

ASSEMBLY TECHNICAL SPECIFICATION

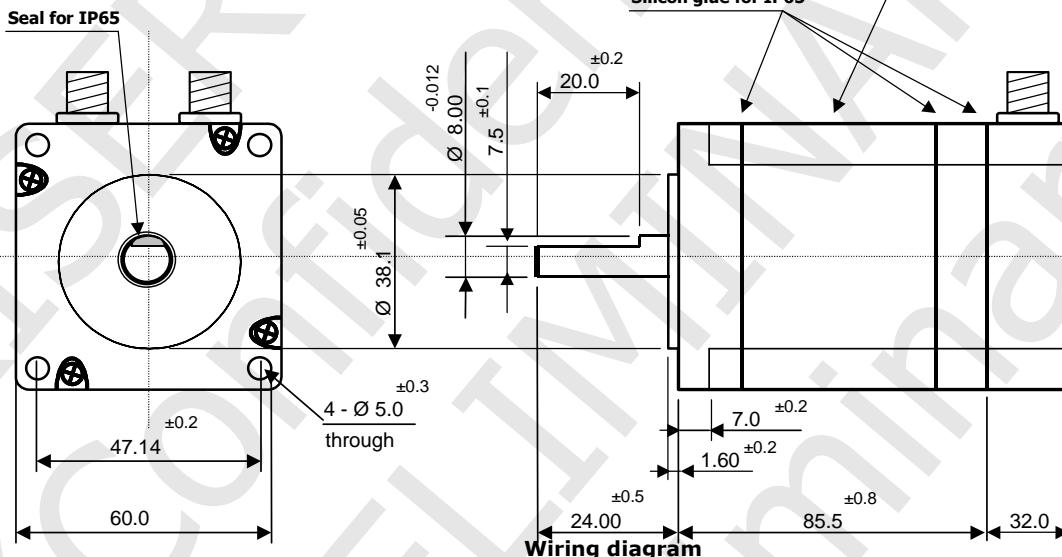
Red. : Bianchi Mario

Doc: **MTEN-0108 - 00c**

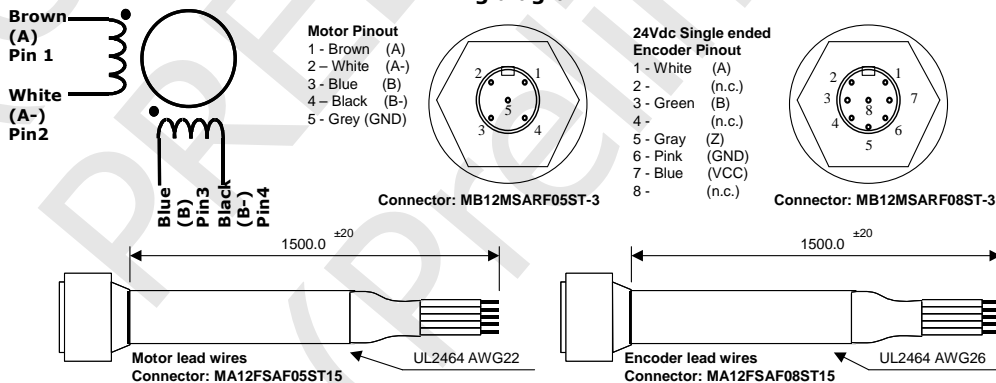
Date : 16/11/2017

Motor size	2.4" – 60 mm square flange	Step Angle	1.8° ±5%
Front Shaft	24.00 mm length – Ø 8.0 mm with D-cut 7.5 x 20.0 mm	Rear Shaft	17.0 mm length - Ø 6.35 mm
Lead wires	# 4 pin on connector	Lead Wire Length	1500 mm ±20
Rated Voltage	3.81 Volt	Rated Current	3.00 Amps
Resistance	1.27 ohm ±10%	Inductance	5.10 mH ±20%
Winding	Bipolar parallel	Bipolar Holding Torque	2.70 Nm min.
Rotor Inertia	810 g.cm.²	Insulation class	Class B, 130°C
Dielectric strength	500 Vac 1 minute	Insulation resistance	100 Mohm min.
Ambient temperature	-20° C ~ + 40° C	Temperature rise	80K max
Shaft thrust load	15 N	Shaft radial load	75 N (at the shaft end)
Protection	IP65	Encoder model	SE460400AA10030
Encoder resolution	400 ppr	Encoder power supply	10~30 Vdc
Feedback signals	A, B, Z.	Output	24 Vdc (single ended)

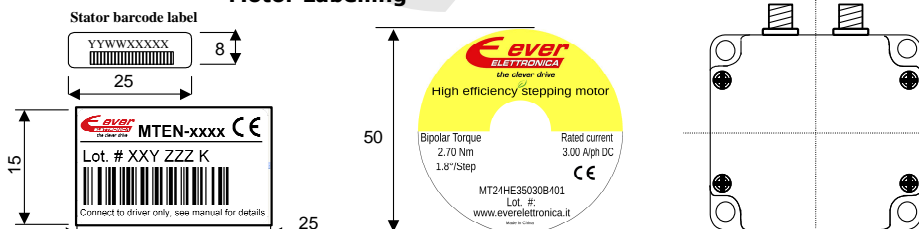
Mechanical drawing
(Dimensions in mm)



Wiring diagram



Motor Labelling



	Motor specification: STE00002-00b	Date: November, 16th 2017	Customer approval: _____
	Ever motor code: MTEN-0108		Customer code: _____