



Jetfan-110 PRO

First bench test with VDI - Inlet lip, no thrust tube

06th of May 2016

	Motor		Battery		Parameter of fan								Choice of motor and fan type		Notes	
	Type of motor	Battery	Cells	I [A]	U [V]	WCell	Power Input [KW]	Thrust (lbs)	Thrust (N)	Thrust (Kilo)	Techn. ETA reg. FSA [kg]	Thrust in Kilo per KW	Go	No Go	Type of fan	Temperature range of used motor
	HET 700-98-780	8000 Tattu	10	80.6	37.3	3.73	3010	11.63	52	5.30	62.2	1.76	X	JF-110 PRO	Cool without heat sink	For hotter areas, origin HET-Sink is OK
NEW	HET 700-83-780	Tatu 8000	10	88.7	36.1	3.61	3197	12.24	54	5.55	63.2	1.74	X	JF-110 PRO	Thermal OK with HET sink	New 700-83-Motor from HET, with new KV
	HET 700-98-840	8000 Tattu	10	103.5	37.1	3.71	3033	14.11	63	6.40	65.3	1.67	X	JF-110 PRO	Cool without heat sink	For hotter areas, origin HET-Sink is OK
	HET 700-98-935	8000 Tattu	10	114.0	35.1	3.51	4000	14.44	64	6.55	64.7	1.64	X	JF-110 PRO	Thermal OK with heat sink	For hotter areas, complete heat sink necessary
	HET 700-83-1080	Hacker 5800 2P	10	157.8	34.5	3.45	5451	16.98	76	7.70	60.6	1.41	X	JF-110 PRO	Thermal OK with heat sink	9s Motor, will have 7.5 Kilos at around 145 Amps
NEW	HET 700-83-630	Hacker 5800 2P	12	74.2	46.3	3.91	3483	12.79	57	5.80	62.0	1.67	X	JF-110 PRO	Cool without heat sink	New 700-83-Motor from HET, with new KV
NEW	HET 700-98-670	Hacker 5800 2P	12	74.7	46.4	3.87	3468	13.01	58	5.90	63.9	1.70	X	JF-110 PRO	Cool without heat sink	
	HET 700-98-780	Hacker 5800	12	103.9	45.2	3.76	4630	15.88	71	7.20	63.6	1.54	X	JF-110 PRO	Thermal OK with HET sink	For hotter areas, complete heat sink necessary
NEW	HET 700-83-780	Hacker 5800 2P	12	116.0	44.3	3.74	5209	16.54	74	7.60	60.9	1.44	X	JF-110 PRO	Thermal OK with HET sink	New 700-83-Motor from HET, with new KV
	HET 700-98-840	Hacker 5800 2P	12	141.3	45.0	3.75	6366	18.96	84	8.60	61.2	1.35	X	JF-110 PRO	Thermal OK with heat sink	For hotter areas, complete heat sink necessary
	HET 700-98-935	Hacker 5800 2P	12	163.2	44.2	3.68	7212	20.51	91	9.30	60.8	1.29	X	JF-110 PRO	HDT with HET-sink	Maybe 1s Motor, needs really bigger sink!
NEW	HET 700-83-630	G.Ace 44002P	14	94.0	54.9	3.92	5165	16.21	72	7.35	59.6	1.42	X	JF-110 PRO	Thermal OK with HET sink	New 700-83-Motor from HET, with new KV
NEW	HET 700-98-670	G.Ace 44002P	14	97.3	54.9	3.92	5348	17.20	77	7.80	62.9	1.46	X	JF-110 PRO	Cool with HET-sink	
	HET 700-98-780	G.Ace 44002P	14	141.0	53.4	3.81	7524	21.17	94	9.60	61.1	1.28	X	JF-110 PRO	Thermal OK with HET sink	For hotter areas, complete heat sink necessary