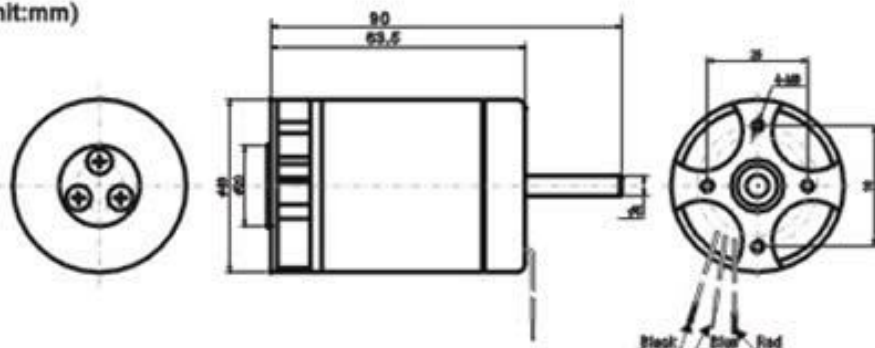


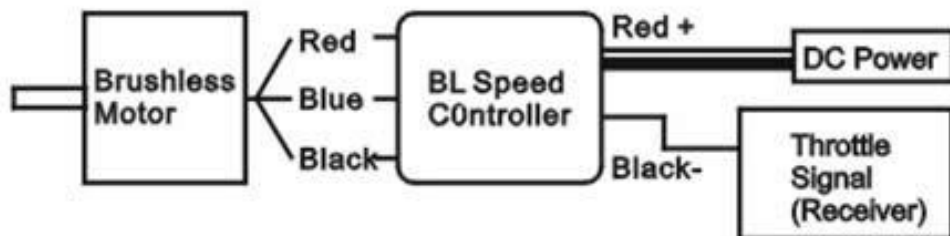
This new Brushless motor developed by TWF HOBBY is created with the latest, CNC cutting edge technology with high precision available today. It features high-torque, super power, high temperature resistant and low wear-resisting which would provide a safe and reliable power system for your model.

**Specification:**

(Unit:mm)



**Illustration:**



Model	Motor weight (g)	Motor length (mm)	Motor diameter (mm)	Shaft diameter (mm)	KV (RPM/V)	Free load current (A)	Max current (A)	Speed controller requirement (A)	Length (mm)
EK5-0007	305	63.5	43	5	1200	5	50	80	90

**Features:**

1. This motor owns a light, compact design. Gilt terminals are included for simple connection with ESC. The motor operates with stable performance, high efficiency and low power consumption. The motors will provide many hours of smooth, reliable, quiet, and efficient flying.
  2. These new brushless motors are designed with a new radiator system which efficiently decreases the temperature cause from load operation. Through the fan, the freezing air and hot air circulated ceaselessly in the rotor which keeps a stable temperature for the motor effectively.
  3. The motors feature High-speed ball bearings, powerful magnetic outrunner rotor. These high-torque, high-speed, brushless motors are suitable for RC electronic products. The features of high efficiency output, low wear-resisting, and light weight are suitable for electronic car airplane / helicopters which require high-torque and high-speed power systems.
- We recommend using one of our perfectly mated Brushless Speed Controllers, such as (ESKY) or other brushless electronic speed controllers available on the market.
  - Rotor is constructed with very powerful Ndfeb Magnets. The stator is coiled by our NC auto winding machine, formed and protected with high strength resin for heat resistance and low vibration. The spindle is designed with Hardened Stainless Steel and a double ZZ high speed bearing. Additionally, this high performance brushless AC motor is custom developed by TWF technology specifically for RC model use. These motors provide long lasting, high efficiency, impact-resistance, low magnetic loss.
  - These new products have passed various thorough inspections made by our technical department, including motive testing, static testing, magnetic field testing, heat resistance and magnetic loss testing, running balance and vibration testing, noise testing, and many hours of actual loading and flying testing, etc. TWF HOBBY is proud to provide the latest innovations in RC Modeling to its customers. Please enjoy your TWF HOBBY products safely.