

June 5, 2025

HydroComp, Inc.

# HydroComp PropExpert® 2025 What's New

*New features for the industry's most popular propeller sizing program*

Development in 2025 for HydroComp PropExpert offers new technical features and workflow improvements.

## Release Build 2025.0

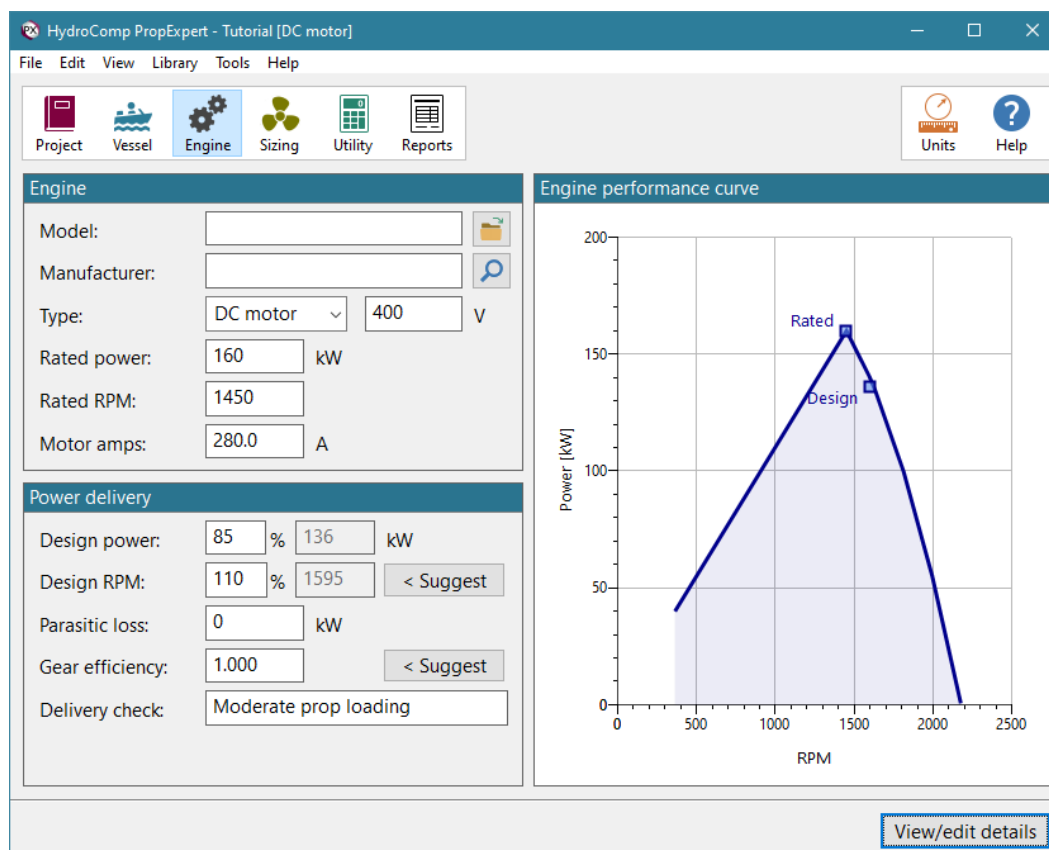
### Miscellaneous

- Updated Vessel page plot for better speed range.
- Updated prop loading "Delivery check" for defined engine power.
- Added new Feathering propeller type and  $T$  &  $P$  factor recommendations.

### Extended support for electric motors

The DC motor option now allows for the definition of motor volts and amps (at 100% rated shaft power), as well as the prediction of operational motor load amps and annual duty profile amp-hrs. Partial motor load efficiencies utilize prediction models developed from in-house studies. Also planned for 2025 is the introduction of three-phase PMAC motors.

This latest feature is designed for professionals working with electric motors for marine propulsion, catering to both small and large vessels.



## **About HydroComp PropExpert**

For additional information, click to: [www.hydrocompinc.com/solutions/propexpert](http://www.hydrocompinc.com/solutions/propexpert)

## **About HydroComp**

For over four decades, HydroComp has been a trusted innovator in hydrodynamic software and services, specializing in resistance and propulsion prediction, propeller sizing and design, and forensic performance analysis. With a comprehensive suite of solutions, HydroComp supports more than 1400 clients worldwide, including naval architecture firms, shipyards, yacht owners, vessel operators, propeller designers, universities, and military organizations.

### **For more information, please contact:**

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