

FOR IMMEDIATE RELEASE
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PropExpert 2004

Introducing the new developments made to PropExpert 2004 - HydroComp's propeller selection tool specifically prepared for work boats and pleasure craft.

HydroComp, Inc. of Durham, NH USA announces the release of **PropExpert 2004** - the newest version of HydroComp's award-winning propeller sizing software. The streamlined interface built upon the well-known and user-friendly PropExpert architecture is even more useful and efficient in PropExpert 2004. The engineers at HydroComp have added many exciting **new features** to PropExpert, such as:

1. A new data file system, which will allow a company to setup a common project directory for all users.
2. Reports in HTML format to enable easy distribution of reports to clients and customers.
3. A host of new features to improve user efficiency - quick printout of data entry forms, immediate selection of recent projects, supplemental cupping definition, and easier design speed options.
4. Features to insure full understanding of data and results, including immediate graphical plots, enhanced help information, and basic engine/propeller resonance checking.

HydroComp PropExpert 2004 - Basic sizing

File Edit View Library Help

Project Vessel Engine Sizing Utility Reports Help

Propeller

Model:

Manufacturer: Generic

Series: GawnAEV

Blades: 4

Blade area ratio: Size 0.726

Diameter: Size 580 mm

Pitch: Size 637 mm

Gear ratio: Keep 2.250

Cup type: [None]

Cup drop: 0 mm

Material: Mn Bronze

Speed

Calc. sizing for: Top

Design speed: 19.4 kts

Calc'd max. speed: 19.4 kts

Build

Summary results

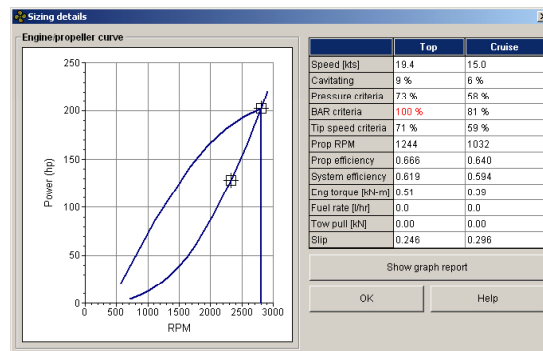
	Top	Cruise
Speed [kts]	19.4	15.0
Engine RPM	2000	2322
Power [hp]	202	128
Thrust [kN]	9.71	7.63
Cavitation	OK	OK
Strength	Check	OK

Details

Factors: T: 1.000 P: 1.030

MWFR/BTF: M: 0.000 B: 0.000

View details



Built upon nearly 20 years of technical development by the experts at HydroComp, PropExpert is the most thorough propeller sizing tool to be found anywhere. Hundreds of the world's propeller, transmission and engine companies rely on PropExpert's unmatched capabilities. Please contact HydroComp for additional information about PropExpert 2004.

Graphics: **PropExpert2004Screen.jpg** [179 KB]; **PropExpert2004SizingDetails.jpg** [135 KB]

For more information, please contact:

HydroComp, Inc.
13 Jenkins Ct, Suite 200
Durham, NH 03824 USA
Tel (603)868-3344
Fax (603)868-3366
info@hydrocompinc.com
www.hydrocompinc.com