

BJA3(5008)-Drone Motor

Specifications



Technical Parameters

Max Thrust	3.5 Kgf
Recommended Battery	4-6S
Recommended Take off Weight	1-1.2 Kg
Total Weight	136 g
Lead Wire Length	100 mm

ESC

Reflex Drive D Series
(40A 2S - 6S)

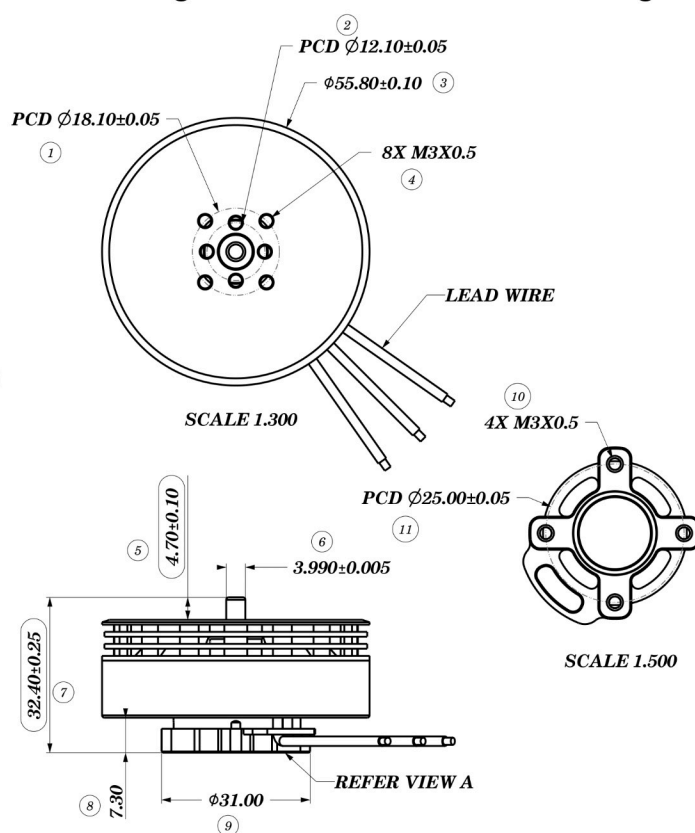
Propeller

Diameter X Thread Pitch	R1760
Total Weight	40 g

Motor

Stator Size	Ø50 X 08 mm
KV Rating	340 KV
Motor Size	Ø55.8 X 32.4 mm
Max Power	760 W
Peak Current	35 A

Load Performance Parameters



Performance Test											
Model	ESC	Propeller	Power Source	Voltage (V)	Throttle % (800-2000)	Servo	Power (W) O/L	Current (A) O/L	RPM O/L	Thrust (g)	Efficiency (g/w)
BJA3 340KV (5008)	Reflex Drive D series (40A 2S-6S)	R1760	DC Supply (24V-DC)	24	48	1378	48	2.0	2535	1378	28.7
					57	1485	96	4.0	3297	1485	15.5
					62	1542	144	6.0	3735	1542	10.7
					66	1595	192	8.0	1750	1595	8.3
					70	1642	240	10.0	4387	1642	6.8
					74	1692	288	12.0	4705	1692	5.9
					78	1735	336	14.0	4935	1735	5.2
					81	1776	384	16.0	5135	1776	4.6
					84	1812	432	18.0	5364	1812	4.2
					88	1852	480	20.0	5558	1852	3.9
					92	1903	528	22.0	5874	1903	3.6
					93	1910	598	24.9	5878	1910	3.2

The above bench test data are for reference only and tested at ambient room temperature at MSL. Actual data might vary based on environmental and field conditions.



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