

Scorpion SII 3032-990KV Prop Data

Motor Wind - 5T Delta (26 Strands of 0.25mm Wir	Motor Kv 990 RPM/Volt	No-Load Current I_o = 4.25 Amps	Motor Resistance R_m = 0.010 Ohms
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Prop Manf.	Prop Size	Input Voltage	Motor Amps	Watts Input	Prop RPM	Thrust Grams	Thurst Ounces	Thrust G/W
APC	9 x 4.5	10.5	19.67	206.54	10025	1000	35.27	4.84
APC	9 x 6	10.5	24.26	254.73	9875	1100	38.80	4.32
APC	9 x 7.5	10.5	31.64	332.22	9650	1200	42.33	3.61
APC	10 x 5	10.5	27.13	284.87	9750	1400	49.38	4.91
APC	10 x 7	10.5	33.55	352.28	9600	1450	51.15	4.12
APC	11 x 5.5	10.5	36.32	381.36	9475	1875	66.14	4.92
APC	11 x 7	10.5	45.35	476.18	9200	1900	67.02	3.99
APC	11 x 8	10.5	49.56	520.38	9100	1925	67.90	3.70
APC	11 x 8.5	10.5	53.63	563.12	8925	1900	67.02	3.37
APC	11 x 10	10.5	63.86	670.53	9650	1750	61.73	2.61
APC	12 x 6	10.5	50.09	525.95	9000	2350	82.90	4.47
APC	12 x 8	10.5	58.74	616.77	8750	2450	86.42	3.97
APC	12 x 10	10.5	75.31	790.76	8225	2250	79.37	2.85
APC	13 x 6.5	10.5	68.21	716.21	8525	2775	97.89	3.87
APC	13 x 8	10.5	72.52	761.46	8375	2750	97.01	3.61
APC	14 x 7	10.5	85.6	898.80	8025	3350	118.17	3.73
APC	8 x 4	14	21.82	305.48	13475	1200	42.33	3.93
APC	8 x 6	14	37.29	522.06	12850	1350	47.62	2.59
APC	8 x 8	14	46.84	655.76	12575	1300	45.86	1.98
APC	9 x 4.5	14	34.49	482.86	13000	1850	65.26	3.83
APC	9 x 6	14	42	588.00	12750	2000	70.55	3.40
APC	9 x 7.5	14	55.7	779.80	12225	1650	58.20	2.12
APC	10 x 5	14	47.23	661.22	12550	2425	85.54	3.67
APC	10 x 7	14	59.26	829.64	12175	2450	86.42	2.95
APC	11 x 5.5	14	63.3	886.20	12025	3150	111.12	3.55
APC	11 x 7	14	80.39	1125.46	11500	2900	102.30	2.58
APC	11 x 8	14	84.44	1182.16	11325	2950	104.06	2.50
APC	8 x 4	17.5	33.76	590.80	16525	1850	65.26	3.13
APC	8 x 6	17.5	60.87	1065.23	15550	1950	68.79	1.83
APC	8 x 8	17.5	72.67	1271.73	15050	1800	63.49	1.42
APC	9 x 4.5	17.5	54.23	949.03	15725	2750	97.01	2.90
APC	9 x 6	17.5	66.69	1167.08	15350	2925	103.18	2.51
APC	9 x 7.5	17.5	88.64	1551.20	14650	2850	100.53	1.84