





材料は日本及び台湾より供給
製造は台湾で仕上がり

高品質材料、性能と耐久性

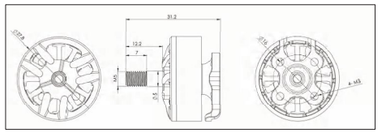
プロペラロック緩み回避向上

ベース接触面増加
ロックの安定化

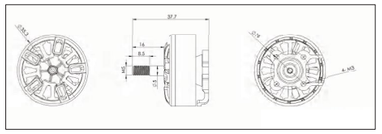
EZOベアリング増強
飛行円滑化

高効率、チタン合金シャフト
安定パワーと制御力によるスムーズで適切な飛行

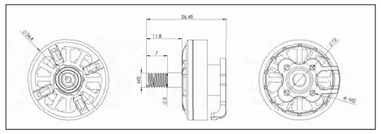
チタン合金採用により
軽量化と強靭性



2307



3008



2203.5

2307
KV1800



Weight	35.5g	Max. Current	55.5A
Dimensions	Φ27.8x29.8	Max. Power	1354W
Voltage Range	5~6S	Max. RPM	35000rpm
Slots / Poles	12N14P	Max. Thrust	2030g
No-load Current	1.49A		

2203.5
KV1500



Weight	17.9g	Max. Current	19.50A
Dimensions	Φ26.8x26.5	Max. Power	462W
Voltage Range	4~6S	Max. RPM	33000rpm
Slots / Poles	12N14P	Max. Thrust	950g
No-load Current	0.30A		

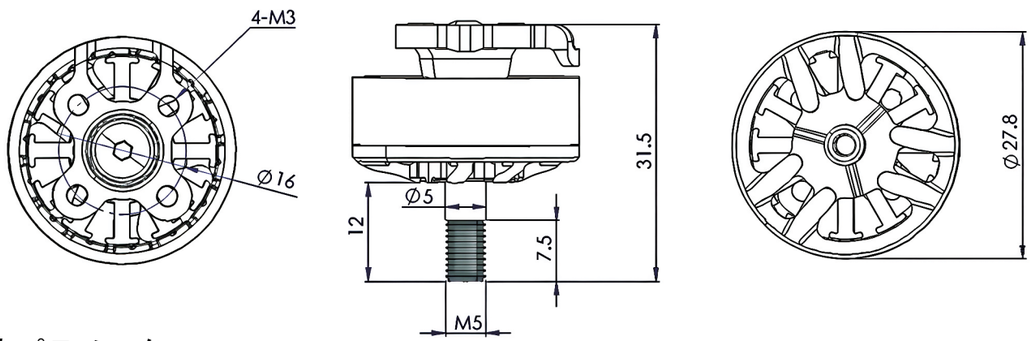


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BLDC MOTOR FOR DRONE
・MADE IN TAIWAN・

2307

エンジニアリング図面



基本パラメータ

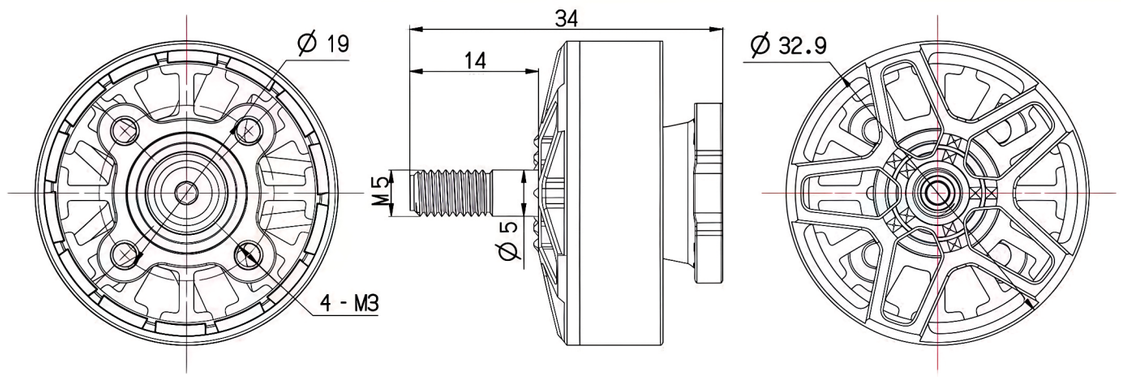
KV Value	1800	Inter Phase Internal Resistance	61mΩ
Slots / Poles	12N14P	Working Voltage	4~6s
Shaft Diameter	5mm	No-load Current	1.15A
Silicone Wire	18#260mm	Maximum Power	961W
Motor Weight	34g	Maximum Current	38.34A

テストデータ

Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
T5143S	1800KV	30%	25.19	3.05	186.16	13947	76.8	2.4	The internal temperature of the motor is 65° C (Environmental temperature 25° C)
		40%	25.18	5.15	293.74	17014	129.8	2.3	
		50%	25.17	8.14	432.23	20173	205.0	2.1	
		60%	25.16	12.31	585.50	23161	309.8	1.9	
		70%	25.15	17.50	762.95	26314	440.2	1.7	
		80%	25.13	24.32	945.32	29037	611.0	1.5	
		90%	25.10	31.47	1114.37	31236	790.1	1.4	
		100%	25.08	38.34	1250.79	32800	961.6	1.3	

2807

エンジニアリング図面



基本パラメータ

KV Value	1300	Inter Phase Internal Resistance	71mΩ
Slots / Poles	12N14P	Working Voltage	6s
Shaft Diameter	5mm	No-load Current	0.96A
Silicone Wire	18#260mm	Maximum Power	920W
Motor Weight	52.2g	Maximum Current	39.34A

テストデータ

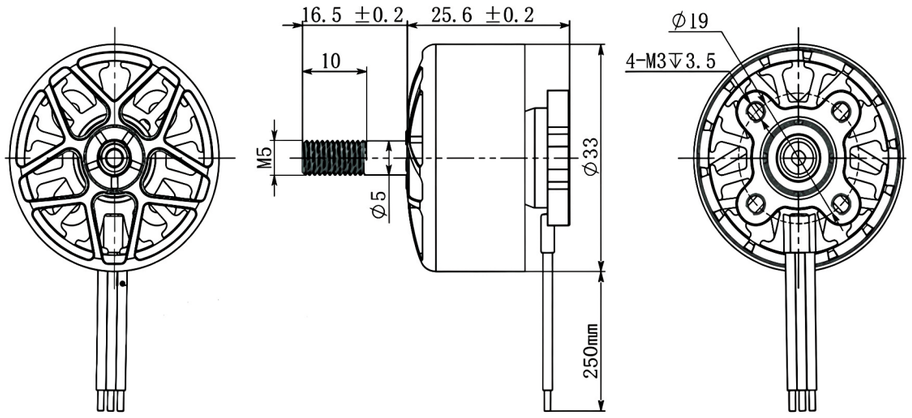
Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
HQ 7x3.5x3	1300KV	30%	24.05	2.05	266.30	7742	49.3	5.4	The internal temperature of the motor is 75° C (Environmental temperature 25° C)
		40%	24.02	3.87	425.20	9601	92.9	4.5	
		50%	23.95	6.90	658.50	11735	165.2	3.9	
		60%	23.90	11.61	982.80	14070	277.4	3.5	
		70%	23.78	17.53	1355.30	16295	416.8	3.2	
		80%	23.69	24.86	1693.00	18086	588.9	2.8	
		90%	23.54	31.07	1984.20	19803	731.3	2.7	
		100%	23.39	39.34	2305.70	21071	920.1	2.5	

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BLDC MOTOR FOR DRONE
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2812

エンジニアリング図面wing



基本パラメータ

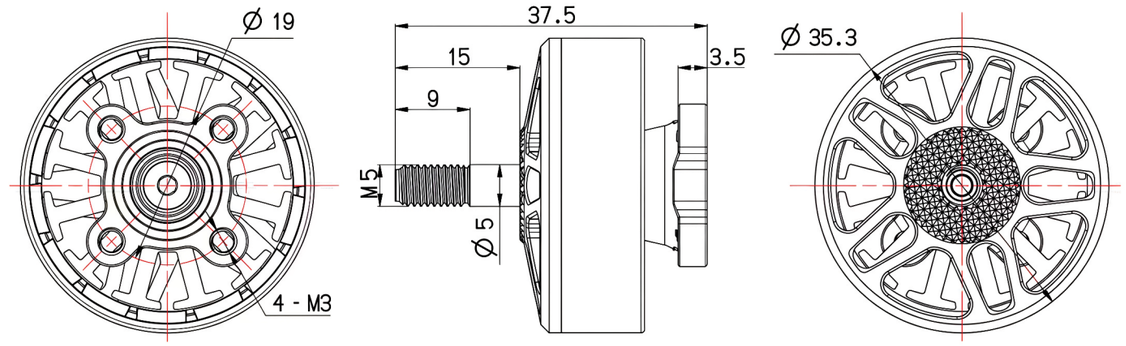
KV Value	900	Inter Phase Internal Resistance	57.0mΩ
Slots / Poles	12N14P	Working Voltage	4~6s
Shaft Diameter	5mm	No-load Current	1.30A
Silicone Wire	18#260mm	Maximum Power	957W
Motor Weight	76.0g	Maximum Current	40.32A

テストデータ

Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
HQ 9x4.5	900KV	30%	24.00	2.56	477.96	6290	61.44	7.7	The internal temperature of the motor is 65° C (Environmental temperature 25° C)
		40%	23.98	5.81	824.72	8266	139.3	5.9	
		50%	23.94	10.49	1220.16	10059	251.1	4.8	
		60%	23.90	15.83	1625.27	11642	378.3	4.3	
		70%	23.86	22.40	2039.97	13094	534.3	3.8	
		80%	23.81	29.82	2458.83	14411	710.0	3.4	
		90%	23.73	39.47	2945.74	15549	936.5	3.1	
		100%	23.73	40.32	2971.70	15616	956.7	3.1	

3008

エンジニアリング図面



基本パラメータ

KV Value	1250	Inter Phase Internal Resistance	50mΩ
Slots / Poles	12N14P	Working Voltage	6s
Shaft Diameter	5mm	No-load Current	1.15A
Silicone Wire	18#240mm	Maximum Power	2879W
Motor Weight	66.4g	Maximum Current	52.30A

テストデータ

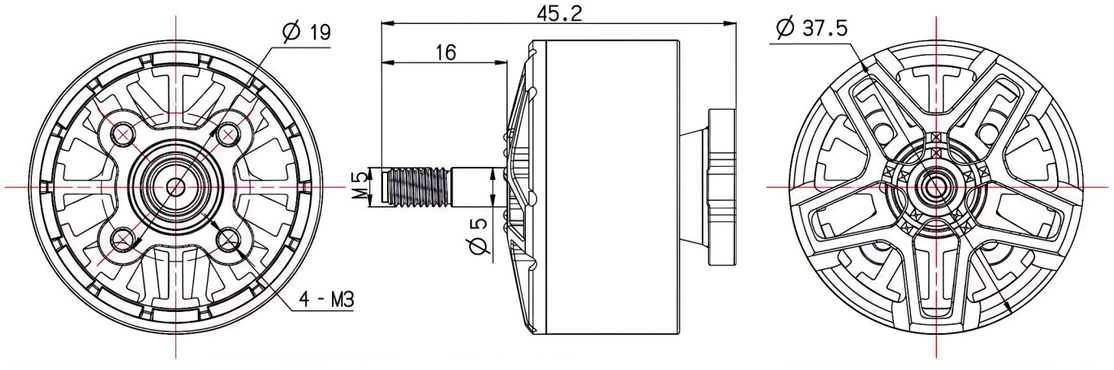
Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
GF 8041F	1250KV	30%	21.94	3.09	421.40	6789	421.6	6.2	The internal temperature of the motor is 78° C (Environmental temperature 25° C)
		40%	21.88	5.62	676.80	8520	676.2	5.5	
		50%	21.84	10.27	1010.50	10420	1010.1	4.5	
		60%	21.73	15.84	1354.60	12134	1354.6	3.9	
		70%	21.62	22.83	1748.50	13753	1748.3	3.5	
		80%	21.47	31.30	2145.80	15249	2145.3	3.1	
		90%	21.31	40.99	2513.70	16451	2513.2	2.8	
		100%	21.23	52.30	2879.20	17639	2879.7	2.5	

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BLDC MOTOR FOR DRONE
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3115

エンジニアリング図面



基本パラメータ

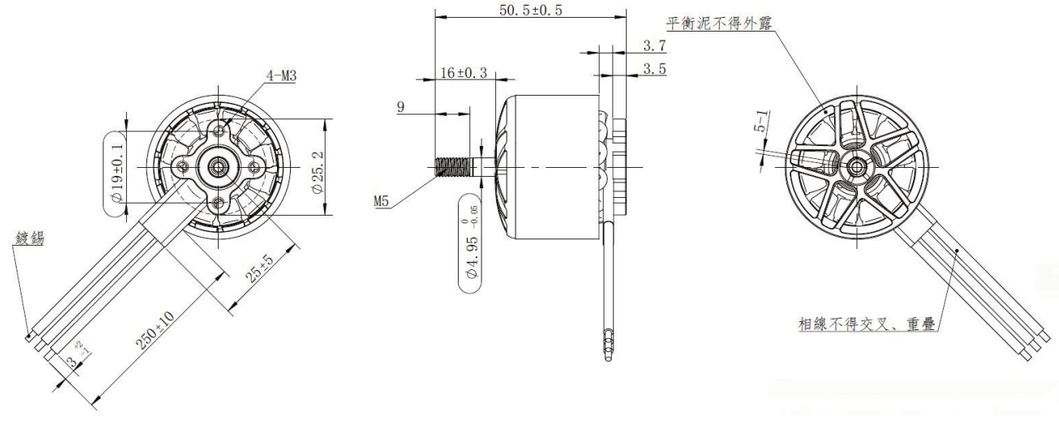
KV Value	900	Inter Phase Internal Resistance	44mΩ
Slots / Poles	12N14P	Working Voltage	6s
Shaft Diameter	5mm	No-load Current	1.42A
Silicone Wire	18#260mm	Maximum Power	1720W
Motor Weight	108.7g	Maximum Current	68.83A

テストデータ

Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
HQ 9x5x3	900KV	30%	25.18	4.25	631.36	6434	107.0	5.9	The internal temperature of the motor is 75° C (Environmental temperature 25° C)
		40%	25.17	8.99	1055.27	8155	226.4	4.7	
		50%	25.15	15.09	1508.85	9637	379.6	4.0	
		60%	25.13	22.46	2021.46	11064	564.4	3.6	
		70%	25.10	32.72	2576.66	12384	821.1	3.1	
		80%	25.06	43.92	3087.03	13470	1100.8	2.8	
		90%	25.03	56.52	3591.36	14458	1414.8	2.5	
		100%	24.99	68.83	4026.76	15165	1720.0	2.3	

3120

エンジニアリング図面



基本パラメータ

KV Value	700	Inter Phase Internal Resistance	38.0mΩ
Slots / Poles	12N14P	Working Voltage	6s
Shaft Diameter	5mm	No-load Current	2.00A
Silicone Wire	18#260mm	Maximum Power	1595W
Motor Weight	135.0g	Maximum Current	63.25A

テストデータ

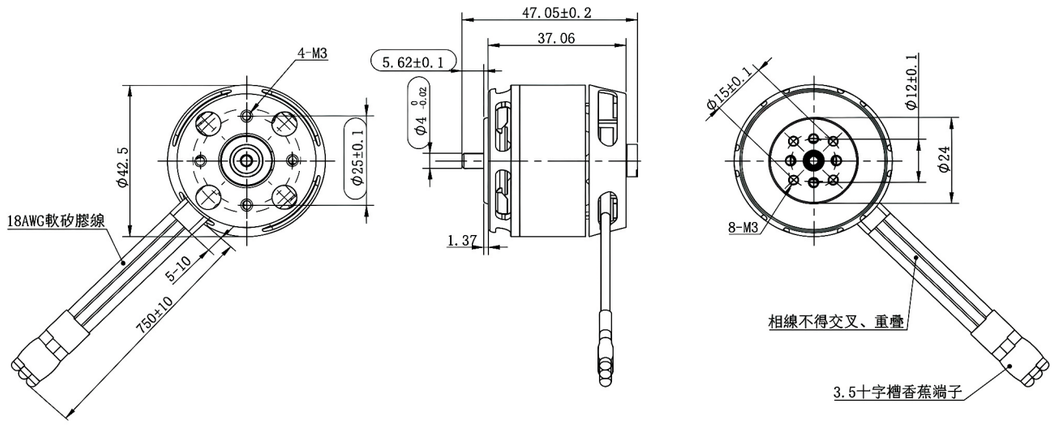
Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Efficiency (g/W)	Temperature (° C)
1050	700KV	30%	25.4	2.87	543	4929	73.0	7.4	The internal temperature of the motor is 48° C (Environmental temperature 25° C)
		40%	25.39	5.63	918	6270	143.0	6.4	
		50%	25.38	10.31	1422	7743	261.7	5.4	
		60%	25.36	16.60	1960	9046	421.1	4.6	
		70%	25.33	24.27	2536	10227	615.0	4.1	
		80%	25.30	34.70	3142	11397	878.2	3.5	
		90%	25.26	47.32	3812	12538	1195.6	3.1	
		100%	25.22	63.25	4473	13592	1595.3	2.8	

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BLDC MOTOR FOR DRONE
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3515-F

エンジニアリング図面



基本パラメータ

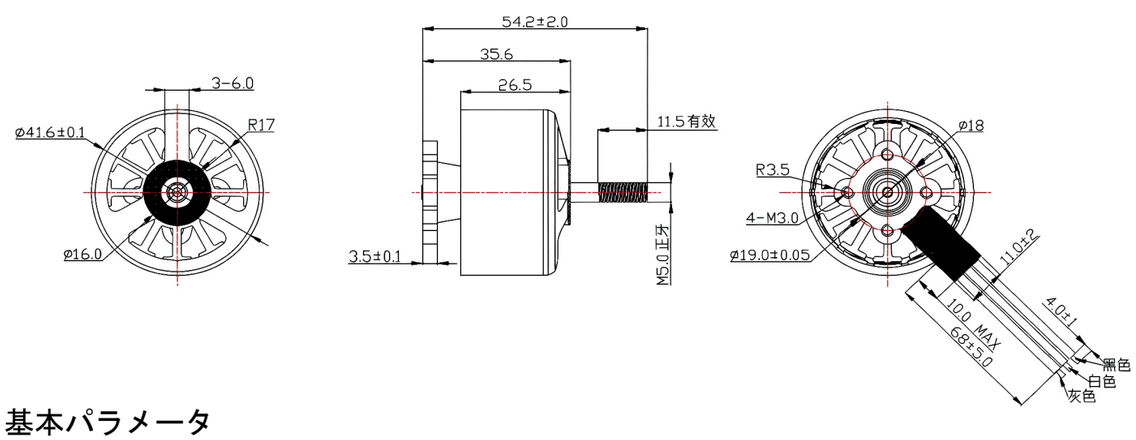
KV Value	380	Inter Phase Internal Resistance	127.4mΩ
Slots / Poles	12N14P	Working Voltage	3~6s
Shaft Diameter	5mm	No-load Current	1.07A
Silicone Wire	18#260mm	Maximum Power	389W
Motor Weight	189.0g	Maximum Current	23.05A

テストデータ

Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
CF P16x5.4	400KV	30%	22.20	1.42	476.74	2627	31.5	15.1	The internal temperature of the motor is 65° C (Environmental temperature 25° C)
		40%	22.19	2.60	713.37	3214	57.7	12.4	
		50%	22.19	4.02	952.17	3739	71.7	10.7	
		60%	22.18	6.37	1311.83	4375	114.5	9.3	
		70%	22.17	10.42	1811.34	5124	185.7	7.8	
		80%	22.16	13.94	2224.45	5659	252.5	7.2	
		90%	22.16	19.01	2648.06	6177	324.7	6.3	
		100%	22.15	23.05	2996.37	6566	389.2	5.9	

3517

エンジニアリング図面



基本パラメータ

KV Value	760	Inter Phase Internal Resistance	35.0mΩ
Slots / Poles	12N14P	Working Voltage	4~6s
Shaft Diameter	5mm	No-load Current	3.50A
Silicone Wire	18#260mm	Maximum Power	2042W
Motor Weight	180.0g	Maximum Current	85.10A

テストデータ

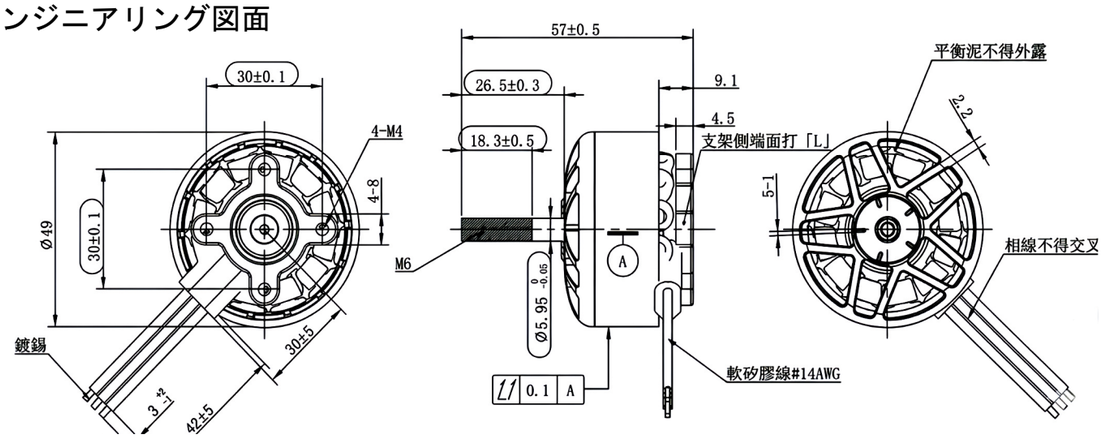
Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
12x6E	760KV	30%	22.20	4.05	805.62	5300	97.2	8.2	The internal temperature of the motor is 65° C (Environmental temperature 25° C)
		40%	22.19	7.82	1310.26	6695	187.7	6.9	
		50%	22.19	14.10	1990.63	8105	338.4	5.8	
		60%	22.18	22.34	2610.67	9420	536.1	4.8	
		70%	22.18	33.41	3405.85	10700	801.8	4.2	
		80%	22.17	48.00	4260.02	11933	1152.1	3.7	
		90%	22.16	66.85	5200.10	13050	1604.4	3.2	
		100%	22.15	85.10	5915.03	13710	2042.4	2.9	

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4315

エンジニアリング図面



基本パラメータ

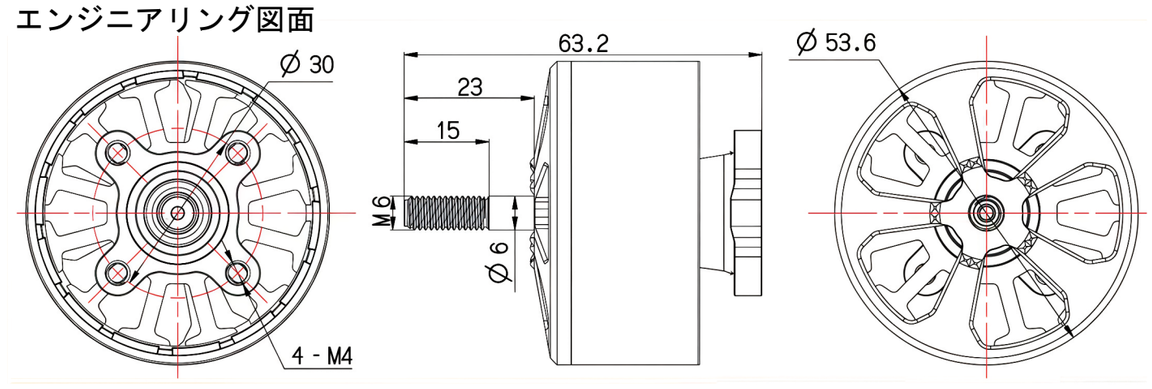
KV Value	380	Inter Phase Internal Resistance	36.00Mω
Slots / Poles	12N14P	Working Voltage	8s
Shaft Diameter	5mm	No-load Current	1.50A
Silicone Wire	14#42mm	Maximum Power	1977W
Motor Weight	230.0g	Maximum Current	62.47A

テストデータ

Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
1507	380KV	30%	33.55	1.38	484.94	3486	46.3	10.4	The internal temperature of the motor is 71° C (Environmental temperature 25° C)
		40%	33.46	4.12	1133.40	4538	137.6	8.2	
		50%	33.32	8.47	1829.98	5611	282.0	6.4	
		60%	33.07	15.94	2755.68	6684	527.1	5.2	
		70%	32.76	25.45	3656.91	7667	833.8	4.3	
		80%	32.41	37.26	4523.77	8686	1207.4	3.7	
		90%	32.00	50.86	5308.06	9454	1627.3	3.2	
		100%	31.64	62.47	5754.62	10132	1976.6	2.9	

4720

エンジニアリング図面



基本パラメータ

KV Value	470	Inter Phase Internal Resistance	29mΩ
Slots / Poles	12N14P	Working Voltage	8s
Shaft Diameter	6mm	No-load Current	2.35A
Silicone Wire	14#600mm	Maximum Power	3435W
Motor Weight	332.8g	Maximum Current	116.70A

テストデータ

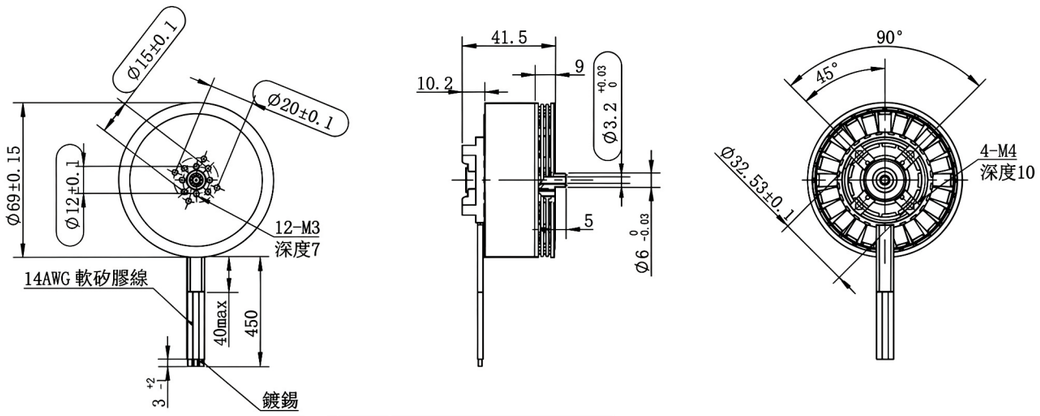
Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
GF 1507	470KV	30%	31.96	4.00	1078.16	2991	134.4	8.0	The internal temperature of the motor is 75° C (Environmental temperature 25° C)
		40%	31.88	10.24	2017.25	4091	344.1	5.8	
		50%	31.78	19.22	3147.17	5142	624.1	5.0	
		60%	31.64	35.09	4627.82	6180	1123.4	4.1	
		70%	31.45	54.29	5871.48	6979	1708.1	3.4	
		80%	31.20	76.94	6853.03	7637	2369.1	2.8	
		90%	30.89	101.51	7610.36	8081	3047.3	2.5	
		100%	30.76	116.70	7888.27	8220	3435.5	2.3	

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6218-F

エンジニアリング図面



基本パラメータ

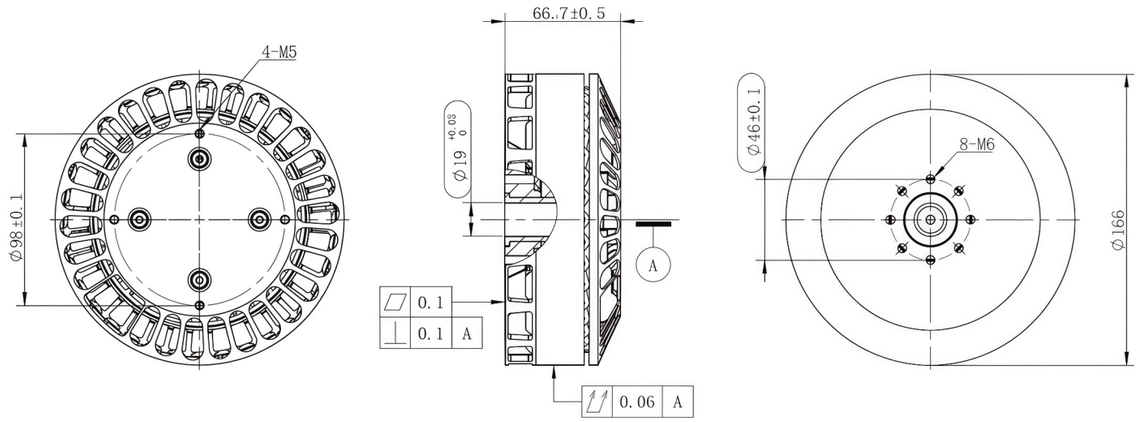
KV Value	200	Inter Phase Internal Resistance	55.5mΩ
Slots / Poles	24N28P	Working Voltage	12s
Shaft Diamete	6mm	No-load Current	1.50A
Silicone Wire	14#450mm	Maximum Power	1620W
Motor Weight	414.0g	Maximum Curren	32.64A

テストデータ

Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
1865	200KV	30%	50.45	0.98	371.42	2084	49.5	7.5	The internal temperature of the motor is 73° C (Environmental temperature 25° C)
		40%	50.42	2.19	880.80	3086	110.5	7.9	
		50%	50.36	4.64	1655.55	4148	233.4	7.0	
		60%	50.27	8.11	2745.65	5096	407.4	6.7	
		70%	50.16	12.12	3364.51	5606	608.1	5.5	
		80%	50.03	17.59		6023	879.9	5.3	
		90%	49.79	26.28	6609.32	6350	1308.4	5.0	
		100%	49.62	32.64	7285.48	6893	1619.8	4.5	

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エンジニアリング図面



基本パラメータ

KV Value	45	Inter Phase Internal Resistance	21.0mΩ
Slots / Poles	36N42P	Working Voltage	18s
Shaft Diameter	19mm	No-load Current	1.50A
Silicone Wire	7#250mm	Maximum Power	15103W
Motor Weight	2340.0g	Maximum Curren	228.5A

テストデータ

Propeller	KV	Throttle	Voltage (V)	Current (A)	Pull (g)	Speed (RPM)	Power (W)	Power effect (g/W)	Temperature (° C)
6324	45KV	30%	69.37	11.57	11313	900	802.6	14.1	The internal temperature of the motor is 65° C (Environmental temperature 25° C)
		40%	69.22	29.65	21033	1228	2052.3	10.3	
		50%	68.97	55.13	32108	1492	3802.3	8.4	
		60%	68.75	85.65	42501	1709	5888.4	7.2	
		70%	68.37	116.49	51401	1892	7964.4	6.5	
		80%	67.75	154.87	59661	2046	10492.4	5.7	
		90%	67.02	187.01	67542	2131	12533.4	5.4	
		100%	66.10	228.50	74500	2185	15103.8	4.9	

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