Zurück zur Übersicht

EP Premium Motor Datentabelle zu 3520-0700

Motor Wind	Motor Kv	No-Load Current	Motor Resistance	I Max	P Max (6S)
14-Turn Delta	700 RPM/Volt	Io = 1.33 Amps @ 14v	Rm = 0.032 Ohms	46 Amps	1020 W

Aussendurchmesser	Body Länge	Total Shaft Länge	Shaft Durchmesser	Motor Gewicht
43.0 mm, 1.69 in.	46.0 mm, 1.81 in.	68.0 mm, 2.68 in.	5.00 mm, 0.197 in.	216 gm, 7.62 oz

	Prop Manf.	Prop Size	Input Voltage	Motor Amps	Watts Input	Prop RPM	Pitch Speed	Thrust Grams	Thrust Ounces	Thrust Eff. Grams/W
3 Zellen	APC	12x10-E	11.1	23.49	260.8	6'215	58.9	1280	45.15	4.91
	APC	12x12-E	11.1	28.44	315.7	6'012	68.3	1150	40.56	3.64
	APC	13x8-E	11.1	23.88	265.1	6'251	47.4	1615	56.97	6.09
	APC	13x10-E	11.1	30.66	340.3	5'834	55.2	1440	50.79	4.23
	APC	14x7-E	11.1	26.42	293.3	6'047	40.1	1854	65.40	6.32
	APC	14x8.5-E	11.1	28.71	318.7	5'982	48.2	1915	67.55	6.01
	APC	14x10-E	11.1	28.89	320.7	5'983	56.7	1894	66.81	5.91
	APC	14x12-E	11.1	40.00	444.0	5'369	61.0	1533	54.07	3.45
	APC	15x6-E	11.1	27.83	308.9	5'967	33.9	2081	73.40	6.74
	APC	15x8-E	11.1	30.34	336.7	5'905	44.7	2100	74.07	6.24
	APC	15x10-E	11.1	39.00	432.9	5'411	51.2	2167	76.44	5.01
	APC	16x8-E	11.1	40.67	451.5	5'316	40.3	2510	88.54	5.56
	APC	16x10-E	11.1	44.78	497.0	5'124	48.5	2507	88.43	5.04
	APC	17x8-E	11.1	44.90	498.4	5'182	39.3	2756	97.21	5.53
	MAS	12x8x3	11.1	25.66	284.9	6'149	46.6	1714	60.46	6.02
	MAS	13x8x3	11.1	28.23	313.3	6'036	45.7	1878	66.24	5.99
	MAS	14x7x3	11.1	32.44	360.1	5'789	38.4	2157	76.09	5.99
	MAS	14x9x3	11.1	37.55	416.8	5'512	47.0	2332	82.26	5.60
	MAS	15x7x3	11.1	38.42	426.5	5'459	36.2	2447	86.31	5.74
	MAS	16x8x3	11.1	43.52	483.1	5'219	39.5	2715	95.77	5.62

	Prop Manf.	Prop Size	Input Voltage	Motor Amps	Watts Input	Prop RPM	Pitch Speed	Thrust Grams	Thrust Ounces	Thrust Eff. Grams/W
4 Zellen	APC	10x10-E	14.8	27.61	408.6	8'295	78.6	1203	42.43	2.94
	APC	11x7-E	14.8	23.59	349.1	8'532	80.8	1785	62.96	5.11
	APC	11x8-E	14.8	25.23	373.4	8'375	79.3	1725	60.85	4.62
	APC	11x8.5-E	14.8	27.77	411.0	8'285	78.5	1765	62.26	4.29
	APC	11x10-E	14.8	32.24	477.2	8'037	76.1	1604	56.58	3.36
	APC	12x6-E	14.8	26.08	385.9	8'389	79.4	2109	74.39	5.47
	APC	12x8-E	14.8	31.90	472.2	7'982	75.6	1874	66.10	3.97
	APC	12x10-E	14.8	38.05	563.2	7'699	72.9	1992	70.27	3.54
	APC	12x12-E	14.8	42.46	628.5	7'457	70.6	1782	62.86	2.84
	APC	13x6.5-E	14.8	35.14	520.1	7'870	74.5	2542	89.67	4.89
	APC	13x8-E	14.8	37.94	561.5	7'698	72.9	2499	88.15	4.45
	APC	14x7-E	14.8	42.81	633.5	7'424	70.3	2923	103.10	4.61
	APC	14x8.5-E	14.8	43.92	650.1	7'296	69.1	2956	104.27	4.55
	APC	14x10-E	14.8	44.30	655.7	7'346	69.6	2879	101.55	4.39
	APC	15x4-E	14.8	34.61	512.3	7'826	74.1	2937	103.60	5.73
	APC	15x6-E	14.8	43.62	645.5	7'301	69.1	3187	112.42	4.94
	MAS	11x7x3	14.8	25.63	379.4	8'420	79.7	1943	68.54	5.12
	MAS	11x8x3	14.8	27.82	411.7	8'297	78.6	2018	71.18	4.90
	MAS	12x6x3	14.8	28.58	423.0	8'242	78.0	2210	77.95	5.22
	MAS	12x8x3	14.8	38.34	567.4	7'616	72.1	2642	93.19	4.66
	MAS	13x8x3	14.8	42.60	630.5	7'454	70.6	2939	103.67	4.66

	Prop Manf.	Prop Size	Input Voltage	Motor Amps	Watts Input	Prop RPM	Pitch Speed	Thrust Grams	Thrust Ounces	Thrust Eff. Grams/W
	APC	9x7.5-E	18.5	26.41	488.7	10'597	60.2	1484	52.35	3.04
	APC	9x9-E	18.5	29.51	546.0	10'401	59.1	1504	53.05	2.75

5 Zellen	APC	10x6-E	18.5	22.84	422.5	10'839	61.6	1823	64.30	4.31
	APC	10x7-E	18.5	27.06	500.5	10'552	60.0	1916	67.58	3.83
	APC	10x10-E	18.5	38.66	715.3	9'835	55.9	1708	60.25	2.39
	APC	11x5.5-E	37.0	28.86	533.8	10'379	59.0	2423	85.47	4.54
	APC	11x7-E	18.5	34.27	633.9	10'092	57.3	2558	90.23	4.04
	APC	11x8-E	18.5	37.54	694.5	9'909	56.3	2389	84.27	3.44
	APC	11x8.5-E	18.5	40.54	750.0	9'735	55.3	2446	86.28	3.26
	APC	11x10-E	18.5	45.73	845.9	9'410	53.5	2213	78.06	2.62
	APC	12x6-E	18.5	38.56	713.4	9'837	55.9	3048	107.51	4.27
	APC	12x8-E	18.5	45.21	836.4	9'356	53.2	2612	92.13	3.12
	APC	13x4-E	18.5	32.65	604.1	10'201	58.0	3062.6	108.03	5.07
	MAS	9x7x3	18.5	23.11	427.6	10'836	61.6	1858	65.54	4.35
	MAS	10x7x3	18.5	29.35	542.9	10'346	58.8	2338	82.47	4.31
	MAS	11x7x3	18.5	35.51	656.8	10'006	56.9	2749	96.97	4.19
	MAS	11x8x3	18.5	38.53	712.8	9'833	55.9	2815	99.30	3.95
	MAS	12x6x3	18.5	39.26	726.3	9'735	55.3	3109	109.67	4.28

	Prop Manf.	Prop Size	Input Voltage	Motor Amps	Watts Input	Prop RPM	Pitch Speed	Thrust Grams	Thrust Ounces	Thrust Eff. Grams/W
6 Zellen	APC	8x8-E	22.2	29.03	644.6	12'645	71.8	1414	49.88	2.19
	APC	9x6-E	22.2	23.32	517.8	13'083	74.3	1864	65.75	3.60
	APC	9x7.5-E	22.2	36.26	804.9	12'111	68.8	1947	68.68	2.42
	APC	9x9-E	22.2	39.33	873.2	11'835	67.2	1952	68.85	2.24
	APC	10x5-E	22.2	28.39	630.3	12'692	72.1	2326	82.05	3.69
	APC	10x6-E	22.2	31.59	701.2	12'459	70.8	2387	84.20	3.40
	APC	10x7-E	22.2	36.71	815.0	12'081	68.6	2489	87.80	3.05
	APC	11x5.5-E	22.2	40.22	892.8	11'867	67.4	3259	114.96	3.65
	APC	13x4-E	22.2	44.72	992.9	11'517	65.4	4085	144.09	4.11
	MAS	9x7x3	22.2	30.49	676.8	12'520	71.1	2504	88.33	3.70
	MAS	10x5x3	22.2	27.52	610.9	12'740	72.4	2577	90.90	4.22
	MAS	10x7x3	22.2	39.25	871.4	11'893	67.6	3132	110.48	3.59

Propeller Tabelle - Farb-Code Erklärung

	Dieser Propeller ist optimal geeignet und bringt die beste Performance. (50 bis 80% Leistung)
	Dieser Propeller kann genutzt werden, Vollgasstellung sollte nur kurzzeitig verwendet werden. (80 bis 100% Leistung)