

Enter Design Parameters and press the 'Design It!' button.

Propeller Name:

Number of Blades B: [-]

Velocity of Rotation n: [1/min]

Diameter D: [m]

Spinner Dia. Dsp: [m]

Velocity v: [m/s]

Power P: [W]

☐ shrouded rotor

☐ square tip

$v/(nD)$	0,18	$v/(\Omega R)$	0,057
Efficiency η	64,814 %	loading	low
Thrust T	648,14 N	Ct	0,0023
Power P	3 kW	Cp	0,0006
β at 75%R	7,6°	Pitch H	314 mm

Remark: The RPM setting is also used for Analysis page.

Design It!

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