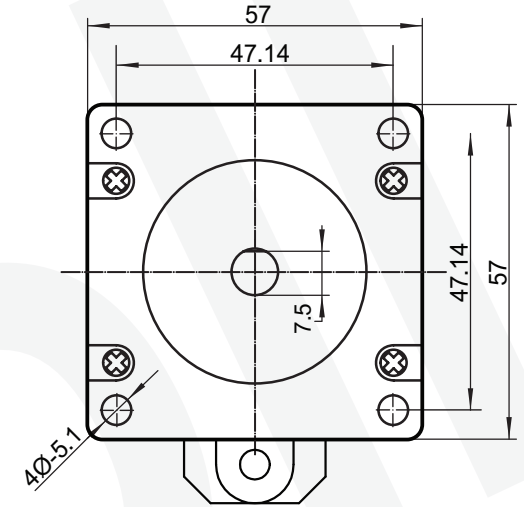
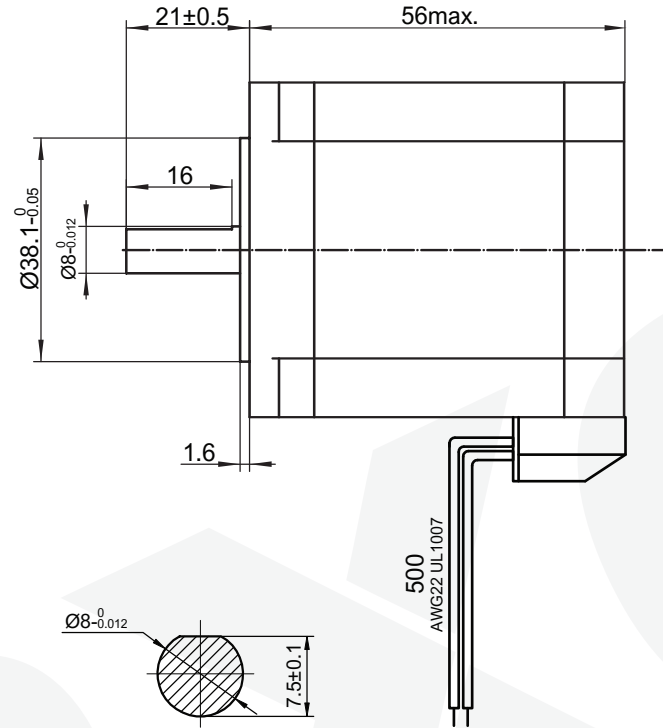
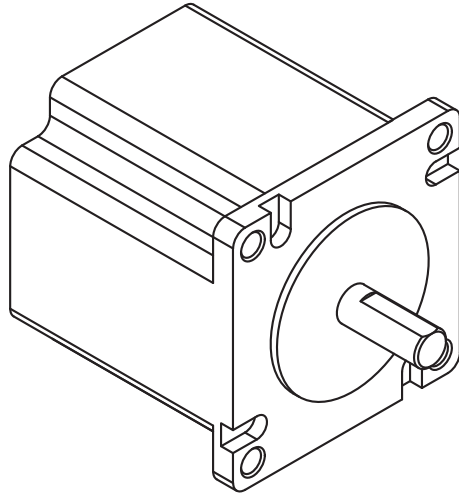


MOTOR TECHNICAL DATASHEET



MOTOR SPESIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	3.00 A
PHASE NO.	2
HOLDING TORQUE	1.20 N.m
DETENT TORQUE	400 g.cm(max.)
ROTOR INERTIA	300 g.cm ²
INSULATION CLASS	Class B, 130°C
INSULATION RESISTANCE	100MΩ(500VDC)
IP CODE	IP20
WEIGHT	700 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°

CONNECTION TYPE

VOLTAGE

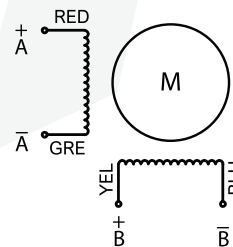
CURRENT

RESISTANCE

INDUCTANCE

HOLDING TORQUE

WIRING DIAGRAMS



BIPOLAR PARALLEL

2.85VDC

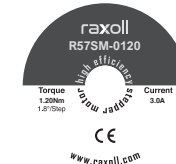
3.0A

0.95±10%Ω

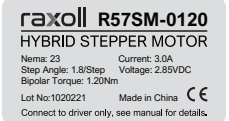
2.8±20% mH

1.20N.m

MOTOR LABELS



REAR FLANGE LABEL



SIDE LABEL

R57SM-0120
HYBRID STEPPER MOTOR

DATE : 28 / 12 / 2022 v.003

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