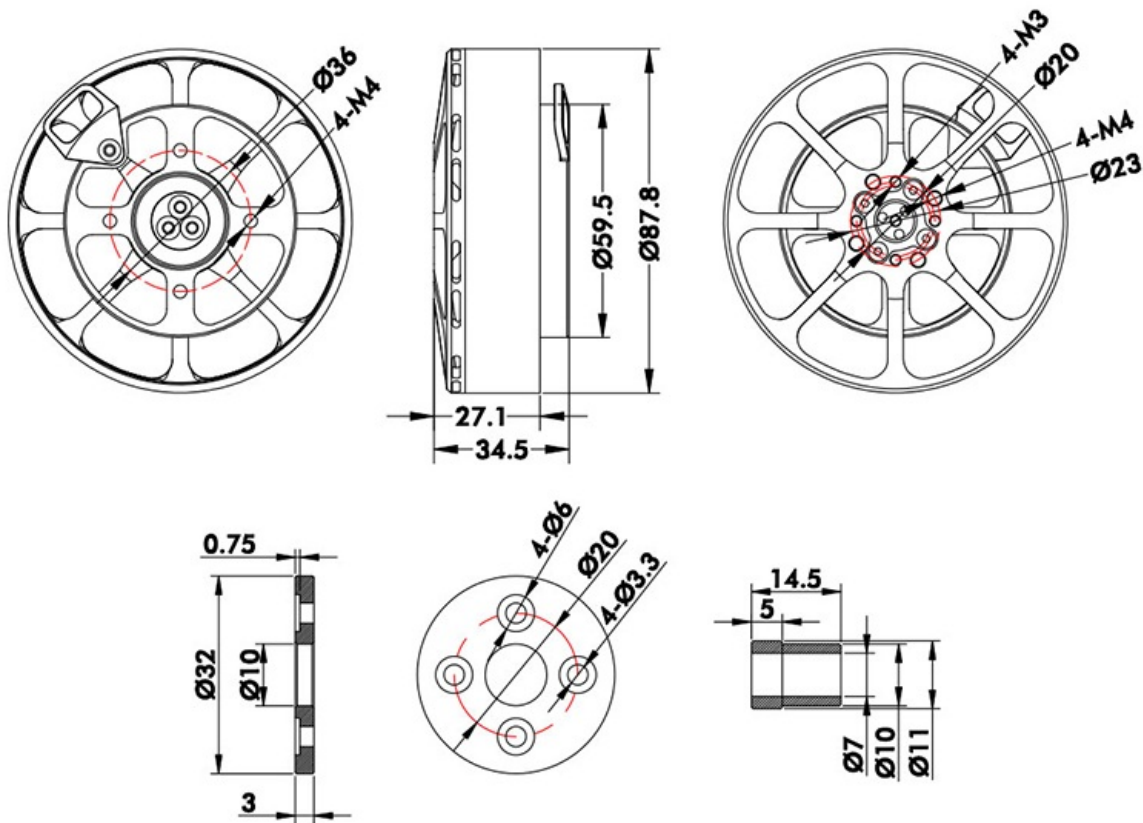




Specification

Motor Size	Φ87.8*34.5mm	Magnet Level	180°C high temperature resistance	
Stator	Anti-rust treatment; 180°C high temperature-resisting coatings	Lead	90mm	
Configuration	36N42P	Copper Wire	220°C high temperature resistance	
Shaft Diameter	IN : 12mm	Coil Insulation Test	1000V/5s	
Bearing	Imported 6901ZZ	Rotor Dynamic Balance Standard	≤15Mg	
KV		120	Rated Voltage(Lipo)	12S
Idle Current (24V)		1.8A	Internal Resistance	45mΩ
Peak Current (180s)		68.6A	Weight (Incl. Cable)	453g
Max. Power (180s)		3180W	Package Weight	665g

Test Data

Type	Propeller	Throttle	Voltage (V)	Thrust (g)	Torque (N*m)	Current (A)	RPM	Power (W)	Efficiency (g/W)	Operating Temperature (°C)
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MN8017 KV120	LIGPOWER G29*9.5”	40%	47.69	2736	0.92	5.12	1881	244	11.21	76°C
		45%	47.63	3651	1.22	7.51	2166	358	10.21	
		50%	47.58	4546	1.49	9.95	2401	473	9.60	
		55%	47.52	5443	1.79	12.87	2620	612	8.90	
		60%	47.44	6470	2.13	16.36	2856	776	8.34	
		65%	47.37	7403	2.42	20.00	3049	947	7.81	
		70%	47.29	8262	2.71	23.68	3215	1120	7.38	
		75%	47.22	9240	3.03	27.89	3397	1317	7.01	
		80%	47.14	10308	3.37	32.57	3571	1535	6.71	
		90%	46.83	12621	4.13	44.24	3927	2072	6.09	
		100%	46.53	15111	4.94	58.28	4268	2711	5.57	
	LIGPOWER G30*10.5”	40%	47.63	3098	1.08	5.86	1846	279	11.09	114°C
		45%	47.43	3952	1.37	8.11	2074	385	10.28	
		50%	47.32	5030	1.73	11.20	2324	530	9.49	
		55%	47.24	6075	2.09	14.62	2543	691	8.80	
		60%	47.24	7168	2.47	18.57	2754	877	8.17	
		65%	47.10	8389	2.90	23.47	2970	1105	7.59	
		70%	47.01	9407	3.24	27.90	3137	1312	7.17	
		75%	46.94	10518	3.62	32.94	3309	1546	6.80	
		80%	46.84	11673	4.02	38.64	3479	1810	6.45	
		90%	46.63	14088	4.86	51.60	3801	2406	5.86	
		100%	46.35	16841	5.80	68.62	4123	3181	5.29	
Note: Motor temperature is motor surface temperature at 100% throttle running 10mins. (Date above based on benchtest are for reference only, comparion with that of other motor types is not recommended.)										

Packing List



Before using this product, please check if all the items listed above are included in the packaging. If there are any missing items, please contact our online customer service or leave message to "onlinesales@ligpower.com" in time.