

1. Record Nr.	UNINA9911022375803321
Autore	Russell Paul Anthony
Titolo	Motor engineering knowledge for marine engineers / / Paul A. Russell, Thomas D. Morton, Leslie Jackson and Anthony S. Prince
Pubbl/distr/stampa	London : , : Reeds, , 2025
ISBN	1-3994-2675-3 1-3994-1445-3 1-3994-1447-X
Edizione	[1st edition.]
Descrizione fisica	1 online resource (400 pages) : illustrations
Collana	Reeds marine engineering and technology series ; ; vol. 12
Disciplina	623.80711
Soggetti	Electric motors - United States Marine engineering - United States Electric motors Marine engineering Ship design & naval architecture Shipbuilding technology, engineering & trades
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Developed to complement Reeds Vol 8 (General Engineering for Marine Engineers), this indispensable textbook comprehensively covers the motor engineering syllabus for marine engineering officer cadets. Starting with the theoretical and practical thermodynamic operating cycles, the book is structured to give a description of the engines and components used to extract energy from fossil fuels and achieve high levels of efficiency. Accessibly written and clearly illustrated, this book is the only guide available for marine engineering students focusing on the knowledge needed for passing the motor engineering certificate of Competency (CoC) examinations. This new edition reflects all developments within the discipline and includes updates and additions on, amongst other things: -Engine emissions and control engineering - Fuel injection -Starting and reversing -Ancillary supply systems -Safety and the environment Plus updates to many of the technical engineering

drawings.
