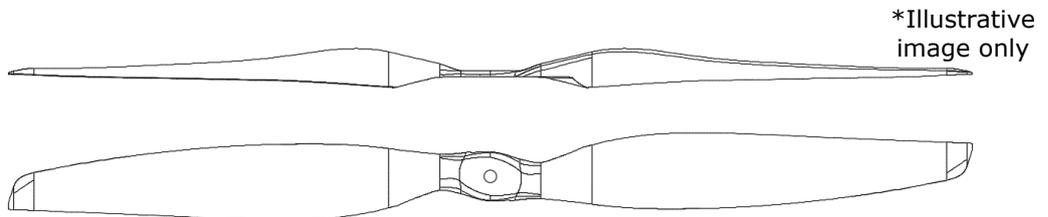


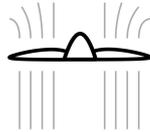
PROPELLER

40x13.3 2B MC

PN: 2401332, 2401333



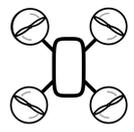
191 g
Mass



62.6 kgf
Max Thrust



40.0"
Diameter



Multicopter

Engine/Motor type: Electric

Rotation direction: Counter-clockwise and Clockwise available (Direction Guide)

Mass [g]: $191 \pm 5.0\%$

Moment of inertia [kgm^2]¹: $1.64\text{e-}02$

Core diameter [mm]: 35.6 (Drilling guide)

Limit hover RPM²: 4500

Limit forward speed [m/s]: Not calculated

Working temperature [°C]: from -20°C to 60°C

Production method: Wet layup

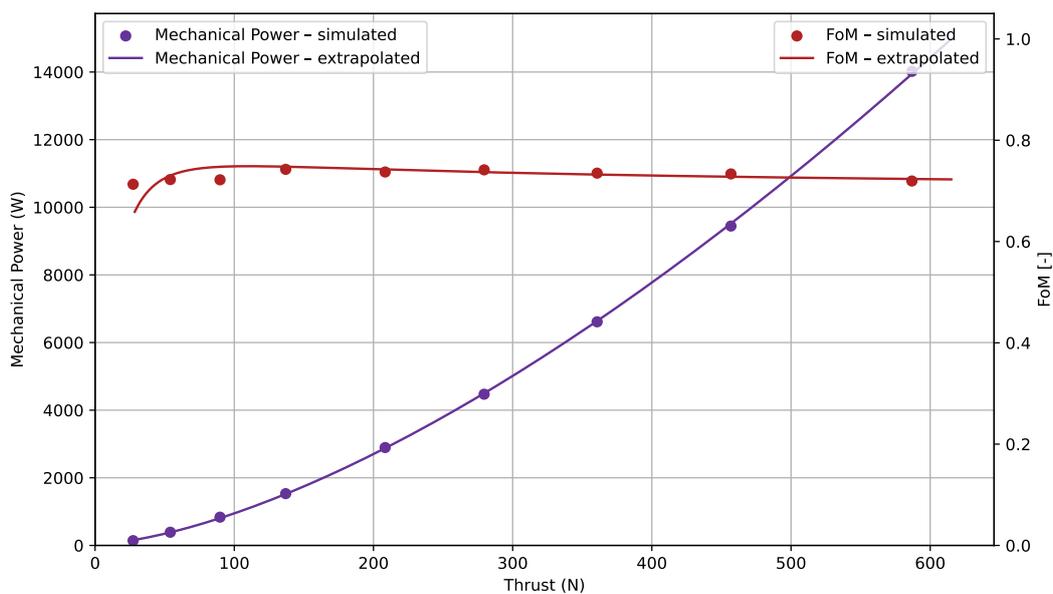
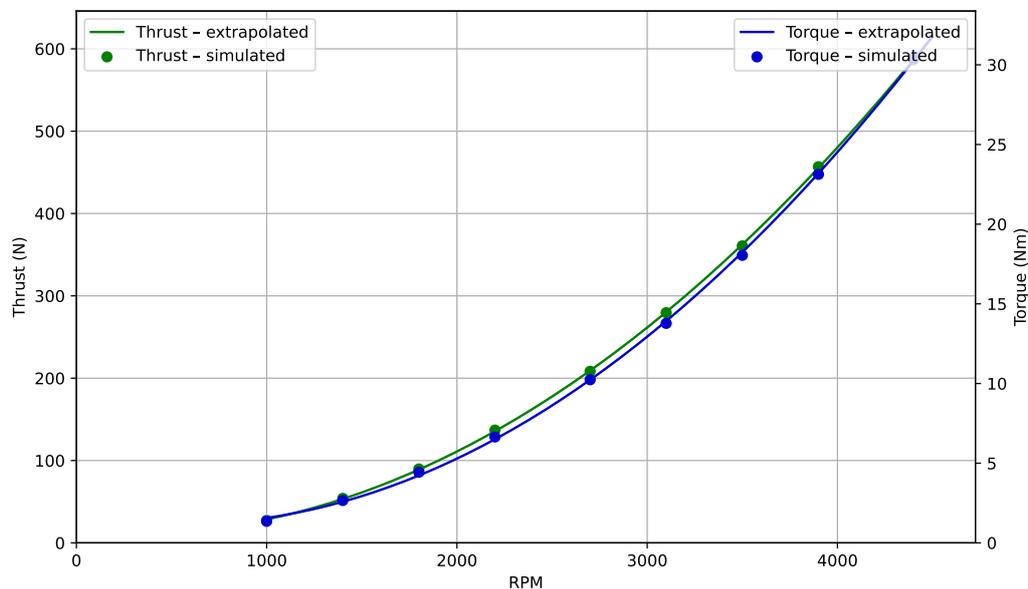
¹ Moment of inertia is only an estimation: $I = \frac{1}{24} \cdot mass \cdot diameter^2 \cdot n^{\circ}ofblades$

² RPM is limited by tip speed; forward speed reduces the limit.

For more information or custom propeller options, contact info@mejlzlik.eu.
Operation manual: Propeller Maintenance and Repair Manual

Static Performance Data

Simulated data



$$\text{Thrust (RPM): } 3.407e - 05 \cdot \text{RPM}^2 + -1.975e - 02 \cdot \text{RPM} + 1.417e + 01$$

$$\text{Torque (RPM): } 1.965e - 06 \cdot \text{RPM}^2 + -2.170e - 03 \cdot \text{RPM} + 1.770e + 00$$

$$\text{Mechanical power (RPM): } \frac{2\pi \cdot \text{Torque}[\text{Nm}] \cdot \text{RPM}}{60}$$

Formulas used to calculate FOM

:

$$C_T = \frac{T}{\rho RPS^2 D^4}$$

$$C_P = \frac{P_{mech}}{\rho RPS^3 D^5}$$

$$FOM = \sqrt{\frac{2}{\pi} \frac{C_T^{3/2}}{C_P}}$$