

BTW2(4006)-Drone Motor

Specifications



Technical Parameters

Max Thrust	2 Kgf
Recommended Battery	6S
Recommended Take off Weight	1-1.2 Kg
Total Weight	84 g
Lead Wire Length	100 mm

ESC

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

Propeller

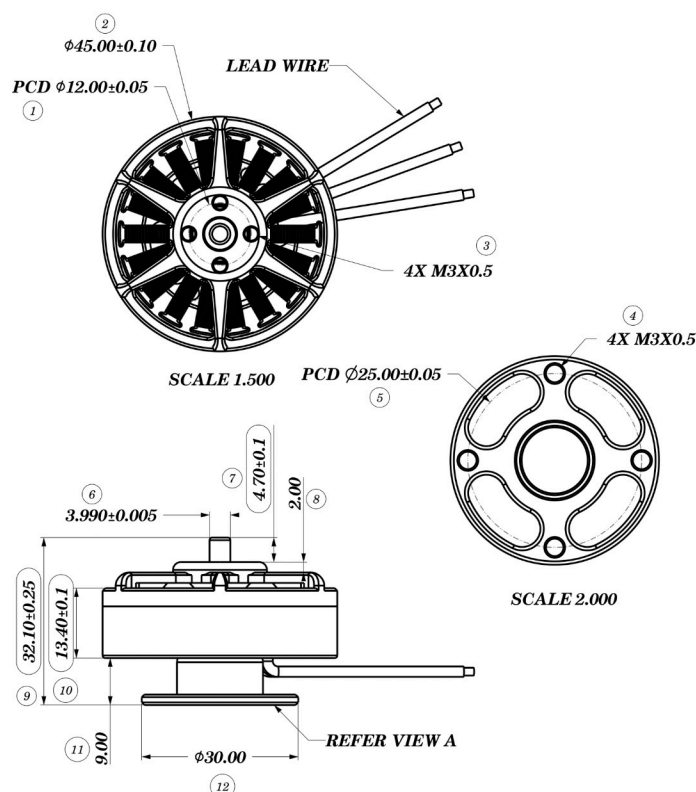
Diameter X Thread Pitch R1552

Total Weight 27 g

Motor

Stator Size	Ø40 X 06 mm
KV Rating	380 KV
Motor Size	Ø45 X 32.10 mm
Max Power	380 W
Peak Current	16 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)
BTW2 380KV (4006)	Reflex Drive D series (40A 2S-6S)	R1552	DC Supply (24V-DC)	24	48	1372	24	1.0	2678	364	15.2
					56	1469	48	2.0	3453	592	12.3
					61	1536	72	3.0	4001	813	11.3
					65	1581	96	4.0	4389	973	10.1
					69	1627	120	5.0	4655	1100	9.2
					73	1671	144	6.0	4924	1229	8.5
					76	1713	168	7.0	5214	1352	8.0
					79	1749	192	8.0	5414	1510	7.9
					82	1782	216	9.0	5608	1664	7.7
					85	1818	240	10.0	5784	1715	7.1
					88	1855	264	11.0	5980	1833	6.9
					91	1886	288	12.0	6116	1919	6.7
					92	1900	312	13.0	6297	2025	6.5

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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