UAV MOTORS

MTS 3215X 900KV

3215X-900

3215 motor for 9-10" propellers



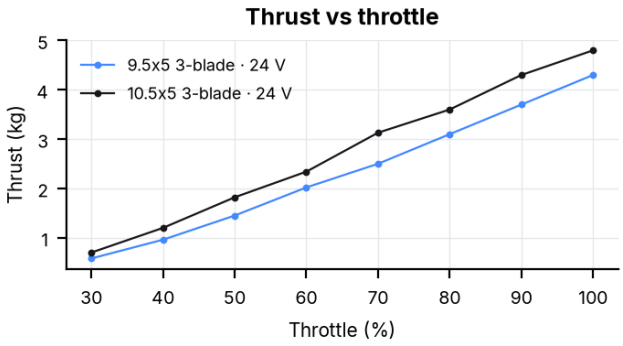
KEY SPECIFICATIONS

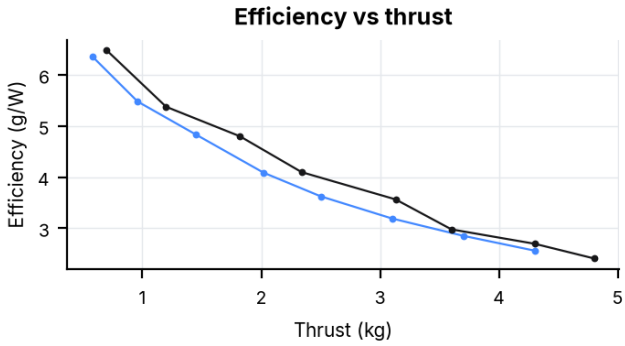
PARAMETER	VALUE
Product code	3215X-900
Category	UAV Motors
Stator size	3215
KV rating	900KV
Battery voltage	24 V
Propeller range	9-10"
Weight	138 g

OVERVIEW

For use with drones using 9 to 10" propellers with applications in mapping and cinematography. Available in various KV to match battery voltage.

PERFORMANCE AT A GLANCE





MECHANICAL

PARAMETER	VALUE
Diameter	40.5 mm
Body length (excl. shaft)	34.7 mm
Shaft diameter	5 mm
Shaft length	18 mm
Mounting pattern	19 x 19 mm, M3
Lead wires	Custom length to order

PERFORMANCE DATA

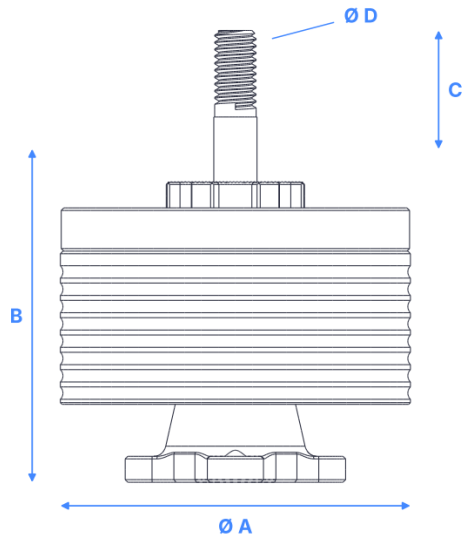
	PROP 9.5x5 3-BLADE · 24 V				PROP 10.5x5 3-BLADE · 24 V			
THROTTLE	AMPS (A)	POWER (W)	THRUST (g)	g/W	AMPS (A)	POWER (W)	THRUST (g)	g/W
30%	3.80	91	580	6.36	4.50	108	700	6.48
40%	7.30	175	960	5.48	9.30	223	1200	5.38
50%	12.50	300	1450	4.83	15.80	379	1820	4.80
60%	20.60	494	2020	4.09	23.80	571	2340	4.10
70%	28.75	690	2500	3.62	36.60	878	3130	3.56
80%	40.50	972	3100	3.19	50.40	1210	3600	2.98
90%	54.10	1298	3700	2.85	66.50	1596	4300	2.69
100%	70.00	1680	4300	2.56	83.10	1994	4800	2.41

ORDERING & CUSTOMISATION

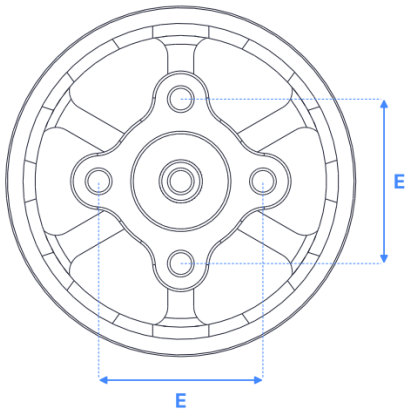
PARAMETER	VALUE
Standard model	3215X-900
Custom options	KV and size to spec
Enquiries	contact@motortechnic.sg

MECHANICAL DRAWING

SIDE VIEW



MOUNTING FACE



Ø A Diameter = 40.5 mm
B Length (excl. shaft) = 34.7 mm
C Shaft length = 18 mm
Ø D Shaft diameter = 5 mm
E x E Mounting pattern (across opposite holes) = 19 x 19 mm
Mounting thread = M3
Lead wires = custom length to order

MTS 3215X · MECHANICAL DRAWING
DRAWN FROM THE CAD MODEL · DIMENSIONS IN MM
Dimensions from engineering data. Not for manufacture.