



MADE IN INDIA 



RD 2810

FPV Drone Motor



Specifications

Product name	RD 2810 FPV DRONE MOTOR
Country of Origin	India
Motor Type	Outrunner
KV Rating	1250 KV
Maximum Thrust	2 KG
Maximum Power	1237 W
Peak Current	61.65A
Weight (Incl. Wire)	82 grams
Voltage Range	24V , 6S LiPO
Motor Size	Ø34mm x 48 mm
Stator Size	Ø28 mm x 10 mm
Cable Length	100 mm
Cable Type	16 AWG
Magnet Temperature Rating	150 °C
Shaft Diameter	Ø5 mm
Winding Material	100% Copper
IP Rating	Ip34
Maximum Operating Temperature	60 °C
Recommended Propeller	RD 8040
Production Status	Production

Note : MAXIMUM THRUST MAY DEPEND ON BATTERY LEVEL , PROPELLER TYPE , AIR PRESSURE AND OTHER CONDITIONS.

Recommendations :

Recommended Propeller: RD 8040

Recommended ESC: RD D-Pro ESC 2S-6S 40A



RD 2810

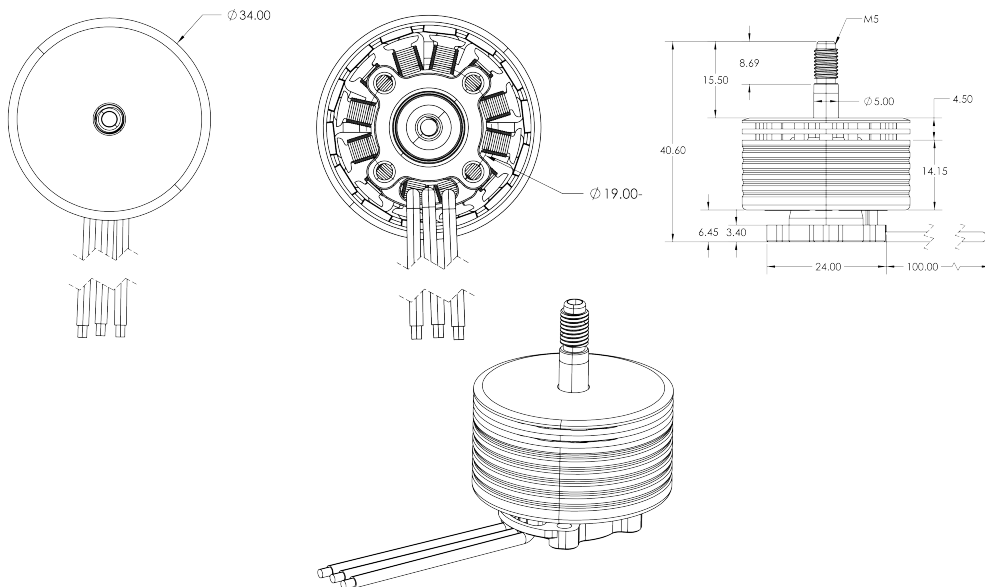


RD 2810 FPV Drone Motor

- The RD 2810 is a high-performance outrunner motor optimized for FPV drones.
- It delivers smooth throttle response, high efficiency, and reliable power for agile flight.
- Lightweight yet robust, it's ideal for 4S-6S LiPo setups, offering precise control and consistent thrust.

PRODUCT DRAWING

Note: All dimensions in mm



MOTOR : RD 2810 FPV
ESC : RD D-Pro ESC , 2S-6S , 40A
Propeller : RD 8040
Power Source : 6S LiPO

ESC	RD D-Pro ESC, 40A		Power Supply		6S LiPo	
Motor	RD-MI-2810		Propeller		8040	
Throttle %	Servo	Current (A)	Power (W)	RPM	Thrust	Efficiency (g/w)
10	1445	2	48	6162	250	5.2
20	1542	4	96	7814	400	4.2
30	1622	6	144	8849	563	3.9
40	1695	8	192	9735	684	3.6
50	1758	10	240	10553	805	3.4
60	1821	12	288	11171	903	3.1
70	1875	14	336	11755	968	2.9
80	1967	16	384	12160	1068	2.8

NOTE : Performance data tested at approximately 35°C and 123m above sea level in Lucknow, India.

- Ambient Temperature : Approximately 35°C.
- Altitude: 123 meters above sea level (Lucknow, India)