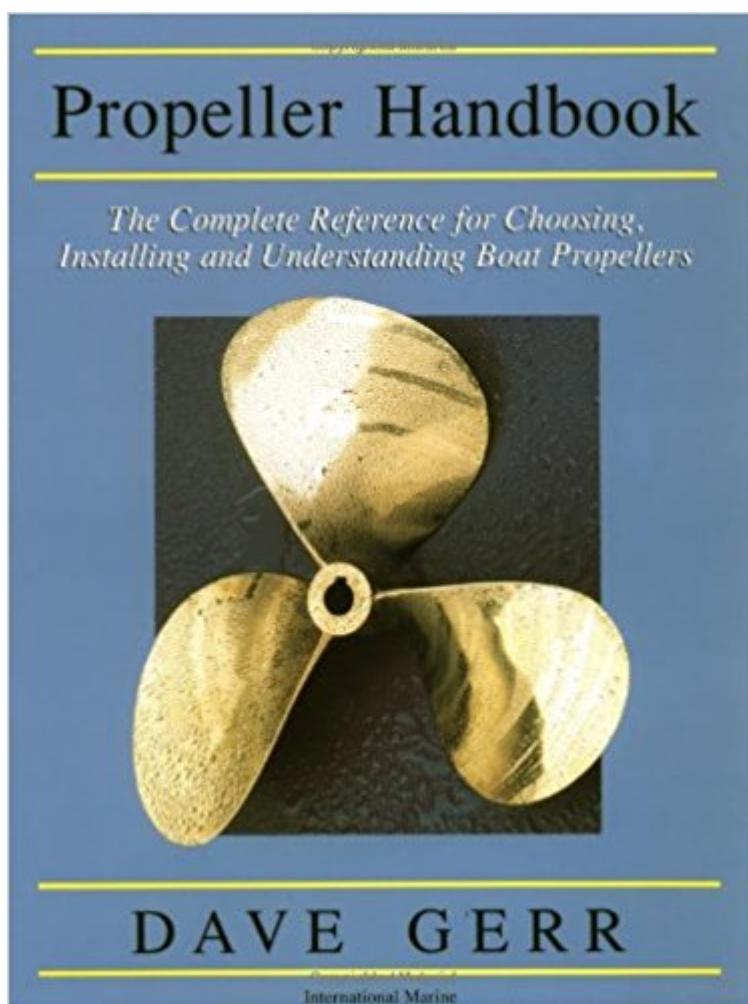


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# The Propeller Handbook: The Complete Reference For Choosing, Installing, And Understanding Boat Propellers



## Synopsis

On the surface, choosing the correct propeller for a particular boat seems simple. But one factor affects another, which then affects another factor, leading many boaters to believe that propeller selection depends more on black magic than logic. All the questions are answered in this complete reference, the first of its kind. This clear, easy-to-use handbook for all small boats is written not for Ph.D.s seeking the latest wrinkle in high-tech propeller design, but as a practical aid for the average mechanic, engineer, boatbuilder, fleet operator, serious yachtsman, or naval architect.

## Book Information

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## Customer Reviews

"By far the best available book on the subject." -- Sailing "The best explanation of (propeller) formulas and theories that I've ever seen-not exactly bedtime reading, mind you, but propellers don't get any better than this." -- The Society of Bat and Yacht Designers "The best layman's guide we've read." -- Practical Sailor "This book is likely to get dog-eared, scribbled on, greasy-thumbprinted, and highlighted. Buy two copies, because the first one will probably wear out fast." -- WoodenBoat -- This text refers to an out of print or unavailable edition of this title.

Why won't your engine reach its top rated RPMs? Why is your propeller shaft vibrating? Why doesn't your boat reach the top speed claimed by the manufacturer? Will more or less propeller

pitch improve your boat's performance? Is a square wheel (pitch equals diameter) best? Is a folding prop best for your purposes? Should you choose a two-, three-, or four-bladed propeller? All these questions and more are answered in this complete reference--the first of its kind. "We have highly recommended the Propeller Handbook to our distributors and repair stations, and have multiple office copies that our sales people refer to."--Michigan Wheel Corporation "This book will answer almost every propeller-related question you're likely to come across."--Ensign "Without doubt the definitive reference for selecting, installing, and understanding boat propellers."--Royal Navy Sailing Association Journal "This book is for everyone who has ever had to make a decision about a propeller: mechanics, boatbuilders, boat service yard owners, boat owners, as well as naval architects. Dave Gerr and International Marine made a complicated topic understandable and put it into a handbook that is easy to use."--WoodenBoat

very informative

This book was delivered to my door. Received in excellent condition. Just by glancing briefly through the book my knowledge has increased. Thank you for 5 Star service and also to the author, Dave Gerr for a fantastic publication. Greatly appreciated.

I needed to re-prop and there is nobody in the country with the information I needed for my 15 meter full displacement boat. I learned enough from this book and some study of the contents to do a very satisfactory calculation for a new prop. Is it perfect? I do not know, but it is certainly better than what I had! Very informative as well.

Very complete and informative. As an "amateur," a lot of useful information, and more than I'll probably ever need or use.

Good source of info on boat propeller design and theory. But, not enough on outboard props, semi-surfacing props, etc.

This book is not user friendly, it's really for professionals. It's difficult to read, but if you have a bit of background knowledge, it will help you from interested reader into a professional. For calculating new props on a new boats, this guide will give you all the answers you ever needed and then some more. It's amazing to see how many props are not setup right, once you understand the dynamics.

This is the one-stop shop for learning about props and the right prop for your boat. Whether you want to learn a little bit or all about it, this book will do the trick. Plenty of appeal for the professional engineer and the amateur. Full of useful and informative diagrams, easy-to-read with examples from real-life, this book will propel (sorry) your knowledge to a new level.

Comprehensive but easy to follow treatment of the subject. Gerr has a real knack for presenting technical stuff.

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