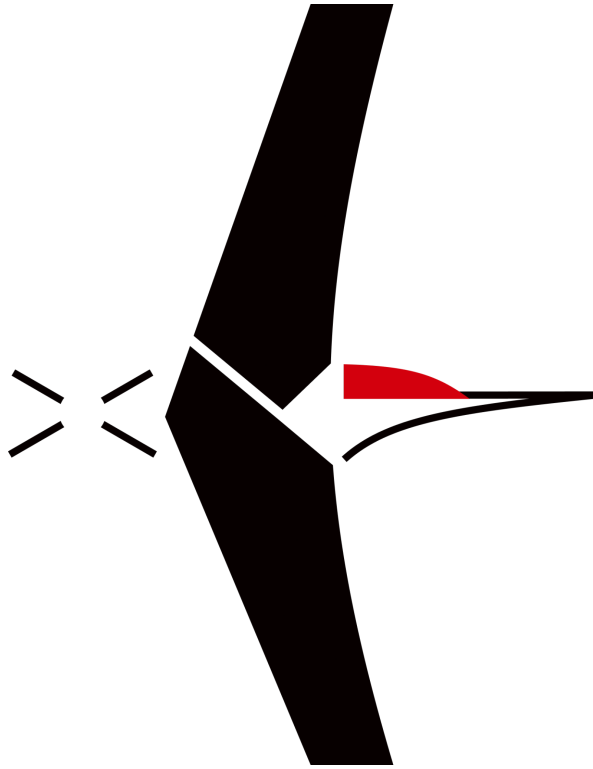
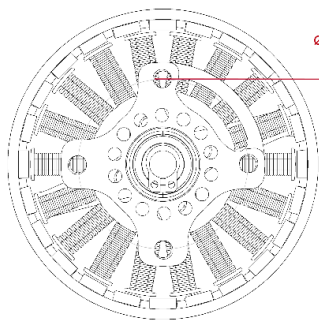




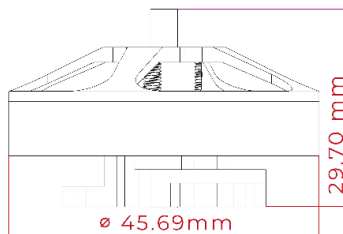
Flameback

Advanced Propulsion Systems

**4006 KV320
BLDC MOTOR**

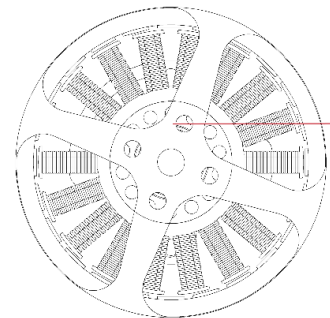


ø 25 mm
M3 x 4



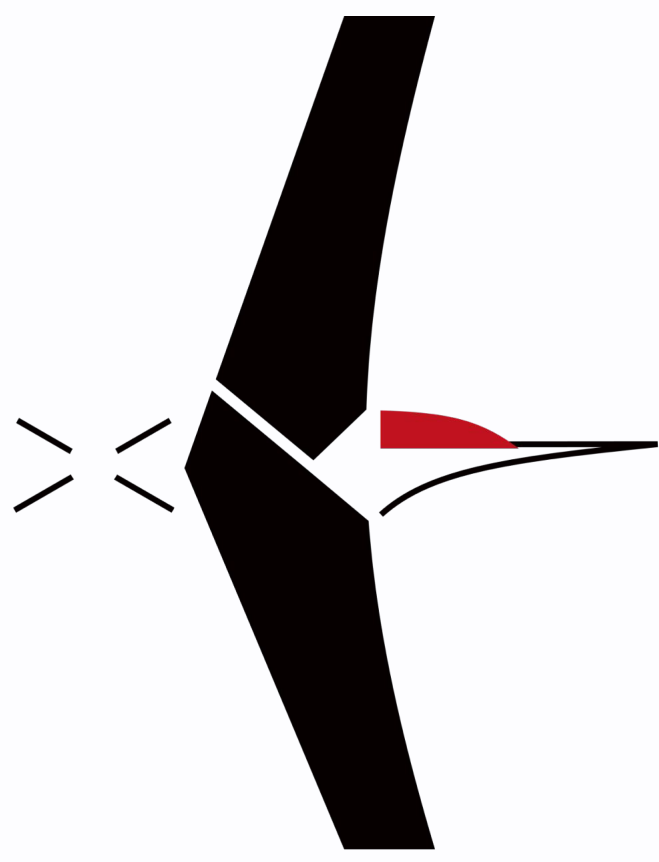
ø 45.69mm

29.70 mm



ø 12 mm
M3 x 4

Flameback 4006 KV 320 BLDC: Detailed Drawing



Flameback

The Flameback 4006 KV 320 BLDC

Engineered for unmatched endurance, delivering extended flight times, exceptional stability and powerful thrust. **The Flameback 4006 KV 320 system** runs with cutting edge efficiency and extraordinary heat dissipation, redefining performance in the skies.

FEATURES

THRUST
2KG+

LOW
NOISE

STABLE
AND
RELIABLE

WATER &
DUST
RESISTANT

ANTI-
CORROSION
STATOR

IMPACT
RESISTANT

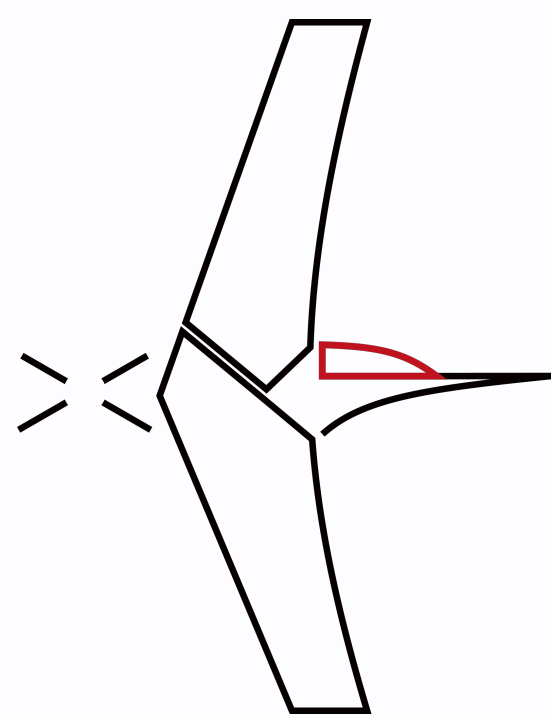
LIGHTER IN WEIGHT

DURABLE

DATA SHEET

Motor	Flameback FT4006 320 KV	Recommended ESC	30A 6S
Configuration	18N24P	Recommended Propeller	14 x 4.8, 15 x 5
Weight incl. cables	72g	Max Current	18A
Stator Diameter	40 mm	Max Continuous Power	350W
Stator Height	6 mm	Cells (LiPo)	4-6S
Motor Dimensions	ø 45.5 x 32 mm	AWG	18

Propeller	Voltage	Throttle	Current(A)	Power(W)	RPM	Thrust (Gm)	Efficiency (g/w)
14*4.8	24	50	2.91	69.84	3817	700	10.02
		60	4.39	105.36	4429	960	9.11
		70	6.04	144.96	4940	1200	8.28
		80	7.90	189.60	5370	1440	7.59
		90	10.22	245.28	5868	1670	6.81
		100	12.60	302.40	6243	1980	6.55



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