

Racerstar Racing Edition 2306 BR2306S 2400KV 2-4S Brushless Motor For X210 X220 250 FPV Racing Frame



Description:

Brand: Racerstar
Item name: BR2306S 2400KV
Brushless Motor
RPM/V: 2400KV
Height: 33.5mm
Width: 28.5mm
Shaft diameter: M5
Motor mount hole size: M3
Weight: 33.5 grams
Voltage: 2-4S
Battery: 2-4S lipo battery
Internal resistance: Ω
Usage: X210 X220 250 280 FPV
Racing Frame

Features:

Stainless steel motor shaft
Long life Japanese NMB ball bearings
Oxygen free copper wire
CNC machined aluminum case
More powerful than BR2205S

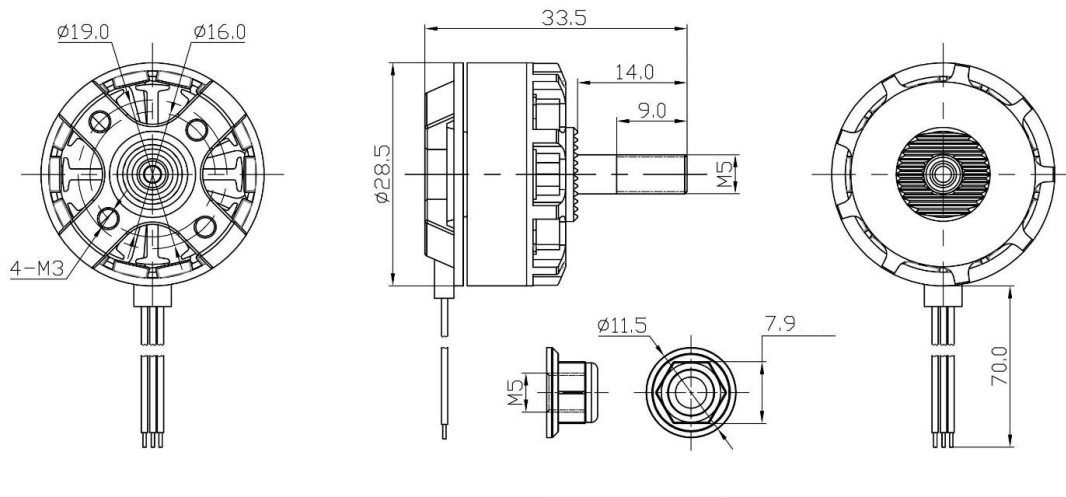
Tested with 14.8V voltage 5045 propellers:

Load current: 33A
Pull: 980g
Power: 458W
Efficiency: 2.1 (g/W)

Tyto Robotics for Motor performance:

<https://database.rcbenchmark.com/motors/7dy/racerstar-br2306s-2400kv>

MOTOR OUTLINE DRAWING



MOTOR PERFORMANCE DATA

MODEL	KV (rpm/V)	Voltage (V)	Prop	Load Current (A)	Pull (g)	Power (W)	Efficiency (g/W)	Lipo Cell	Weight (g)Approx
BR2306S	2400	11.1	5045	23.7	660	250	2.6	2-4S	33.5
		14.8		33.0	980	458	2.1		
	2700	11.1	4045	16.5	480	175	2.7		
		14.8		24.5	760	345	2.2		
		11.1	5045	25.0	705	262	2.7		
		14.8		35.0	1070	490	2.2		