

## PRODUCT INFORMATION



**HOFFMANN  
PROPELLER**



# HO-V62

**MECHANICAL VARIABLE  
PITCH PROPELLER**

**SAFETY, PERFORMANCE, AFFORDABILITY AND SERVICE**

# HO-V62

## Mechanical variable Pitch Propeller

Our classic in the motor glider segment is a 2-blade propeller, with a hub made of forged aluminum and blades crafted from a wood composite with fiberglass (GFK). We manufacture the blades with a robust aluminum leading edge.

The original version of the propeller had a mechanical start and feathering position and was developed for the first generation of motor gliders.

In the further developed HO-V 62-R version, a cruising position was added to the propeller.

The transition from start to cruise position can be done while the engine is running, but the feathering position is only possible when the engine is stationary.

### TECHNICAL DATA

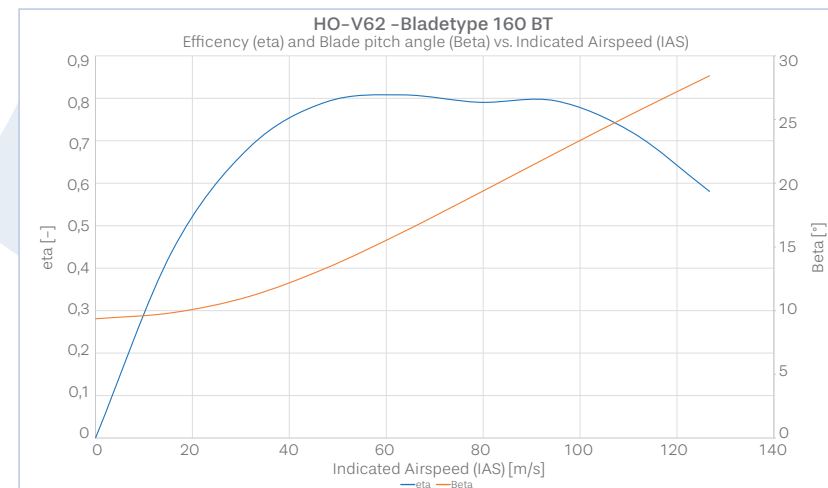
$P_{\max}$	75 KW (depends on diameter and rpm)
$n_{\max}$	3600 1/min (depends on diameter and power)
Number of blades:	2
Diameter max:	67 inch
Pitch change range:	about 75 deg
Weight: HO-V62 (67) HO-V62R (67)	About: 20 lbs About: 22 lbs
Polar moment of inertia:	About 1700 lbs in <sup>2</sup>
Mounting flange:	80 mm bolt circle diameter, 6 studs 7/16-20 UNF, Centre bore 47 mm diameter

Proven applications for our HO-V62 include:

- Scheibe SF 25: HO-V62-(R) / L 150 A
- ASK 16: HO-V62-R / L 160 BT
- Dimona H36: HO-V62-R / L 160 BT
- Ximango: HP-V62-R-1 / 170 FA

For optimal effectiveness of the propeller on your aircraft, the blade angle must be correctly adjusted. This requires strict adherence to the specified idle speeds provided by the motor glider manufacturer. You can also obtain our HO-V62 as a hydraulic constant speed propeller, with or without a feathering mechanism.

The data listed here are approximate values. For precise propeller specifications, refer to the EASA Equipment Data Sheet P.O65. Additionally, the propeller is also certified by the FAA-P7EU.



# Hoffmann Propeller

right in front  
of the aircraft



**HOFFMANN  
PROPELLER**

Solutions for General Aviation Hovercraft, Vintage Aircraft, UAV,  
Aerobatic, Wind Tunnel & various other applications

Manufacture, maintenance and service of fixed, adjustable and  
variable pitch propellers made of wood

Sales, Maintenance, and Service for Leading Propeller and Governor  
Manufacturers (such as Hartzell, McCauley, Woodward, and others)

Since 1955 Experience in propeller development and propeller  
overhaul

EASA and FAA approved shop

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