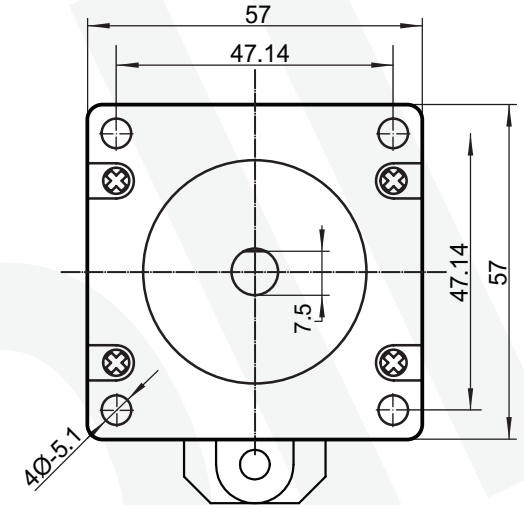
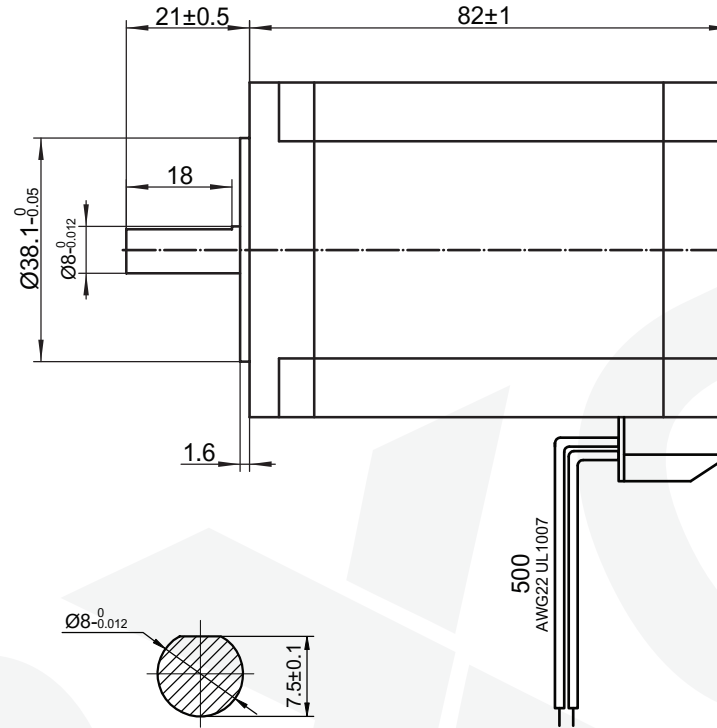
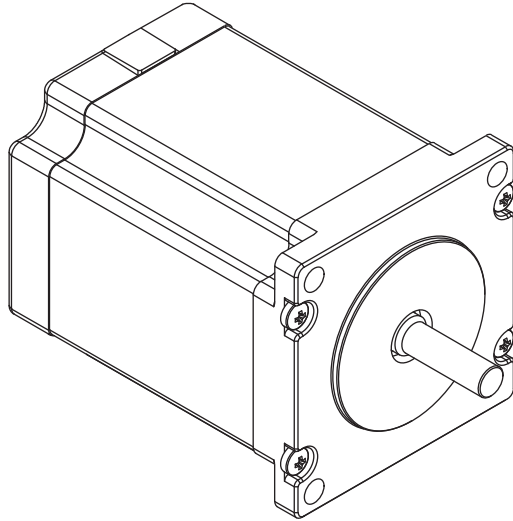


MOTOR TECHNICAL DATASHEET



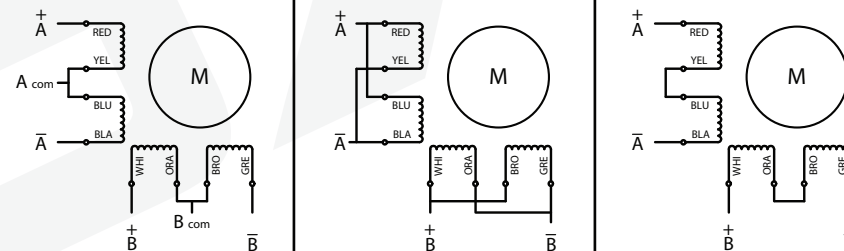
MOTOR SPESIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	3.00 A
PHASE NO.	2
HOLDING TORQUE	2.10 N.m (min.)
DETENT TORQUE	700 g.cm(max.)
ROTOR INERTIA	510 g.cm ²
INSULATION CLASS	Class B, 130°C
INSULATION RESISTANCE	100MΩ(500VDC)
IP CODE	IP20
WEIGHT	1200 g. approx
TEMPERATURE RISE	80K Max.
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-20°C ~ +70°C

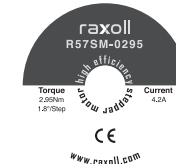
UNIT: mm
UNLESS OTHERWISE
SPECIFIED TOLERANCES

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

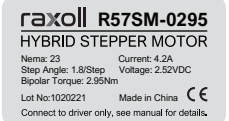
WIRING DIAGRAMS



MOTOR LABELS



REAR FLANGE LABEL



SIDE LABEL

R57SM-0295
HYBRID STEPPER MOTOR
DATE : 28 / 12 / 2022 v.003

raxoll
www.raxoll.com

CONNECTION TYPE

VOLTAGE

CURRENT

RESISTANCE

INDUCTANCE

HOLDING TORQUE

UNIPOLAR

3.60VDC

3.00A

1.2±10%Ω

2.5±20% mH

2.10N.m

BIPOLAR PARALLEL

2.52VDC

4.20A

0.6±10%Ω

2.5±20% mH

2.95N.m

BIPOLAR SERIAL

5.04VDC

2.10A

2.4±10%Ω

10.0±20% mH

2.95N.m