

Scorpion S-5545-180KV Prop Data

Motor Wind - 8T Delta (30 Strands of 0.29mm Wire)			Motor Kv 180 RPM/Volt		No-Load Current Io = 1.92 Amps		Motor Resistance Rm = 0.018 Ohms	
Prop Manf.	Prop Size	Input Voltage	Motor Amps	Watts Input	Prop RPM	Thrust Grams	Thrust Ounces	Thrust G/W
APC	16 x 12	35	28.9	1011.5	5903	2700	95.24	2.67
APC	17 x 12	35	31.3	1095.5	5864	3600	126.99	3.29
APC	18 x 12	35	39.8	1393.0	5762	4600	162.26	3.30
APC	19 x 12	35	42	1470.0	5717	6200	218.70	4.22
APC	20 x 12	35	48.2	1687.0	5655	7100	250.45	4.21
APC	21 x 12	35	54.3	1900.5	5577	8200	289.25	4.31
APC	22 x 12	35	63.4	2219.0	5547	8800	310.42	3.97
APC	24 x 12	35	77.1	2698.5	5258	11400	402.13	4.22
APC	25 x 12	35	88.2	3087.0	5113	12000	423.30	3.89
APC	26 x 12	35	92.7	3244.5	5087	13800	486.79	4.25
APC	27 x 12	35	98.4	3444.0	5015	15000	529.12	4.36
APC	15 x 12	42	27	1134.0	7172	3400	119.93	3.00
APC	16 x 12	42	39.6	1663.2	6962	3800	134.04	2.28
APC	17 x 12	42	43.7	1835.4	6904	5200	183.43	2.83
APC	18 x 12	42	58.2	2444.4	6689	6200	218.70	2.54
APC	19 x 12	42	59.6	2503.2	6662	8300	292.78	3.32
APC	20 x 12	42	69.7	2927.4	6526	9200	324.53	3.14
APC	21 x 12	42	75.8	3183.6	6459	11000	388.02	3.46
APC	22 x 12	42	90.2	3788.4	6242	11400	402.13	3.01