

Technical specifications of lifting motor block

MODEL: VTEM16

Motor	Rest VTEM16-Q16-KV220
ESC	Rest MDT80A 12S
Propeller	Rest CQ 22x6.6"



Technical specifications :

Propeller diameter	22 ± 1 inches
Height	50mm ± 10mm
Weight	≤700g
Required static thrust	≥ 11kgf
Maximum power required	≥2500W
Voltage	12S Lipo range 44.4÷50.4 VDC
Maximum current required	≥ 75A
Control signal type	PWM
Waterproof and dustproof standard:	IP 45

Pitch	6.6 ± 1 inches
Control signal range	Covers the range of 1,100 ÷ 1,900 us
No-load speed constant (Kv)	220
Maximum rotation speed	≥7.000RPM
Magnetic pole configuration	24N28P
Coil insulation test standard	≥500V
Dynamic balance standard	Rotor ≤5mg; Motor ≤10mg
Wing material	CF+Epoxy
Copper wire type	High temperature resistant wire 220C, level C