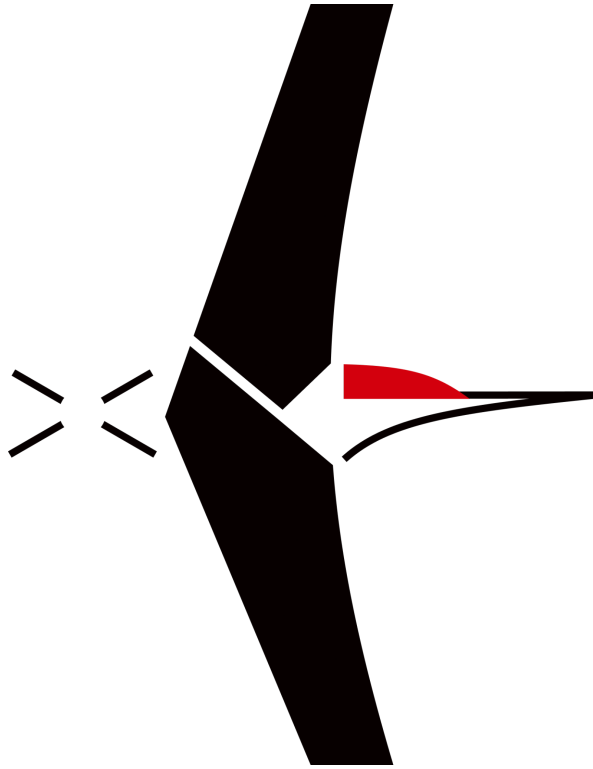
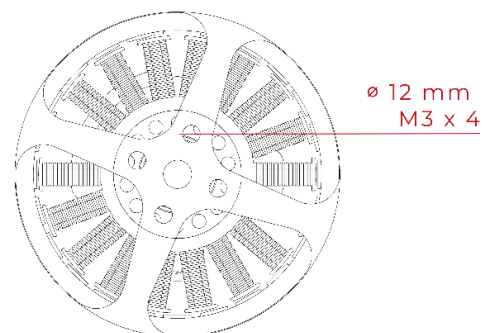
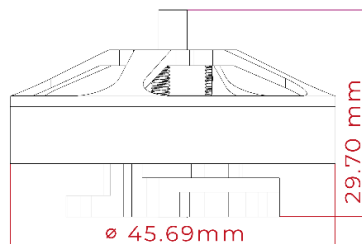
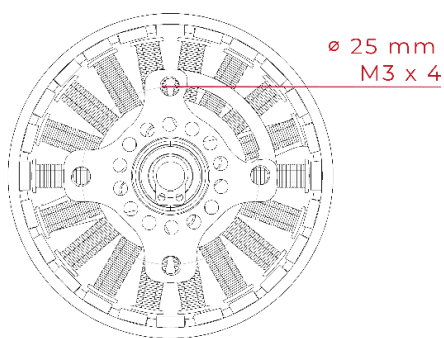




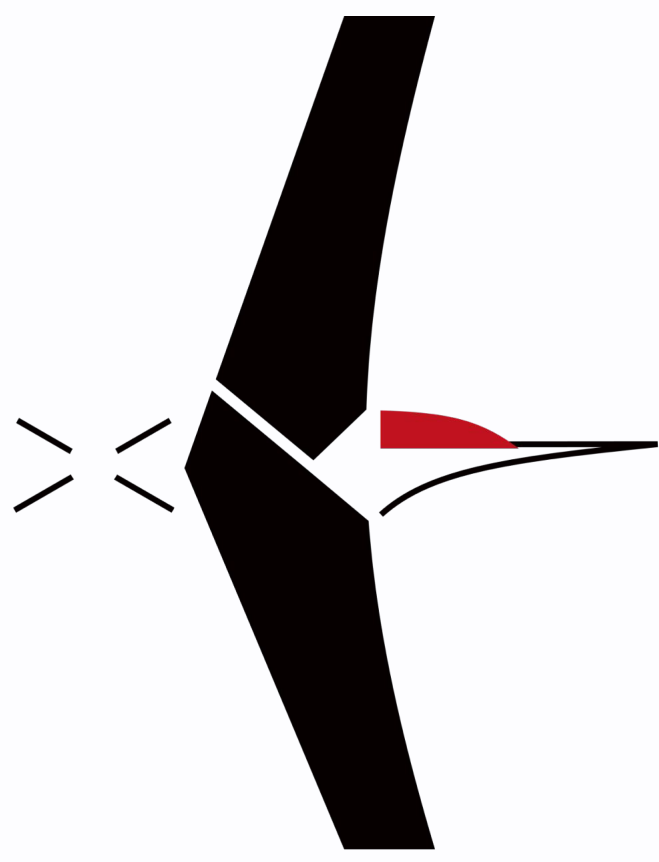
Flameback

Advanced Propulsion Systems

4006 KV380
BLDC MOTOR



Flameback 4006 KV 380 BLDC: Detailed Drawing



Flameback

The Flameback 4006 KV 380 BLDC

Engineered for unmatched endurance, delivering extended flight times, exceptional stability and powerful thrust. **The Flameback 4006 KV 380 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

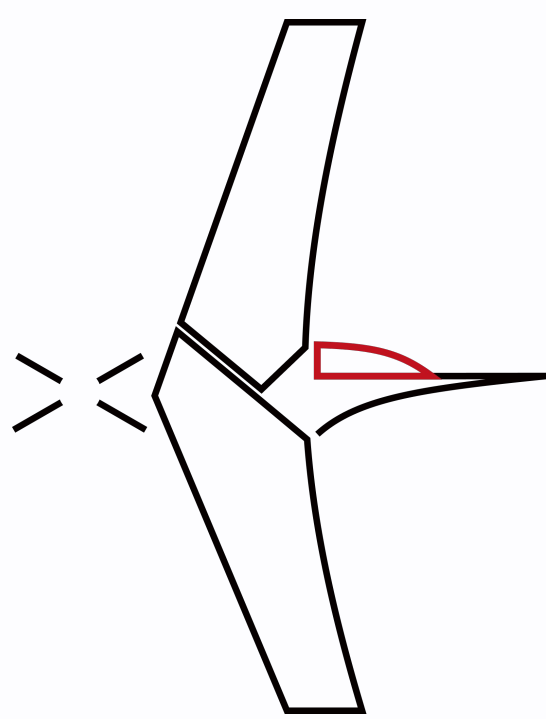
LIGHTER IN WEIGHT

DURABLE

DATA SHEET

Test Item	HB-4006 - 380KV	Max. current	18A
Configuration	18N24P	Max Continuous Power 300S	350W
Weight Including Cables	70gm	No.of Cells(Lipo)	4-6S
Stator Diameter	40mm	Motor Dimensions	Φ45.5×32mm
Stator Height	6mm	AWG	18#
Recommended ESC	30A ESC	Recommended propeller	14*4.8 & 15*5

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



Flameback Tech Pvt Ltd
636/605/507, Morepen Rd, Baddi - 173205, HP
hello@flamebacktech.com
www.flamebacktech.com