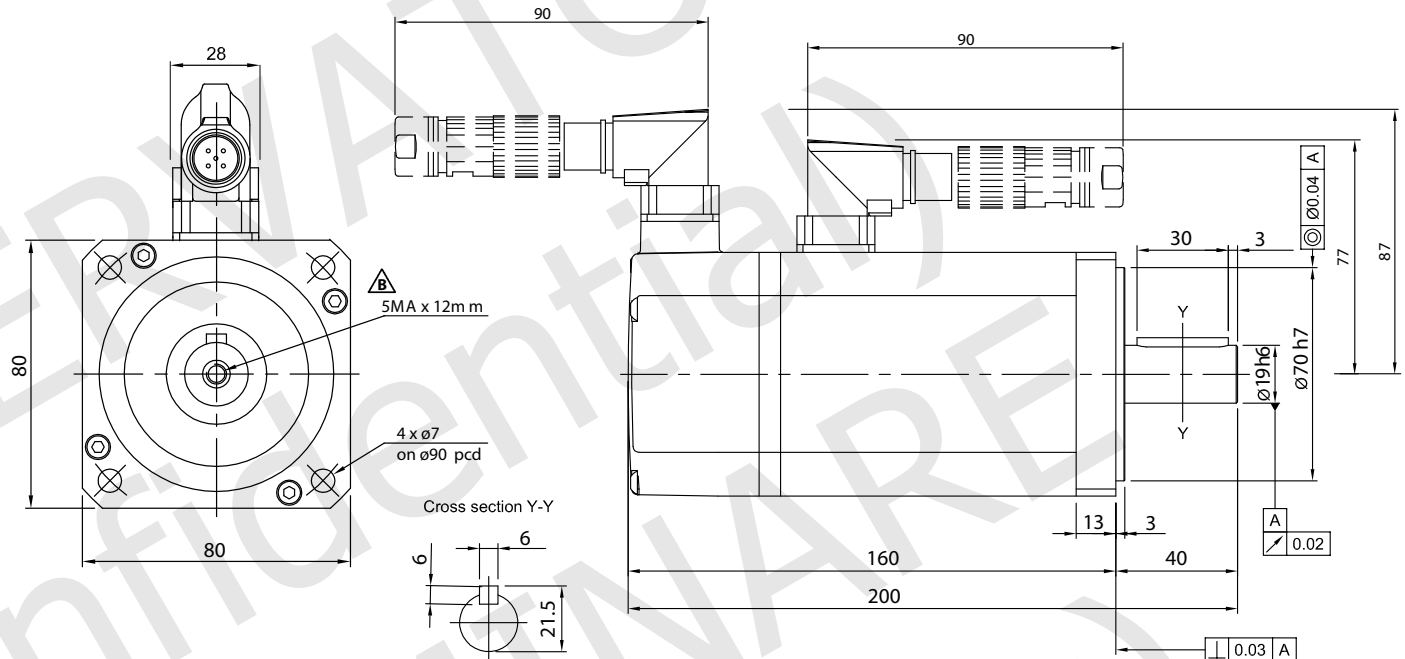
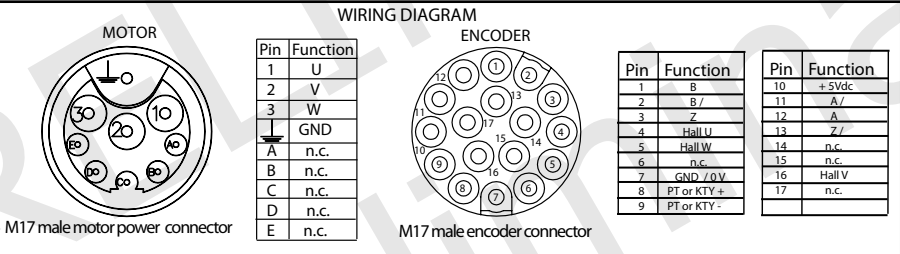


RoHS



ENCODER SPECIFICATIONS	
ENCODER TYPE	Incremental
RESOLUTION	2048 ppr
ROTOR MOMENT OF INERTIA	0.01 Kg.m ² x10 ⁻⁴
POWER SUPPLY	5.00 Vdc
OUTPUT	Line driver
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 ² x10 ⁻⁴
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

Made in Italy

CODE BA32SA0752E1B00

U _N	230 Vac	n	3000 r/min
K _e	51.4 V/Krpm	DUTY	51
I _w	2.75 A	InC	F
M _W	2.39 Nm	IP code	65
M _{stall}	2.50 Nm	S.N.	yyyyyyy
P _N	750 W	DATE	xx/xx/xxxx

Y

UNIT: mm	DESIGN	Stm02220-02b
UNLESS OTHERWISE SPECIFIED TOLERANCES	CHECK	
DIMENSIONS : ±0.3 mm DEGREES : ±5%	APPROVED	
DRAWING NOT TO SCALE	DATE	28 / 11 / 2022

BA32SA0752E1B00

AC BRUSHLESS MOTOR SPECIFICATION

REV	00a - First release.
	00b / 01b - Fix the threaded hole on front shaft.
	00c - Fix the encoder A and A- polarity.

the clever drive

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