

EMAX

YINYAN MODEL TECH.LTD.



Newly designed high-end
brushless motors for multirotors
MT Series

EMAX

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MT2216



Lightweight design

Longer duration of flight

Low CG design



MT2216

Using imported Silicon steel coils from Japan; High quality NMB bearing of Japan; Ndfeb with strong magnetic and high temperature resistance to decrease motor's temperature increasing efficient.



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Very convenient to use; two installation of propellers: one for plastic propellers and the other one is for carbon fiber propellers.



MT series motor got CW thread and CCW thread to decrease potential safety hazard of installing CCW propellers.

Low CG and light weight design; increasing efficient; longer duration of fly; more power.

100% balanced of each motor to decrease shaking to the minimum.

MT2216

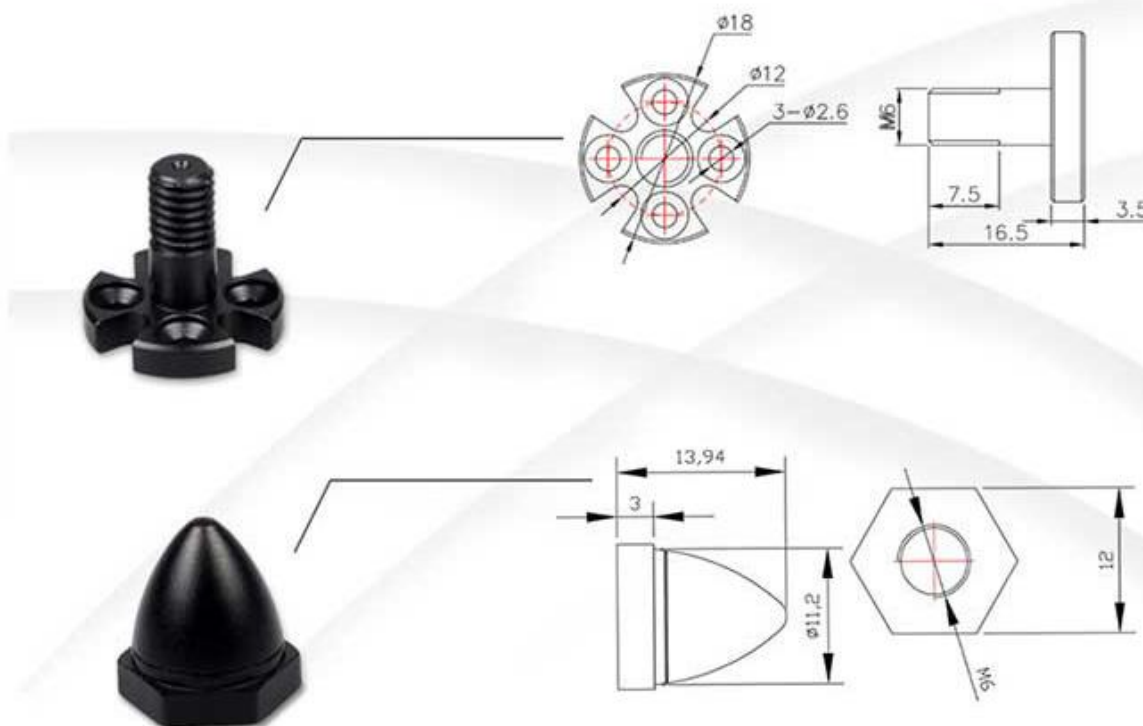
Installation for **general type propeller**



Installation for **three-hole CF propeller**



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Accessory pack for *CW thread motor*



Accessory pack for *CCW thread motor*



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MT2216 SPECIFICATIONS

KV:810

MAX Thrust:950G

NO.OF CELL:3-4S

Framework:12N14P

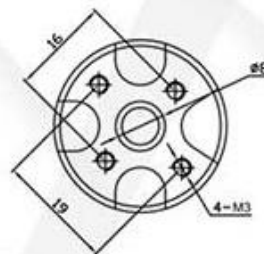
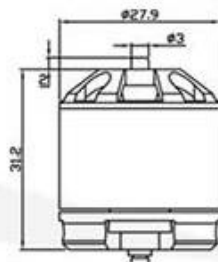
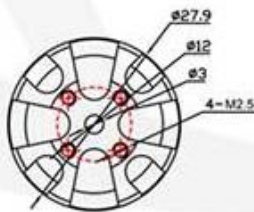
Propeller:EMAX1045

Length:33.2MM

Weight:80G

Shaft:3MM

Diameter:27.9MM



| The voltage | propeller size | current (A) | thrust (G) | power (W) | efficiency (G/W) | speed (RPM) |
|-------------|----------------|----------------|---------------|--------------|---------------------|----------------|
| | APC10*3.8 | 1 | 130 | 11.1 | 11.7 | 3230 |
| | | 2 | 220 | 22.2 | 9.9 | 4030 |
| | | 3 | 300 | 33.3 | 9.0 | 4640 |
| | | 4 | 380 | 44.4 | 8.6 | 5090 |
| | | 5 | 440 | 55.5 | 7.9 | 5420 |
| | | 6 | 490 | 66.6 | 7.4 | 5690 |
| | | 7 | 550 | 77.7 | 7.1 | 5950 |
| | | 8 | 610 | 88.8 | 6.9 | 6180 |
| | | 9 | 650 | 99.9 | 6.5 | 6340 |
| | | 10 | 700 | 110.0 | 6.1 | 6500 |