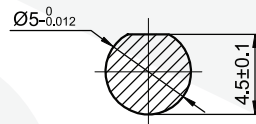
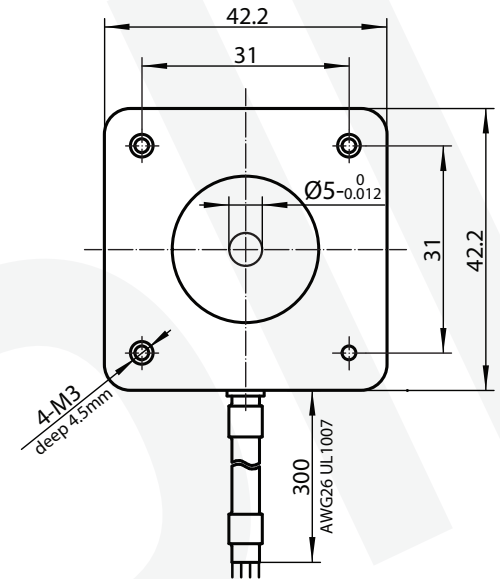
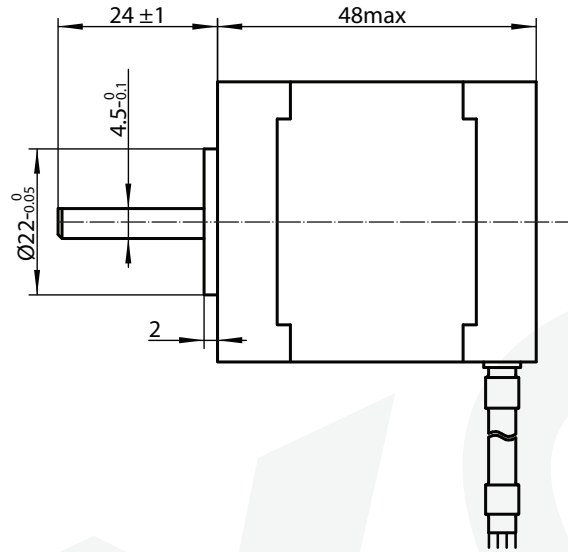
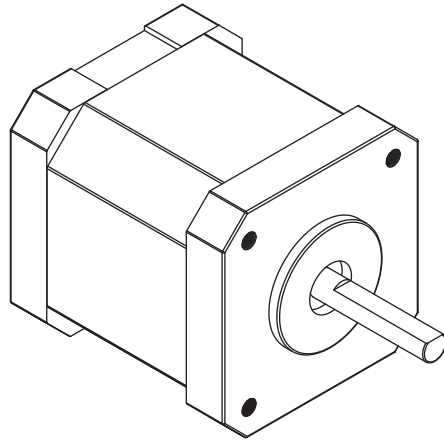


MOTOR TECHNICAL DATASHEET

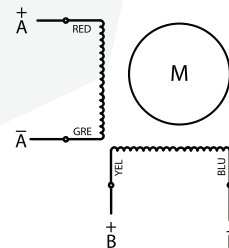


STEP	A	B	$\bar{A}$	$\bar{B}$	
1	+	+	-	-	↓ CW ↑ CCW
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

MOTOR SPESIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	1.40A
PHASE NO.	2
HOLDING TORQUE	0.47 N.m (min.)
DETENT TORQUE	280 g.cm(max.)
ROTOR INERTIA	68 g.cm ²
INSULATION CLASS	Class B, 130°C
INSULATION RESISTANCE	100MΩ(500VDC)
IP CODE	IP20
WEIGHT	380 g. approx
TEMPERATURE RISE	80K Max.
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-20°C ~ +70°C

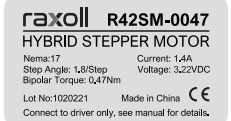
WIRING DIAGRAMS



MOTOR LABELS



REAR FLANGE LABEL



SIDE LABEL

R42SM-0047
HYBRID STEPPER MOTOR

DATE : 29 / 04 / 2024 v.004

raxoll
www.raxoll.com

UNIT: mm
UNLESS OTHERWISE
SPECIFIED TOLERANCES

DEGREES :±0.1°
DIMENSIONS :±0.3 mm
CHAMFER :±5°

CONNECTION TYPE

VOLTAGE	3.22VDC
CURRENT	1.40A
RESISTANCE	2.3±10%Ω
INDUCTANCE	4.0±20% mH
HOLDING TORQUE	0.47N.m