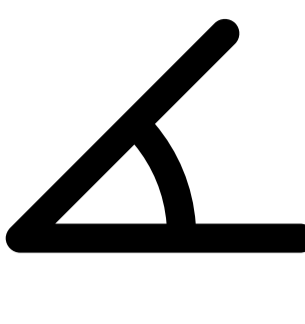



38

Diameter
(inches)


12

Pitch
(inches)


29.3

Maximum
Thrust (kg)


298

Weight
(grams)

Product Specifications

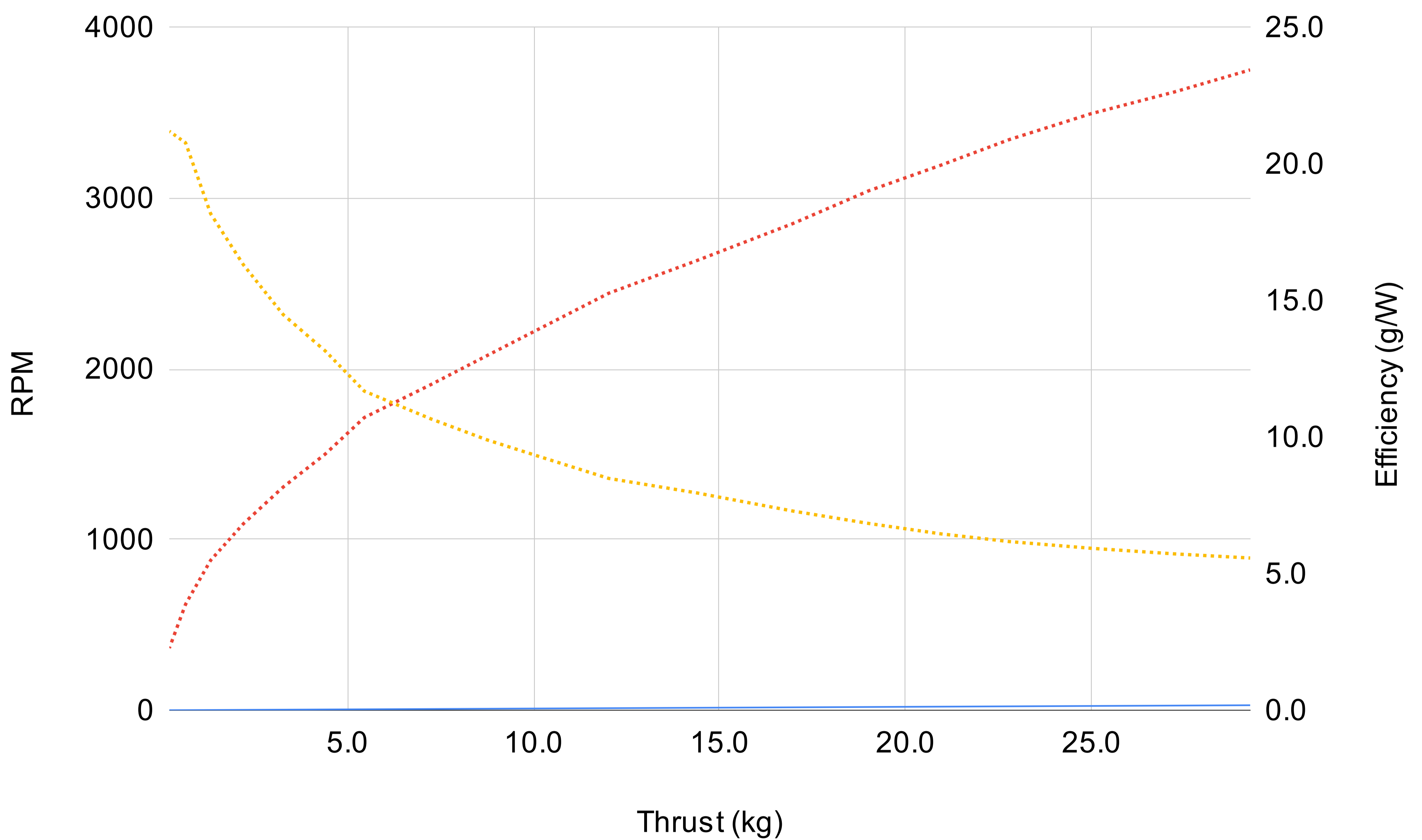
| | |
|----------------|--------------------|
| Model | SRY 38×12 |
| Weight | 255 grams |
| Maximum Thrust | 29.3 kg @ 3750 RPM |

| | |
|-----------------------------|---------------|
| Material | Carbon Fibre |
| Factor of Safety | >2.5 |
| Operating Temperature Range | -40°C to 90°C |

Performance Chart [RPM & Efficiency (g/W) / Thrust (kg)]

■ RPM ■ Efficiency (g/W)

Bench tested at 3000ft (1km) MSL 28°C in Bengaluru



Performance Table

| RPM | Thrust (kg) | Torque (N·m) | Mechanical Power (W) | Efficiency (g/W) |
|------|-------------|--------------|----------------------|------------------|
| 1092 | 2.2 | 1.2 | 135 | 16.3 |
| 1500 | 4.4 | 2.1 | 335 | 13.2 |
| 1907 | 7.2 | 3.4 | 679 | 10.7 |
| 2250 | 10.3 | 4.7 | 1117 | 9.2 |
| 2635 | 14.4 | 6.6 | 1813 | 7.9 |
| 3042 | 19.0 | 8.7 | 2781 | 6.8 |
| 3342 | 22.8 | 10.6 | 3692 | 6.2 |
| 3492 | 25.0 | 11.5 | 4209 | 5.9 |
| 3621 | 27.2 | 12.6 | 4758 | 5.7 |
| 3750 | 29.3 | 13.4 | 5253 | 5.6 |