

16X55 PROPELLER DATASHEET

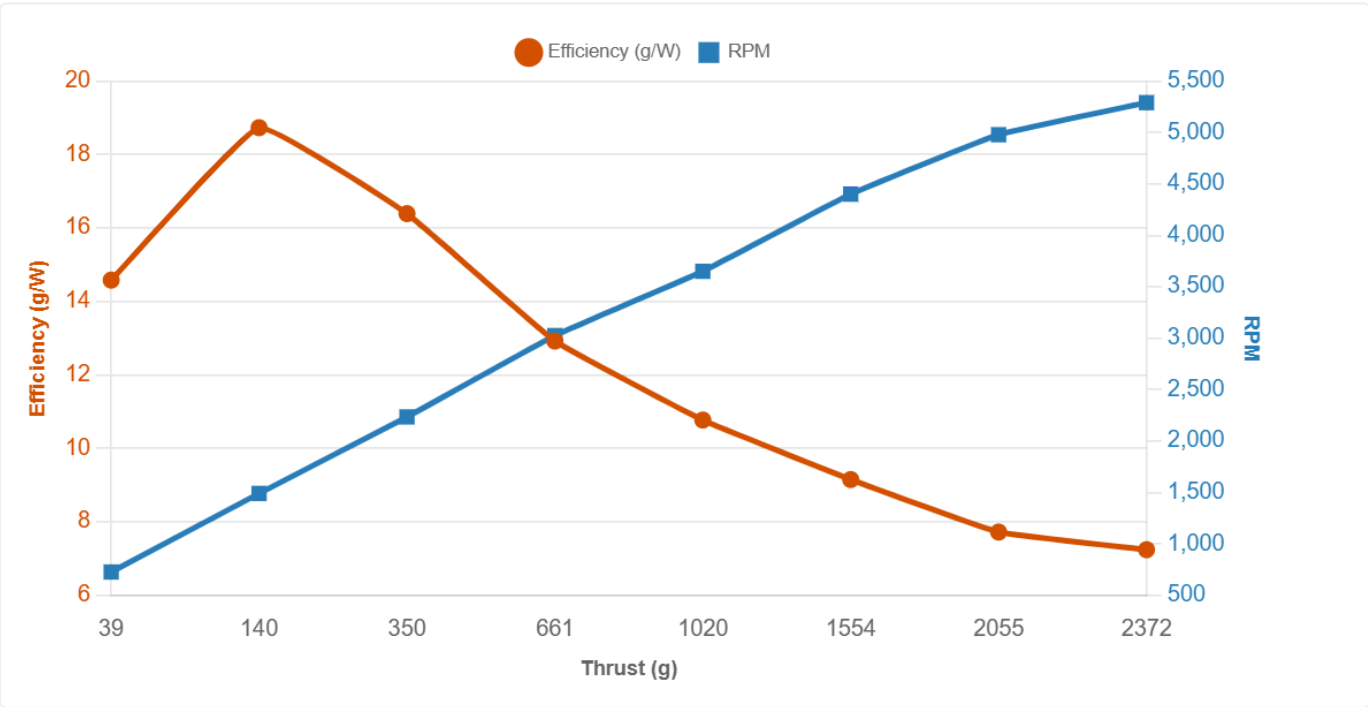
Weight	Diameter	Pitch	Material
34 g	16.0"	5.5"	Carbon Fiber

Technical Parameters

Parameter	Value
Motor	EB-6220, 150KV
Shaft / Core Diameter [mm]	5.0
Hub Dimensions (L×W×T) [mm]	30 × 20 × 3

Static Performance Data

Throttle (%)	Thrust (g)	RPM	Current (A)	Voltage (V)	Power (W)	Torque (Nm)	Efficiency (g/W)
10	39	726	0.05	53.5	2.68	0.035	14.58
20	140	1490	0.14	53.4	7.48	0.048	18.73
30	350	2234	0.40	53.4	21.36	0.091	16.39
40	661	3025	0.96	53.3	51.17	0.162	12.92
50	1020	3650	1.78	53.2	94.70	0.248	10.77
60	1554	4400	3.21	52.9	169.81	0.369	9.15
70	2055	4978	5.05	52.7	266.13	0.511	7.72
75	2372	5290	6.24	52.5	327.60	0.591	7.24



Test Environment: 6s4p Battery, 60A ESC
ReferenceFormulas: Power = V × I | Efficiency = Thrust / Power| Torque = (Power × 60) / (2π × RPM)

Ambient temperature 28°C, Altitude – 40m
Note: Performance data may vary depending on testing standards, equipment, methodology, and environmental conditions.