



The Partizan 1205 5500KV is a drone component specifically designed for high-performance applications. It includes high-speed brushless motor technology, featuring a KV rating of 5500, which dictates the motor's RPM per volt. This motor is intended to provide efficient thrust and responsiveness during operation, suitable for various drone platforms. The 1205 5500KV operates under standard drone power supply conditions. Its compact design allows for integration into lightweight drone assemblies.

Premium N52H Arc Magnets
Aviation-Grade 7075 Rotor & NMB Bearings
Optimized 4S Power Density

Product	
Model	1205 5500KV
Motor KV	5500 KV
Motor Size	1205
SKU	5408
Specifications	
Maximum Current	20 A
Power Supply	4 S
Shaft Diameter	1.5 mm
Silicone Cable	22 AWG 100 mm
Stator / Magnets	N52H
Common	
Size	Ø 16,72 * 13,83 mm
Weight	9 g

Model	Propeller	Throttle (%)	Voltage (v)	Current (A)	Thrust (g)	Input (w)	Efficiency (g/w)
1205-5500KV	GF D51X5	20	15.8	1.5	50.2	23.7	2.21
		40	15.8	3.8	113.2	60.1	1.9
		60	15.8	6.9	176.5	109	1.62
		80	15.8	10.8	243.9	170.6	1.43
		100	15.8	16.2	356.5	256	1.4
	HQ T51X4	20	15.8	1.4	56	22.1	2.53
		40	15.8	3.5	123.4	55.3	2.23
		60	15.8	6.5	181.3	102.7	1.76
		80	15.8	11	258.5	173.8	1.49
		100	15.8	15.9	370	251.2	2.476
	GF D51X4	20	15.8	1.3	54.6	20.5	2.76
		40	15.8	3.3	120	52.1	2.3
		60	15.8	6.3	186.1	99.5	1.87
		80	15.8	10.4	256.6	164.3	1.56
		100	15.8	15.6	386.2	246.5	1.57
Remark	The above data represents the test samples only						