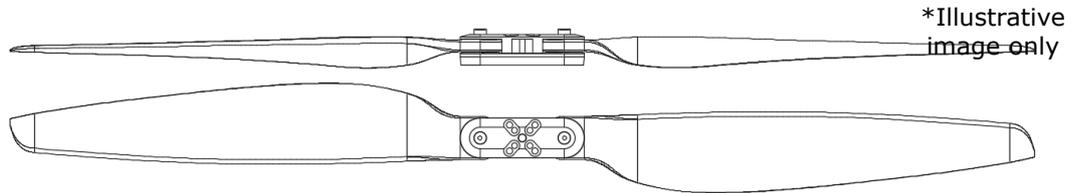


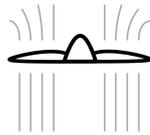
# PROPELLER

## 20x6.7 2B MC Folding

PN: 22000672, 22000673, 22000674, 22000675



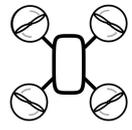
62 g  
Mass



15.2 kgf  
Max Thrust



20.0"  
Diameter



Multicopter

Engine/Motor type: Electric

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

Features: Folding Blades

Mass [g]:  $62 \pm 10.0\%$

Moment of inertia [ $\text{kgm}^2$ ]<sup>1</sup>:  $1.33\text{e-}03$

Center hole diameter [mm]: 6

Drilling pattern [mm]: -

Limit hover RPM<sup>2</sup>: 9000

Limit forward speed [m/s]: Not calculated

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

Production method: Wet layup

<sup>1</sup> Moment of inertia is only an estimation:  $I = \frac{1}{24} \cdot \text{mass} \cdot \text{diameter}^2 \cdot n^{\circ} \text{ of blades}$

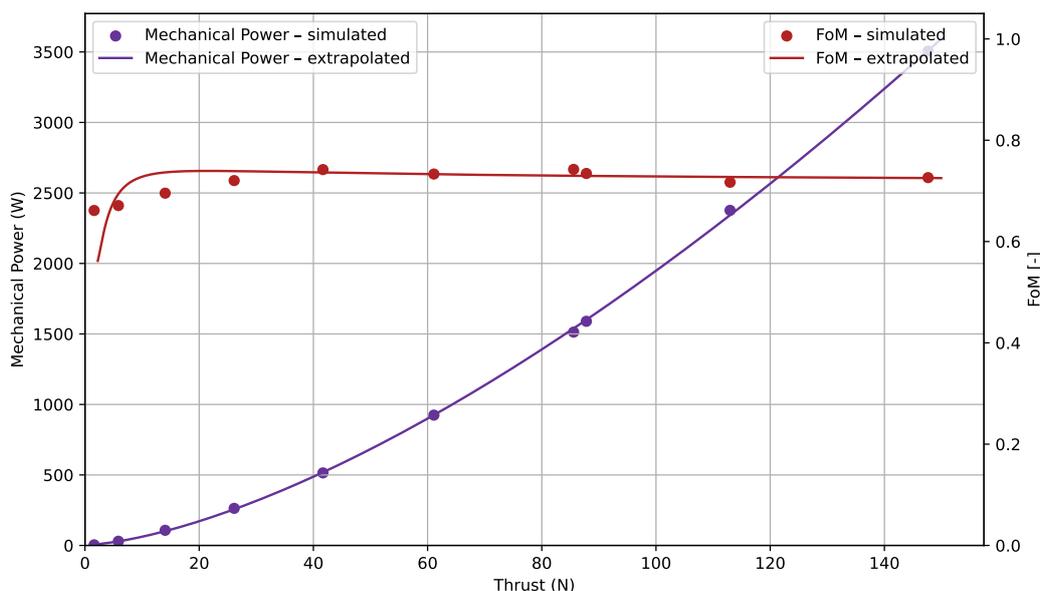
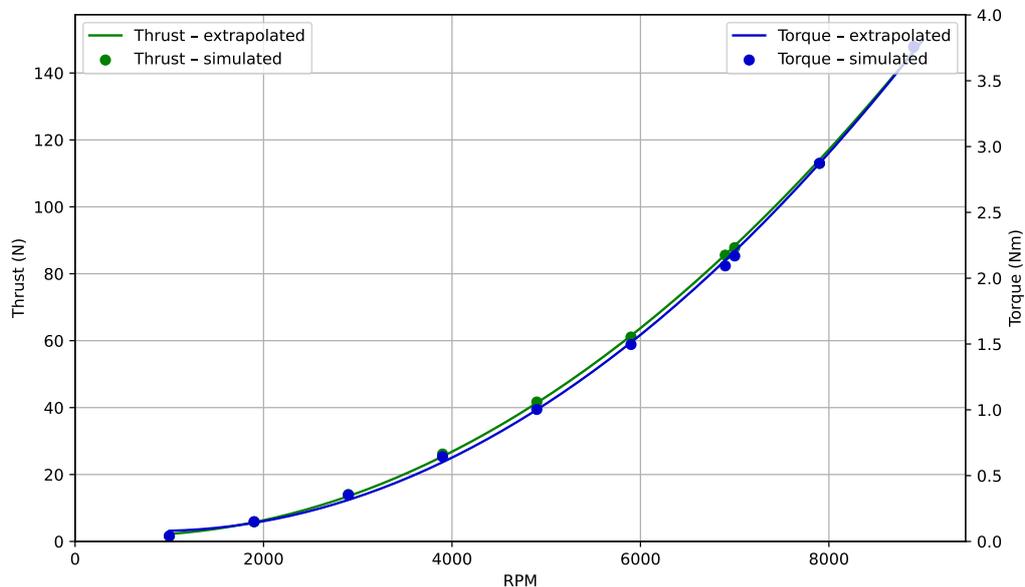
<sup>2</sup> RPM is limited by tip speed; forward speed reduces the limit.

For more information or custom propeller options, contact [info@mejzlik.eu](mailto:info@mejzlik.eu).

Operation manual: Propeller Maintenance and Repair Manual

# Static Performance Data

Simulated data



$$\text{Thrust (RPM): } 2.054e - 06 \cdot \text{RPM}^2 + -2.080e - 03 \cdot \text{RPM} + 2.265e + 00$$

$$\text{Torque (RPM): } 5.621e - 08 \cdot \text{RPM}^2 + -9.579e - 05 \cdot \text{RPM} + 1.206e - 01$$

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

Formulas used to calculate FOM :  $C_T = \frac{T}{\rho RPS^2 D^4}$      $C_P = \frac{P_{mech}}{\rho RPS^3 D^5}$      $FOM = \sqrt{\frac{2}{\pi} \frac{C_T^{3/2}}{C_P}}$