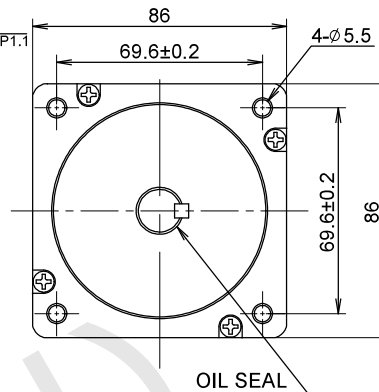
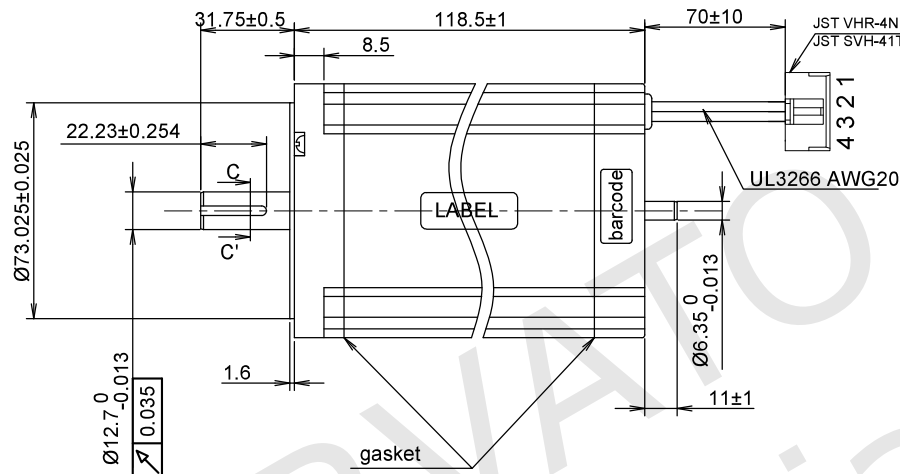
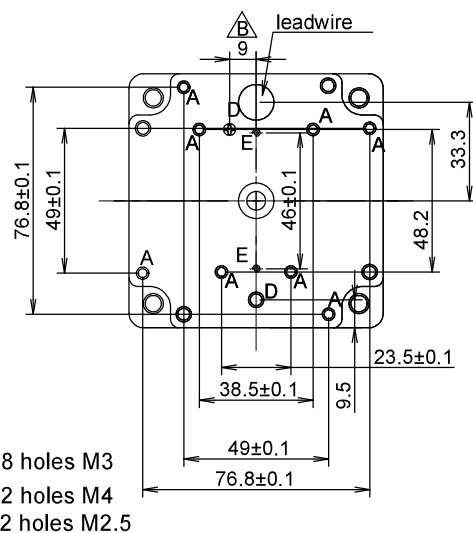
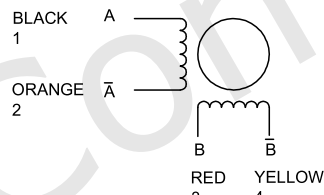


MOTOR SPECIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	8.40 Amps/Ph
HOLDING TORQUE	8.50 Nm Min.
RESISTANCE	0.30 ohm ±0.10 at 25°C
INDUCTANCE	2.80 mH ±20% at 1kHz, 1Vrms
ROTOR INERTIA	3800 g.cm ²
INSULATION CLASS	Class B, 130°C
DIELECTRIC STRENGTH	500 Vac 1 minute
IP CODE	IP65 (except the rear flange)
PULL OUT TORQUE	---
BACK EMF	---
DETENT TORQUE	---
WEIGHT	4000 g. approx
TEMPERATURE RISE	80K Max.
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-20°C ~ +70°C
SHAFT AXIAL LOAD	60 N
SHAFT RADIAL LOAD	220 N (ON FRONT SHAFT END)

WIRING DIAGRAM

EXCITING SEQUENCE(TWO PHASES)
VS.DIRECTION OF ROTATION

STEP	A	B	Ā	B̄
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CLOCK WISE VIEW FROM MOUNTING SIDE

LABELS

YYWWXXXX

Stator barcode label
(25 x 8)

Ever Code: MT34HE47084B402
Rated Current: 8.4 A
Rated Voltage: 140 Vdc
Insulation class: Class B
Holding torque: 8.5 Nm
Rated ambient temperature: 50°C
Max speed: 3000 rpm
Lot. #:
Made in China
Changzhou Ever Electronics Motion Technology Co., Ltd.

UNIT: mm
UNLESS OTHERWISE SPECIFIED TOLERANCES
DIMENSIONS : ±0.3 mm DEGREES : ±5%
GEOMETRICAL TOLERANCE FOR FEATURES WITHOUT INDIVIDUAL
TOLERANCE INDICATIONS: GB/T 1184-K EQU ISO 2768-2:K
ORTHOGRAPHIC PROJECTION

DRAWING NOT TO SCALE

REV

- 00a - First release.
- 00b - Modify the M4 screw position on rear flange.
- 01b - Updated the label for UL requirements.

SPECIFICATION	Strm02283-01b
DESIGNER	Ever China
CHECK	Mario Bianchi
APPROVED	Matteo Caldi
DATE	01 / 12 / 2025

MT34HE47084B402
STEPPING MOTOR SPECIFICATION

www.everelettronica.it

Mod. 8.2-5 Rev.02