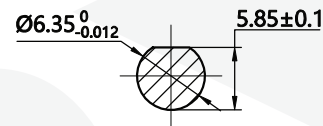
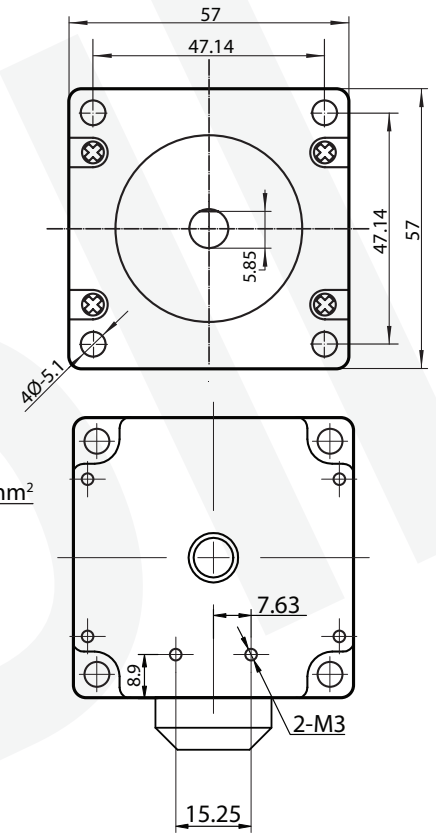
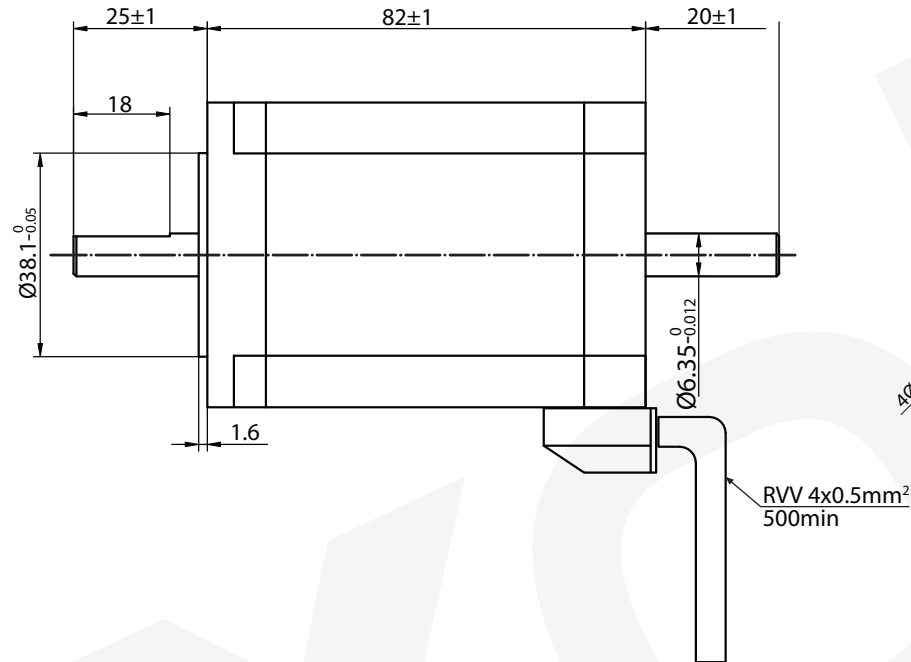
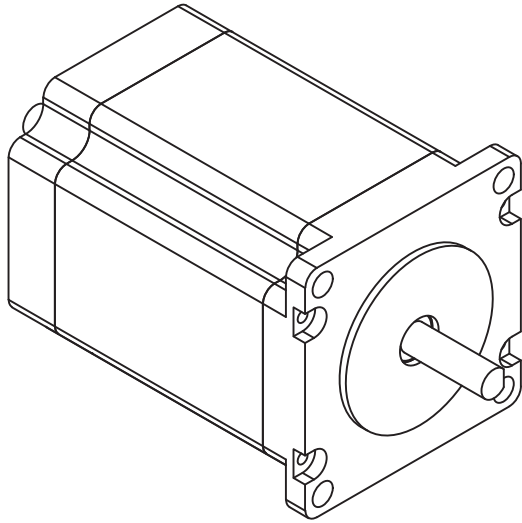


MOTOR TECHNICAL DATASHEET



STEP	A	B	$\bar{A}$	$\bar{B}$
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

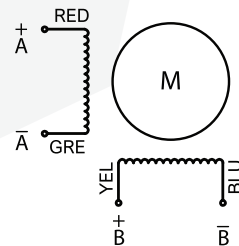
CCW

CW

MOTOR SPESIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	4.20A
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

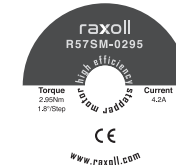
WIRING DIAGRAMS



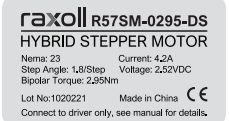
BIPOLAR PARALLEL

UNIT: mm	CONNECTION TYPE	
UNLESS OTHERWISE SPECIFIED TOLERANCES	VOLTAGE	2.52VDC
	CURRENT	4.20A
	RESISTANCE	0.6±10%Ω
DEGREES :±0.1°	INDUCTANCE	2.5±20% mH
DIMENSIONS :±0.3 mm	HOLDING TORQUE	2.95N.m
CHAMFER :±5°		

MOTOR LABELS



REAR FLANGE LABEL



SIDE LABEL

R57SM-0295-DS

HYBRID STEPPER MOTOR

DATE : 28 / 12 / 2022 v.003

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