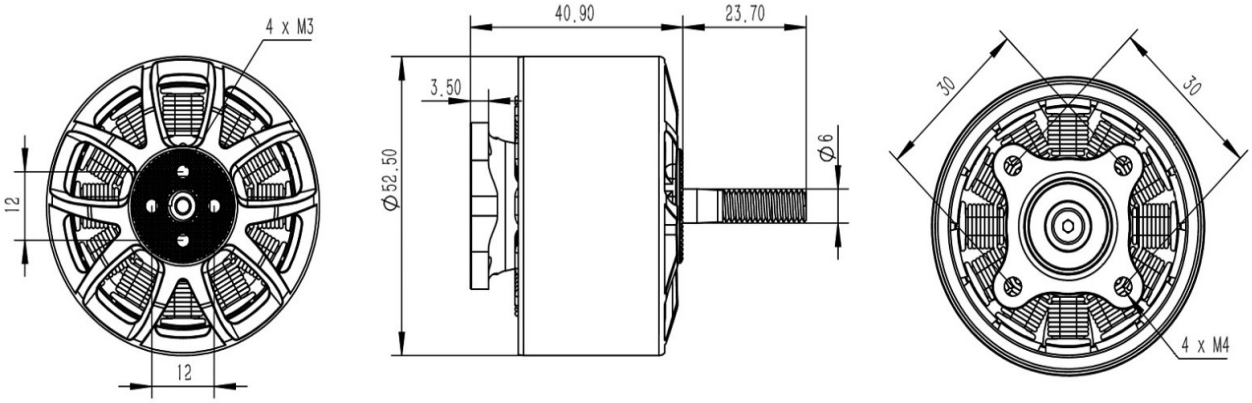
MOTORS：AOS4220-415KV

Technical Datas	
KV	415
Configu-ration	12N14P
Stator Diamter	42
Stator Length	20mm
Shaft Diameter	6mm(Hollow)
Motor Dimension(Dia.*Len)	Φ52.5*40.9mm
Weight(g)	330g(3cm Wire)
Idle current(10)@10V(A)	1.8
No.of Cells(Lipo)	6-8S
Max Continuous Power(W)5S	2780
Internal Resistance	30mΩ
Max Current(5S)	86.9A
Max.Effciency Current	(6-18A)>86%





Prop（inch）	Voltages（V）	Throttle（%）	Load Currency（A）	Pull(g)	Power(W)	Efficiency(g/W)	Temperature(in full throttle load 5Sec)
GF1308*3	32	25%	2.5	731	80.0	9.138	73℃
		50%	7.6	1699	243.2	6.986	
		75%	23.1	3618	739.2	4.894	
		100%	45.2	5726	1446.4	3.959	
GF1310*3	32	25%	2.8	732	89.6	8.170	77℃
		50%	9.5	1803	304.0	5.931	
		75%	29.3	3905	937.6	4.165	
		100%	56.2	5992	1798.4	3.332	
HQ1309*3	32	25%	2.8	746	89.6	8.326	76℃
		50%	9.5	1838	304.0	6.046	
		75%	29.5	4013	944.0	4.251	
		100%	55.3	6078	1769.6	3.435	
HQ15*7*3	32	25%	4.5	1208	144.0	8.389	85℃（Hot）
		50%	16.5	3102	528.0	5.875	
		75%	66.2	6156	2118.4	2.906	
		100%	86.9	8434	2780.8	3.033	
☐Airplane			☐Helicopter			■Vtol	

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E-Mail: INFO@RCINPOWER.COM