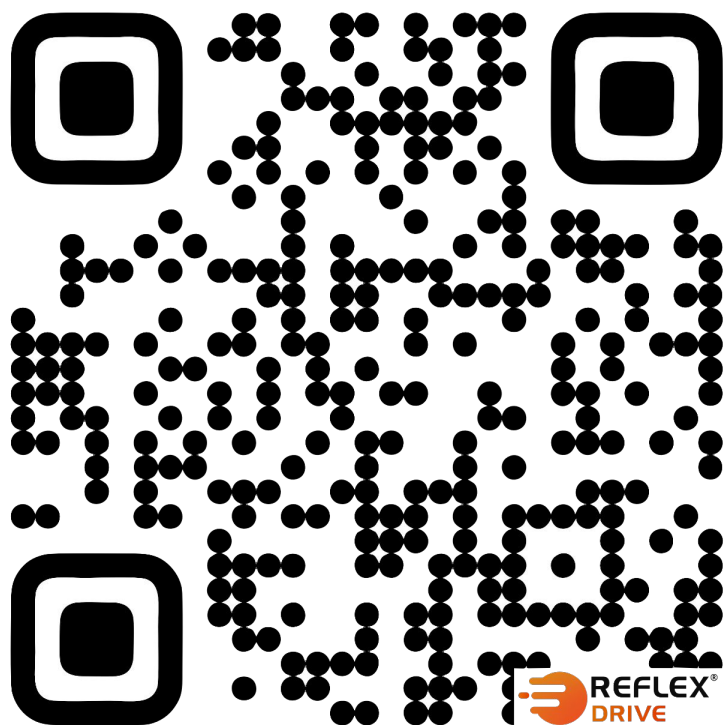




MADE IN INDIA 



RD 3510

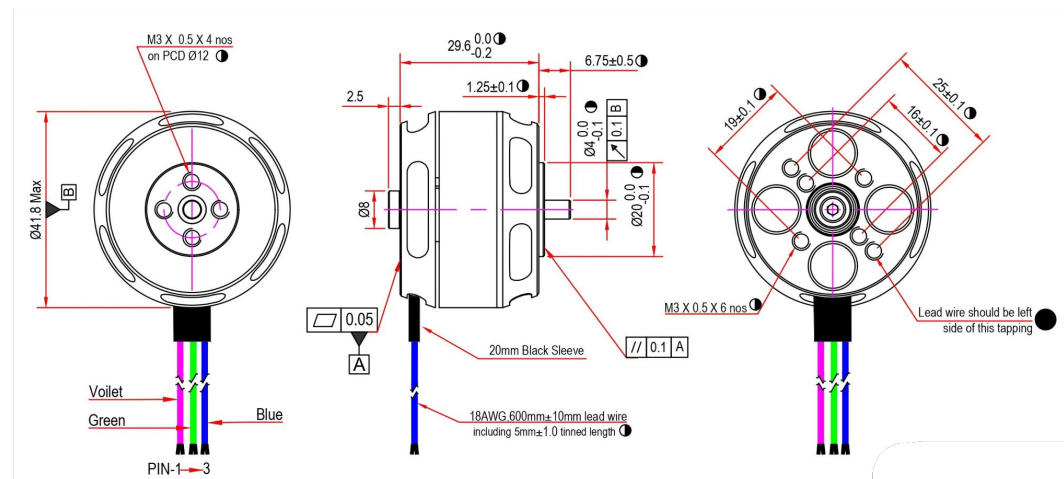
Drone Motor





PRODUCT DRAWING

Note: All dimensions in mm



Specifications

Product name	RD 3510 DRONE MOTOR
Country of Origin	India
Max Thrust	2578 gf
Voltage range	4S
Total weight	130 g
Stator configuration	12N-14P
Kv rating	700 kv
Motor Size	Ø41.8 x 29.6 mm
Max continuous power (180s)	500 W/18V (4s LiPo)
Peak current	30 A
Idle current (@20V)	0.95 A
Internal resistance	54mΩ

Description :

RD3510 is a mini drone motor designed for maximum efficiency and power. It has a KV rating of 700 KV and a maximum thrust of 2578 gf, making it perfect for quick aerial manoeuvres. It has a rated voltage of 4S, which makes it compatible with a wide range of drone models.

Our lightweight BLDC drone motor weighs just 130 g to ensure the optimal flight performance of a drone. The compact size makes it easy to install on any drone model and makes it durable to endure all weather conditions.

Applications :

Agriculture, Delivery, Defence, Surveillance, Mapping, Cinematography

Motor : RD3510
Propeller : 14"x4.8"
Total weight : 130g
Voltage range : 4S

Performance Test

Throttle	Voltage (V)	Current (A)	Power (W)	RPM	Thrust (gf)	Efficiency (g/w)
40%	17.89	5.51	98.59	4939	852.89	8.65
45%	17.88	6.31	112.72	5203	938.49	8.33
50%	17.85	7.97	142.26	5610	1104.56	7.77
55%	17.81	9.75	173.74	5979	1259.61	7.25
60%	17.78	11.50	204.40	6274	1405.19	6.88
65%	17.75	13.37	237.21	6567	1551.36	6.54
70%	17.71	15.55	275.36	6898	1704.74	6.19
75%	17.67	17.86	315.55	7196	1853.62	5.88
80%	17.64	19.47	343.42	7372	1961.50	5.71
90%	17.54	24.75	433.97	7880	2273.74	5.24
100%	17.42	30.99	539.85	8401	2578.05	4.78