

EMAX

New Design from **RS2205 S**
the Original "Red Bottom" RS motor series

RS2205 S

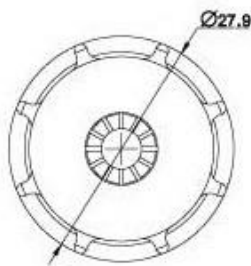
Maximum thrust **1.622KG**

- Anti-slip prop design
- 5MM hollow steel shaft
- Double side N52SH Arc Magnet

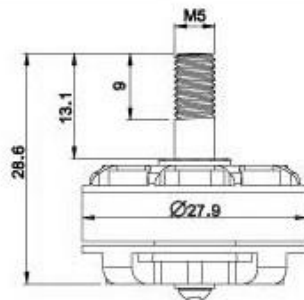


Motor Type 电机型号	Voltage 电压 (V)	Propeller 桨尺寸	Current 电流 (A)	Thrust 推力 (G)	Power 功率 (W)	Efficiency 效率	Speed 转速 (RPM)
RS2205S 2300KV	12	DAL T5045 Tri-blade 三叶桨	1	77	12.00	6.42	7010
			3.1	186	37.20	5.00	10820
			5.1	283	61.20	4.62	13010
			7.1	361	85.20	4.24	14720
			9.1	432	109.20	3.96	16140
			11.1	499	133.20	3.75	17360
			13.1	571	157.20	3.63	18450
			15.1	633	181.20	3.49	19370
			17.1	698	205.20	3.40	20290
			19.1	758	229.20	3.31	20940
			21.7	825	260.40	3.17	21750
		HQ5045BN	1	72	12.00	6.00	6780
			3.1	176	37.20	4.73	10480
			5.1	255	61.20	4.17	12520
			7.1	329	85.20	3.86	14210
			9.1	396	109.20	3.63	15510
			11.1	460	133.20	3.45	16710
			13.1	527	157.20	3.35	17820
			15.1	575	181.20	3.17	18710
			17.2	632	206.40	3.06	19570
			19.1	681	229.20	2.97	20290
			21.1	725	253.20	2.86	20930
			22.5	758	270.00	2.81	21380
			23	774	276.00	2.80	21530
	16	DAL T5045 Tri-blade 三叶桨	1	96	16.00	6.00	7650
			3.1	221	49.60	4.46	11470
			5.1	326	81.60	4.00	14000
			7.1	407	113.60	3.58	15630
			9.1	499	145.60	3.43	17230
			11.1	579	177.60	3.26	18510
			13.1	645	209.60	3.08	19610
			15.1	719	241.60	2.98	20630
			17.1	792	273.60	2.89	21640
			19.1	855	305.60	2.80	22450
			21.2	918	339.20	2.71	23310
			23.1	976	369.60	2.64	23900
			25.1	1041	401.60	2.59	24500
			27.1	1103	433.60	2.54	25060
			29.1	1160	465.60	2.49	25650
			31	1215	496.00	2.45	26000
			33.6	1281	537.60	2.38	26518
		HQ5045BN	1	90	16.00	5.63	7520
			3.1	204	49.60	4.11	11470
			5.1	306	81.60	3.75	13650
			7.1	388	113.60	3.42	15310
			9.1	457	145.60	3.14	16680
			11.1	523	177.60	2.94	17830
			13.1	591	209.60	2.82	18950
			15.2	664	243.20	2.73	20110
			17.1	722	273.60	2.64	20830
			19.1	774	305.60	2.53	21720
			21.2	836	339.20	2.46	23380
			23.2	887	371.20	2.39	24060
			25.2	942	403.20	2.34	24550
			27.3	995	436.80	2.28	25120
			29.3	1045	468.80	2.23	25350
			31.3	1098	500.80	2.19	25630
			33.3	1150	532.80	2.16	25810
			35.1	1208	561.60	2.15	26050
			36.4	1236	582.40	2.12	26170

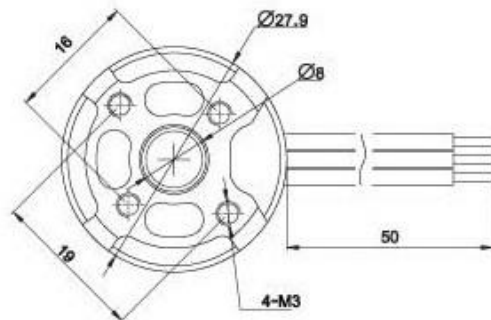
Specifications



Framework:12N14P
Diameter:27.9MM
Max.thrust:1281g



No.of cells:3-4S
Length:28.6MM
Weight:28.8g



Propeller:5"
Shaft:3MM
KV:2300



RS2205 S

Redesigned "Red Bottom" RS motor



Weighing only **28.8g**, increased flight time,
Lower center of gravity, smoother throttle response.



5MM hollow steel shaft, More durable, More resistant
to crash damage.



Hex Head Bell Retaining Screw.



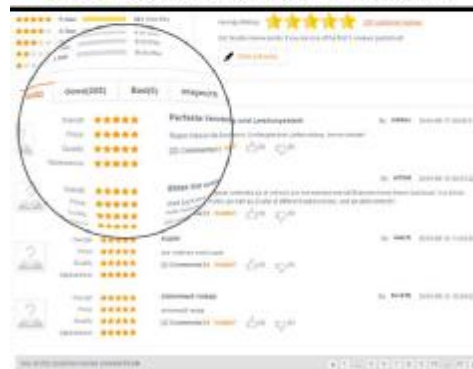
NS2SH Double side arc shaped magnet, new stator design with precision winding of the wire increase 10% magnetic field intensity.



Bearings are provided by Japan NSK, for super smooth rotation and long maintenance free life span.



Strong magnetic field, Efficient heat dissipation, reduced internal resistance, results in enhanced power.



The top reviewed original Red Bottoms set the standard on how motors should perform and now the new RS2205-S shows how it can be refined further.

25

quality control processes, strict control of product quality

300,000

RS2205 motor sales have out sold space other 2205 motor on the market

8million

Motors produced annually. 90% of multirotor brands use motors made by EMAX. We are the largest multirotor component manufacturer with over 700 employees world wide

EMAX headquarters in Shenzhen China

10,000 square meter production based operation using 6S standard practices













