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BetaFPV O802SE O802 19500Kv Micro Motor Set of 4

 6 Reviews

\$45.49

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Details

Description

0802SE Brushless Motors is a lightweight of only 1.8g/pc for 1S whoop drones. It ensures excellent performance of power and thrust and makes the perfect dynamic balance, providing flexibility and longer flying time for drones.

Take a look at all of our [micro motor selections](#) and our [BetaFPV products](#)!



Features

- 0802SE 19500KV Brushless Motors (2022 version) comes with a completely new look. The whole motors are silver in the air, looking very bright.
- 0802SE Motor makes the perfect dynamic balance, which gives the drone more flexibility and longer flying time. With its lightweight of 1.8g/pc, it is ideal for the weight-sensitive 65mm brushless whoop drone.
- 19500KV and 23000KV options greatly meet the pilots' needs for different flying purposes.
- Lead wire is soldered to the PCB, allowing you to repair it easier once disconnected.



Specification

- Item: 0802SE 19500KV brushless motor
- Weight: 1.83g/pc
- Kv: 19500KV

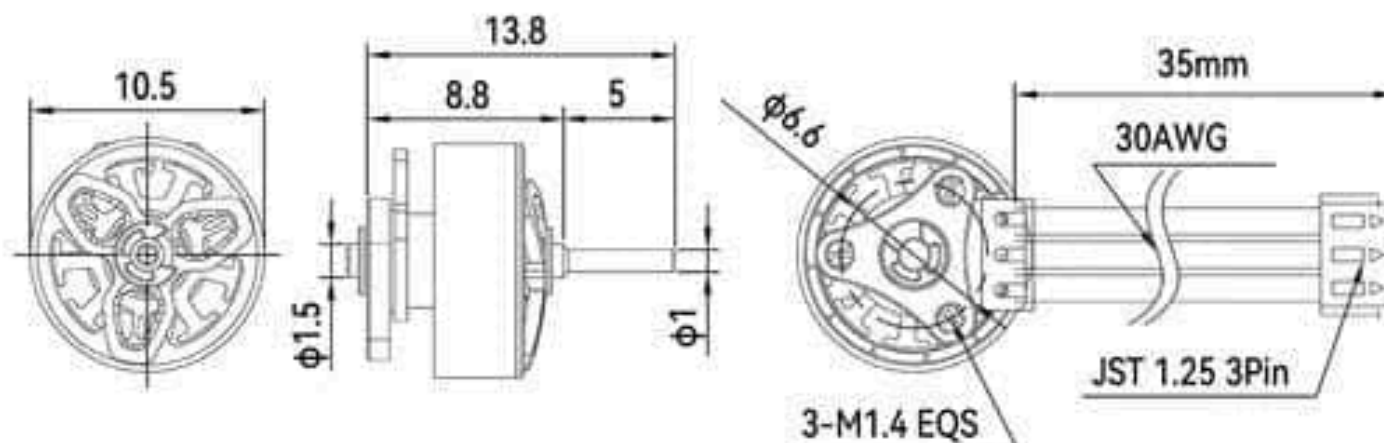
- Color: Black/Ice Blue
- Shaft length: 5mm
- Shaft diameter: 1mm
- Hole distance: 6.6mm
- Motor Mount Holes: M1.4
- Input Voltage: 1S
- Cables: 35mm long, 30AWG cables
- Dimensions: 10.5x10.5x13.8mm (2022 version)
- Bearings: Brass Bushings



Outline Drawing

0802SE 19500KV / 23000KV

Unit: mm



Load Performance

Model	Propeller	Throttle (%)	Voltage (V)	Current (A)	Speed (RPM)	Input (W)	Thrust (g)	Efficiency (g/w)	Coil temp (°C)
0802SE 19500KV	GF31mm -3B 1219		4	0.5		2.00	2.8	1.40	
			4	1.0		4.00	7.2	1.80	
			4	1.5		6.00	11.6	1.93	
			4	2.0		8.00	16.0	2.00	
			4	2.5		10.00	20.7	2.07	
			4	3.0		12.00	24.2	2.02	
			4	3.1		12.40	24.6	1.98	
	GF35mm -3B		4	0.5		2.00	4.1	2.05	
			4	1.0		4.00	8.8	2.20	
			4	1.5		6.00	14.0	2.33	
			4	2.0		8.00	18.5	2.31	
			4	2.5		10.00	23.0	2.30	
			4	3.0		12.00	26.3	2.19	
			4	3.4		13.60	30.6	2.25	

GF40mm
-2B 1610

4	0.5	2.00	4.4	2.20
4	1.0	4.00	9.4	2.35
4	1.5	6.00	14.5	2.42
4	2.0	8.00	20.0	2.50
4	2.5	10.00	25.3	2.53
4	3.0	12.00	29.0	2.42



What are you looking for?



0802SE
23000KV

GF35mm
-3B

GF40mm
-2B 1610

4	3.00	12.00	25.4	2.1
4	3.30	13.20	27.4	2.1
4	0.50	2.00	3.9	2.0
4	1.00	4.00	8.6	2.2
4	1.50	6.00	12.9	2.2
4	2.00	8.00	18.4	2.3
4	2.50	10.00	24.2	2.0
4	3.00	12.00	27.3	2.0
4	3.50	14.00	30.6	2.2
4	3.70	14.80	32.6	2.2
4	0.50	2.00	4.8	2.4
4	1.00	4.00	9.9	2.5
4	1.50	6.00	14.2	2.4
4	2.00	8.00	18.8	2.4
4	2.50	10.00	23.4	2.3
4	3.00	12.00	28.5	2.4
4	3.50	14.00	32.2	2.3
4	4.00	16.00	35.3	2.2

Remark	The above data represents the test samples only.
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Includes

- 4x BETA FPV 0802SE Brushless Motors 19500Kv
- 1x Pack of M1.4x3 Screws

More Information:

- SKU: 14786
- Barcode: 738156454230

Other Pilots Also Purchased

Gemfan 35mm-3 Tri-
Blade Micro...

★★★★★ (15)

\$5.49

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Blade 40mm...

★★★★☆ (21)

\$3.99

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Whoop Fram...

★★★★★ (74)

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Gemfan 1219-3 Durable
Tri-Bla...

★★★★★ (111)

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★★★★☆ 1 Review

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★★★★★ 62 Reviews

FPV ELITE

\$2.49

☆☆☆☆☆ 0 Reviews

BETA FPV

\$51.99

★★★★☆

CA

\$20

Review Highlight



"These motors have a great balance of power especially when used with 2 blade props...."

Gerd W.



"Easy drop in replacement...."

Thomas D.



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4.8 
Based on 6 Reviews

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3 
2 
1 

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0

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Thomas D.



Verified Buyer



Good motors

27/07/24

Matched the stock motors. Easy drop in replacement.

Was this review helpful?  0  0



Gerd W.

Verified Buyer



**BetaFPV 802SE 19,500Kv
motors**

30/08/23

These motors have a great balance of power especially when used with 2 blade props. Wish they would make them with 1.5mm shafts!

Was this review helpful? 0 0



Be M.

Verified Buyer



Very good motors

04/07/23

I love betafpvs motors I have never had them break on me I am still running a pair from 2020 and they are still going strong

Was this review helpful? 0 0



Charles R.

Verified Buyer



Well made!!!

20/04/23

Very smooth motors!!! If you're using a prop-puller, however, be very careful not to damage a small C-clamp on the motor shaft at the top of the motor bell.

Was this review helpful? 0 0



Benjamin...

Verified Buyer



**BetaFPV 0802SE 19500Kv
Micro Motor**

15/03/23

nICE LITTLE MOTORS FOR A 1.6 MICRO QUAD

Was this review helpful? 0 0

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