



Specifications:

2 Cell LiPO

Motor Diameter: 36 mm

Motor Length: 65.80 mm

Weight: 8.4oz (240g)

Shaft Diameter: 5.0 mm

Rotor Diameter: 12.50 mm

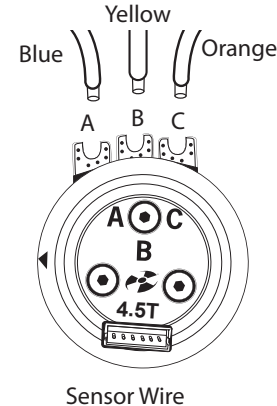
Wind Type: Star (Y) wind

P/N	Winds	K/v	Max Current	Resistance	ROAR® Approved
13018	4.5	4400	90	0.0067	No

GEARING AND TIMING

Timing can be adjusted by loosening the three screws and rotating the aluminum end cap. Rotating the end cap counter-clockwise adds timing which increases the motor's RPM. Be aware that by adding timing, motor temperatures will increase and battery duration will decrease. Those with limited motor tuning experience should leave the timing at the factory setting.

WIRING DIAGRAM



PRECAUTIONS & WARNINGS

- Avoid over gearing by monitoring motor temperature. Operating temperatures should NOT exceed 80C (175F)
- Be sure to use the proper size motor mounting screws
- Do NOT over-tighten the motor mounting screws

INSTALLATION AND MAINTENANCE

- Solder the three leads from your Electronic Speed Control (ESC) noting the A, B, and C connections. Do NOT allow solder to bridge the gap between each connection.
- To clean your motor, lightly brush dirt away on a regular basis paying particularly close attention to the area around the ball bearing. Occasionally add a small drop of bearing oil. DO NOT spray cleaners or solvents into the motor.

General Warranty Policies

Atomik® warrants this product to be free of material and workmanship defects when new. Atomik® will at its sole discretion repair or replace defective components free of charge within 90 days from date of purchase or within 30 days for all electronic components. This warranty does not cover wear and tear, crash damage, modifications, failure to perform routine maintenance, or any damages arising as a result of improper use. All warranty claims are to be directed to Atomik® Customer Service at: customerservice@atomik-rc.com.

Important Notice

Atomik™ assumes sole responsibility for our products; therefore, dealers should not be involved in any warranty issues. All warranty claims are to be directed to Atomik™ Customer Service. Before returning any defective product, please contact Atomik® Customer Service at: customerservice@atomik-rc.com to receive a Return Merchandise Authorization Number. A dated & itemized sales receipt must accompany any product returned for warranty work.

GUARANTEE

All products are inspected and adjusted individually before leaving the manufacturer and are guaranteed to be free of material defects and manufacturing faults.

This product contains chemicals known to the State of California to cause Cancer, Birth Defects and other Reproductive Harm. Be responsible, dispose of properly.

Atomik RC® USA

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Customer Service

For Customer Service issues
and the quickest warranty service
please visit www.atomik-rc.com



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