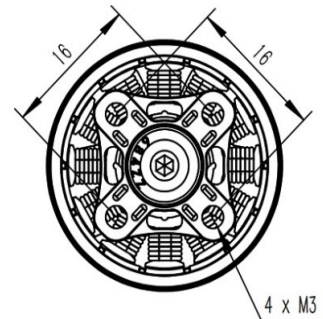
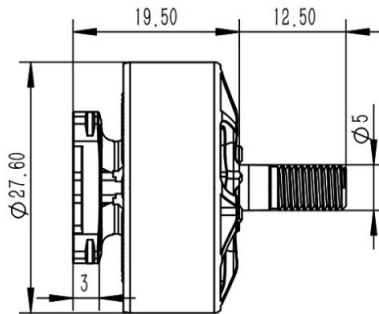


AOS Supernova - 2207 1980KV

Technical Datas

KV	1980
Configu-ration	12N14P
Shaft Diameter	4mm(Hollow)
Motor Dimension(Dia.*Len)	Φ27.6*19.5mm
Weight(g)	31 (2cm Wire)
Idle current(10)@10V(A)	1.1
No.of Cells(Lipo)	5~6S
Max Continuous Power(W) 5S	1456
Internal Resistance	45mΩ
Max Current(5S)	61A
Max.Efficiency Current	(5-11A)>86%



Prop (inch)	Voltages (V)	Throttle (%)	Load Current (A)	Pull(g)	Power(W)	Efficiency(g/W)	Temperature(in full throttle load 5's)
GF5136R	21	50%	10.0	839	210.0	3.995	76℃
		100%	49.6	2184	1041.6	2.097	
	24	50%	11.9	1006	285.6	3.522	84℃
		100%	59.4	2521	1425.6	1.768	
GF51466R	21	50%	10.1	861	212.1	4.059	76℃
		100%	51.0	2278	1071.0	2.127	
	24	50%	12.1	1040	290.4	3.581	84℃
		100%	60.7	2547	1456.8	1.748	
HQ R36	21	50%	9.4	811	197.4	4.108	69℃
		100%	44.7	2025	938.7	2.157	
	24	50%	11.7	997	280.8	3.551	79℃
		100%	54.4	2236	1305.6	1.713	
HQ R38	21	50%	9.8	806	205.8	3.916	75℃
		100%	47.2	1941	991.2	1.958	
	24	50%	12.2	981	292.8	3.350	83℃
		100%	57.7	2279	1384.8	1.646	
DAL T5148.5	21	50%	8.9	759	186.9	4.061	72℃
		100%	43.9	1967	921.9	2.134	
	24	50%	10.4	920	249.6	3.686	80℃
		100%	54.3	2311	1303.2	1.773	
■ Airplane			□ Helicopter			■ Vtol	

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E-Mail: INFO@RCINPOWER.COM