

May 7, 2026

# HydroComp PropExpert® 2026 What's New

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

Development in 2026 for HydroComp PropExpert offers new technical features and workflow improvements.

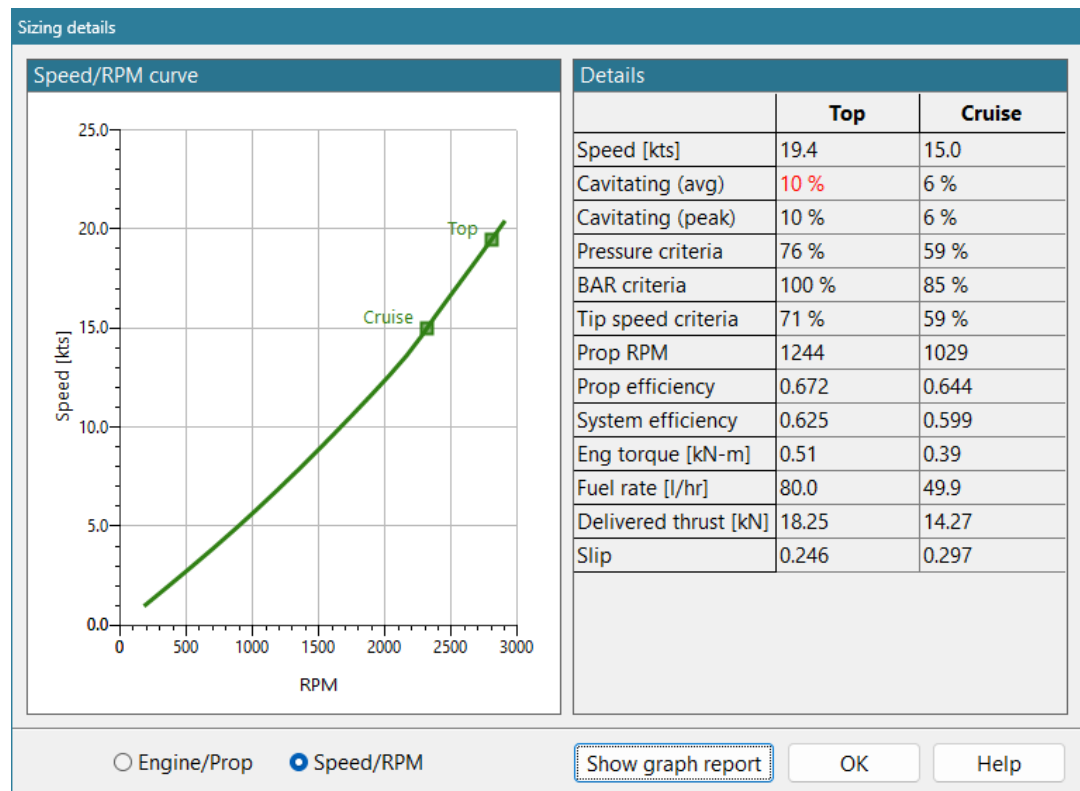
## Release Build 2026.1

### Miscellaneous

- Streamlined online license security connections.
- Updated scope of *Preliminary speed and power* plot on *Vessel* page.

### New Speed/RPM plot on *Sizing Details*

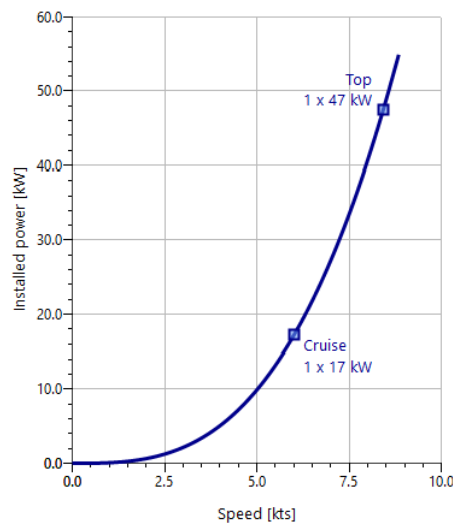
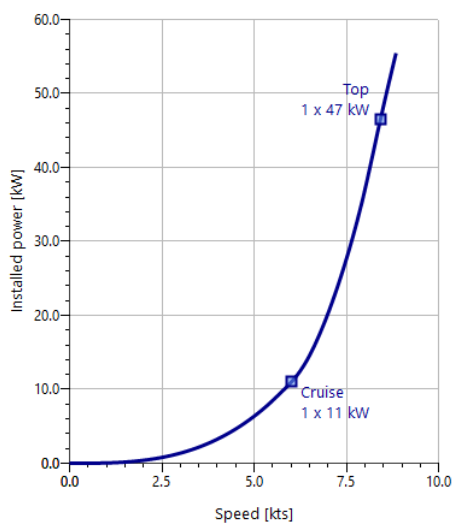
A new plot showing estimated values for Speed vs RPM is available on the *Sizing Details* form. This correlates engine RPM to speed in a similar way as is done for the propeller's Power vs RPM in the Engine/Prop curve. This curve can be shown a plot report or as a document page in *Reports*.



### Updated *Sailing Yacht* speed-power prediction

A new in-house study has resulted in an updated speed prediction for the *Sailing Yacht* vessel type. Based on user feedback, it was determined that the prior prediction algorithm was very good at top speed – particularly at speeds approaching the traditional “hull

speed” – but was over-predicting at lower speeds. Our new method retains the prior prediction fidelity at the critical reference top speed (i.e., at FN=0.4) and fits a newer speed profile above and below. The characteristics of the profile were generated using model test data (including hulls from the Delft sailing yacht hull series) to determine appropriate shape and transition points. See the plots below of new and old curve shapes.



## Release Build 2026.0

### Miscellaneous

- First limited release of PropExpert 2026.

### About HydroComp PropExpert

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

### About HydroComp

Since 1984, HydroComp has been a leader in providing hydrodynamic software and services for resistance and propulsion prediction, propeller sizing and design, and forensic performance analysis. Through its unique array of software packages and services, HydroComp now serves over 1400 naval architectural design firms, shipyards, yacht owners, ship operators, propeller designers, universities, and militaries around the globe.

**For more information, please contact:**

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