

Dane aktualne na dzień: 26-04-2024 17:42

Link do produktu: <https://dronexpert.eu/silnik-brother-hobby-avenger-2810-p-15280.html>

Silnik Brother Hobby Avenger 2810



Cena brutto	143,51 zł
Cena netto	116,67 zł
Cena poprzednia	163,31 zł
Dostępność	Aktualnie niedostępny
Kod producenta	BH97
Producent	Brother Hobby

Opis produktu

Specifications

KV: 900KV/1180KV/1350KV/1500KV

Base casing: Al 7075

Stator: 0.2mm Kawasaki silicon steel

Configuration: 12N14P

Prop Adapter Shaft Thread: M5

Shaft: Titanium Alloy hollow shaft

No. of Cells(Lipo): 4-6S

Bolt Pattern: M3 (19X19mm)

Bearings: Japanese NMB 12X6X4 **Rotor:** N52H arc magnets

Weight: 65g with 25cm SR wires

Wire AWG: 18AWG 25cm length

Bell cap: Al 7075

Produkt posiada dodatkowe opcje:

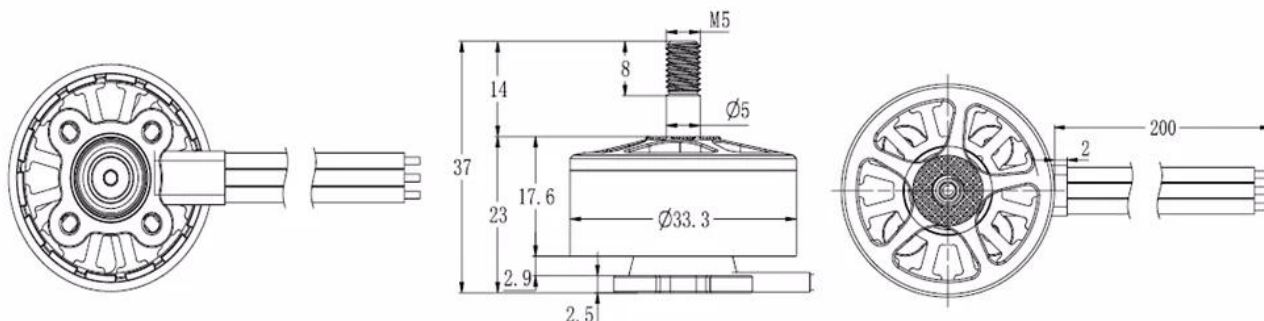
KV: 1180 KV , 1350 KV , 1500 KV , 900 KV

Test Report

Avenger 2810 Test Report

Tester:	Kang Xu	Auditor:	Melo Lee	Date:	2019/8/3	Test Report:	2810BN2019080305
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Drawing



Specification

KV	1180KV	Configuration	12N14P
Stator Dimension (mm)	28	Stator Height (mm)	10
AWG	18#,250mm Length	Motor Dimension (mm)	Φ33.3×37
Weight Including Cable (g)	63.00	Magnet	N52H
Internal Resistance(mΩ)	63.56	Idle Current@10V (A)	1.0A
No. of Cells(Lipo) (S)	6S	ESC	6S 45A
Max power (W)	1030.95	Propeller	7inch
Max Current (A)	43.50	Hipot test@500V AC	PASS
Dynamic balance requirement standards	≤6mg	Impluse winding test	PASS

Load Test Data

Item No.	Prop (inch)	Throttle (%)	Voltage (V)	Current (A)	RPM	Thrust (gf)	Input Power (W)	Thrust efficiency (G/W)	Temperature (°C)
2810 1180KV	HQ 7*4*3 Triblade	30	24.0	2.6	7808	293	62.40	4.70	The inside of motor copper wire: 104.7°C The surface of motor: 53.4°C (Ambient temperature is 29.8°C)
		40	24.0	4.3	9440	437	103.20	4.23	
		50	24.0	6.7	11054	626	160.80	3.89	
		60	24.0	11.2	13322	961	268.80	3.58	
		70	23.9	17.3	15379	1342	413.47	3.25	
		80	23.8	26.7	17706	1807	635.46	2.84	
		90	23.8	36.0	19318	2193	856.80	2.56	
		100	23.7	43.5	19769	2339	1030.95	2.27	

The temperature is motor inside copper wire temperature @ 100% throttle running 1 mins.
 The test base on 2018 BrotherHobby bench for reference only.