

Link do produktu: <https://dronexpert.eu/silnik-iflight-xing2-2405-4s-6s-fpv-motor-unibell-p-14746.html>



Silnik Iflight XING2 2405 4S 6S FPV Motor Unibell

Cena brutto	120,89 zł
Cena netto	98,30 zł
Dostępność	Wysyłka 24 godziny/Odbiór osobisty
Producent	IFLIGHT

Opis produktu

Our XING series NextGen motors have become popular after the initial release in 2018 and became the new standard on the market. Was it the curved shape or the internal damping ring to protect the bearing, or was it the higher quality NSK bearings coupled with a higher grade titanium alloy shaft? We've been copied and compared all these years, but now it's time to set a new standard again! **We're finally ready to announce our predecessor the XING2!**

The smooth, reliable and powerful XING motors were upgraded and we achieved an even higher standard in our manufactory as well as better performance than ever before. **New center slotted N52H curved arc magnets** were introduced to drastically reduce response time of the motor! Maybe the biggest bottleneck of our FPV flight controller is the motor due to it's translation delay of it braking and accelerating. XING2 motors offer faster response to translate your PID loop quicker and get that locked-in feeling you were always looking for!

Due to the high quality materials used and the durable joint of bell and shaft, we were able to **reduce the magnet air gap and stator lamination** to a minimum. The smaller the air gap is, the lower that reluctance and the higher the magnetic flux (which is the magnetic analog of current) causing **more efficiency and higher power!**

Early 2018 we started to put o-rings on the top of our bearings between motor bell and stator. This acts as an absorber if your bell or shaft has gone through crashing and keeps the bearing gap tight to reduce all those vibrations induced by high rpms! It can also reduce the axial impact force just enough to keep your bearings smooth and quiet. All our experience, high quality 7075 bells, O-ring bearing protection and all the other features you've just seen on your original XING series are still inbuilt in a new shape and design!

Features:

- 5mm titanium alloy shaft, our strongest prop shaft ever!
- Crash resistant 7075 aluminum bell
- Smooth and long-lasting NSK 9x4x4 bearings
- **Center slotted N52H curved arc magnets**
- XING O-ring bearing gap protection
- Motor wires protector
- Dynamically balanced

Specification

- Model: XING2 2405
- KV: 1800KV / 1950KV (optional)
- Common setup: 1800KV/1950KV, 6S battery, 5inch propeller

- Prop shaft: CW thread
- Recommended input voltage Voltage: 4S-6S (16V-26V)
- Configuration: 12N14P
- Stator Diameter: 24mm
- Stator Height: 5mm
- Weight: 30.7g with short wires
- Wire length: 20AWG 160mm
- Mounting pattern: 16*16mm

Package includes:


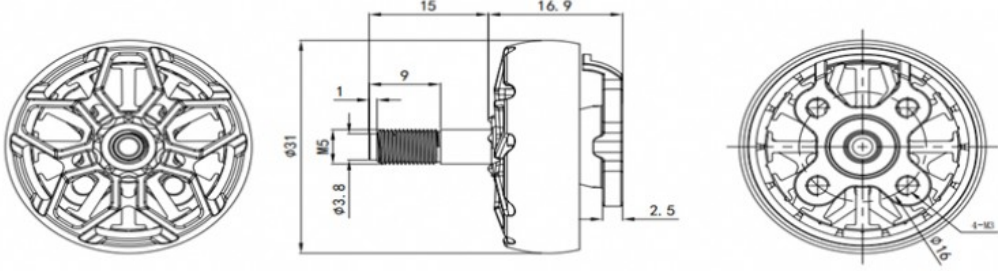
1x XING2 2405 Brushless Motor

4x M3x6 screws

1x Prop nut

NOTE: Propellers not included!

iFight XING2 2405 1950KV

Technical Datas							
KV	1950						
Configu-ration	12N14P						
Stator Diamter	24.1mm						
Stator Length	5mm						
Shaft Diameter	5mm						
Motor Dimension(Dia.*Le	Φ31*16.9mm						
Weight(g)	30.7g						
Idle current(10)@10V(A	≤1.45						
No.of Cells(Lipo)	4~6S						
Max Continuous Power(W)60S	955.7						
Internal Resistance	69.4mΩ						
Max Current(60S)	41.32A						
							
Prop (inch)	Voltages (V)	Throttle (%)	Load Current (A)	Pull(g)	Power(W)	Efficiency(η/W)	Temperature(in full throttle load 60S)
51499	24	50%	10.47	741	251.3	2.949	78°C
		60%	16.57	835	397.7	2.100	
		70%	22.98	1058	551.5	1.918	
		80%	29.45	1208	706.8	1.709	
		90%	35.87	1463	860.9	1.699	
		100%	41.32	1595	991.7	1.608	
5140	24	50%	9.05	625	217.2	2.878	68°C
		60%	14.46	820	347.0	2.363	
		70%	20.76	985	498.2	1.977	
		80%	27.25	1135	654.0	1.735	
		90%	33.87	1259	812.9	1.549	
		100%	36.91	1324	885.8	1.495	

Produkt posiada dodatkowe opcje:

KV: 1950 KV