UAV MOTORS

MTS 6015X 250KV

6015X-250

6015 motor for 22-26" propellers



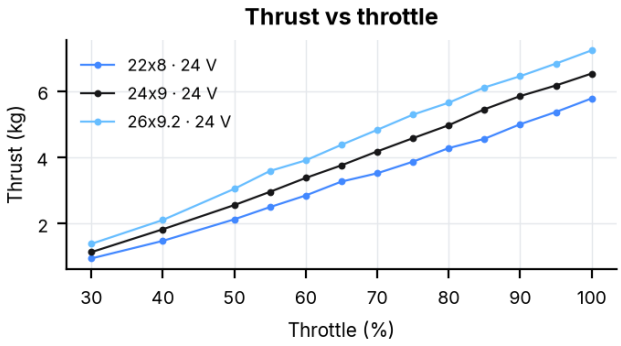
KEY SPECIFICATIONS

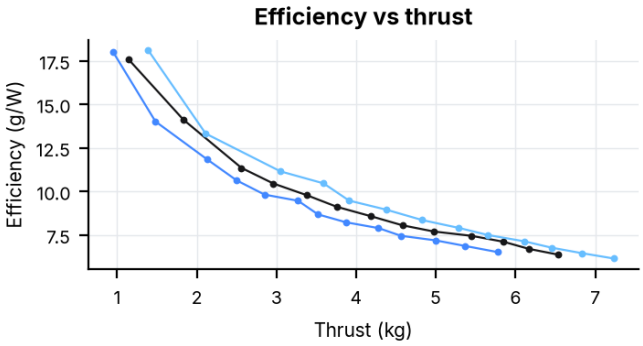
PARAMETER	VALUE
Product code	6015X-250
Category	UAV Motors
Stator size	6015
KV rating	250KV
Battery voltage	24 V
Propeller range	22-26"
Weight	280 g

OVERVIEW

For use with drones using 22 to 26" propellers in heavy lift and agricultural drones.

PERFORMANCE AT A GLANCE





— MECHANICAL

PARAMETER	VALUE
Diameter	68 mm
Body length (excl. shaft)	36.8 mm
Shaft diameter	7.8 mm
Shaft length	32.3 mm
Mounting pattern	44 x 44 mm, M3
Lead wires	Custom length to order

— PERFORMANCE DATA

	PROP 22x8 · 24 V				PROP 24x9 · 24 V			
THROTTLE	AMPS (A)	POWER (W)	THRUST (g)	g/W	AMPS (A)	POWER (W)	THRUST (g)	g/W
30%	2.2	53	950	17.99	2.7	65	1140	17.59
40%	4.4	106	1480	14.02	5.4	130	1830	14.12
50%	7.5	180	2130	11.83	9.4	226	2560	11.35
55%	9.8	235	2500	10.63	11.8	283	2960	10.45
60%	12.1	290	2850	9.81	14.4	346	3380	9.78
65%	14.4	346	3270	9.46	17.2	413	3760	9.11
70%	16.9	406	3520	8.68	20.3	487	4180	8.58
75%	19.6	470	3870	8.23	23.7	569	4580	8.05
80%	22.6	542	4280	7.89	26.9	646	4970	7.70
85%	25.5	612	4560	7.45	30.5	732	5450	7.45
90%	29.0	696	5000	7.18	34.3	823	5850	7.11
95%	32.6	782	5370	6.86	38.4	922	6170	6.69
100%	37.0	888	5780	6.51	42.7	1025	6530	6.37

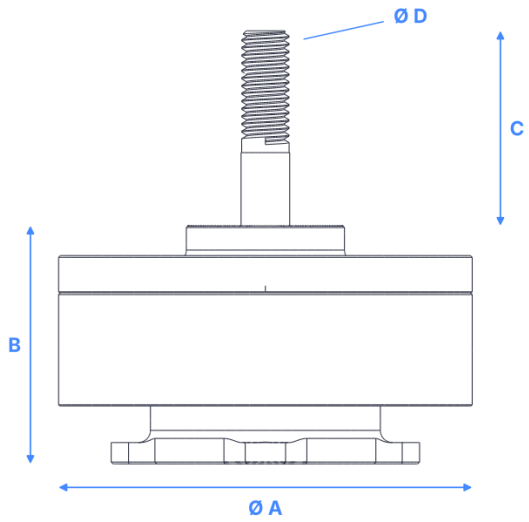
	PROP 26x9.2 · 24 V			
THROTTLE	AMPS (A)	POWER (W)	THRUST (g)	g/W
30%	3.2	77	1390	18.10
40%	6.6	158	2110	13.32
50%	11.4	274	3050	11.15
55%	14.3	343	3590	10.46
60%	17.2	413	3910	9.47
65%	20.4	490	4380	8.95
70%	24.1	578	4830	8.35
75%	27.9	670	5290	7.90
80%	31.4	754	5650	7.50
85%	35.7	857	6110	7.13
90%	39.7	953	6450	6.77
95%	44.1	1058	6830	6.45
100%	49.0	1176	7230	6.15

— ORDERING & CUSTOMISATION

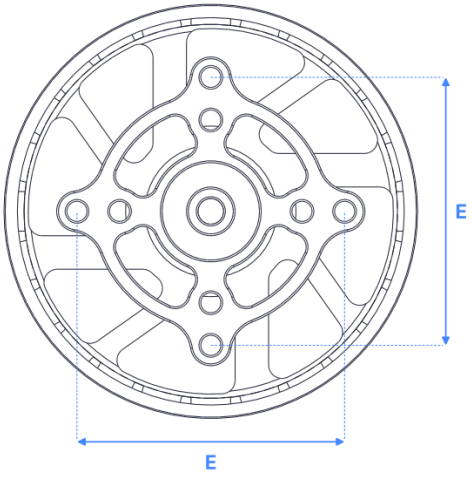
PARAMETER	VALUE
Standard model	6015X-250
Custom options	KV and size to spec
Enquiries	contact@motortechnic.sg

— MECHANICAL DRAWING

SIDE VIEW



MOUNTING FACE



Ø A Diameter = 68 mm
B Length (excl. shaft) = 36.8 mm
C Shaft length = 32.3 mm
Ø D Shaft diameter = 7.8 mm
E x E Mounting pattern (across opposite holes) = 44 x 44 mm
Mounting thread = M3
Lead wires = custom length to order

MTS 6015X · MECHANICAL DRAWING
DRAWN FROM THE CAD MODEL · DIMENSIONS IN MM
Dimensions from engineering data. Not for manufacture.