
**Small craft — Determination of
maximum propulsion power rating
using manoeuvring speed —**

**Part 2:
Craft with a length of hull between 8 m
and 24 m**

*Petits navires — Détermination de la puissance maximale de
propulsion en utilisant la vitesse de manoeuvre —*

*Partie 2: Bateaux d'une longueur de coque comprise entre 8 m et 24
m*



This document is a preview generated by EKO



COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General requirements	2
5 Test procedures	3
5.1 Purpose of the tests	3
5.2 Craft preparation	3
5.3 Test conditions	4
6 Quick turn test	4
7 Avoidance line test	4
8 Documentation	6
9 Warning labels	6
10 Owner's manual	7
11 Engine power label	7
Bibliography	8

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 188, *Small craft*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 464, *Small craft*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 11592-2:2019), of which it constitutes a minor revision. The changes compared to the previous edition are as follows:

- the dates of the normative references have been corrected in [Clause 2](#) and throughout the standard;
- the text that referenced [Figure 1](#) has been corrected in [Clause 7](#);
- reference to the CIN has been deleted from [Clause 8](#);
- in [Clause 10](#), the first paragraph has been slightly reworded as a Note, so as to clearly make an informative reference to ISO 10240, which has been moved from [Clause 2](#) to the Bibliography.

A list of all parts in the ISO 11592 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Small craft — Determination of maximum propulsion power rating using manoeuvring speed —

Part 2:

Craft with a length of hull between 8 m and 24 m

1 Scope

This document specifies the requirements for determining the maximum propulsion power rating using manoeuvring speed for engine-driven craft with a length of the hull (L_H , as defined in ISO 8666) between 8 m and 24 m.

This document is applicable to craft with a calculated Froude number (F_n) $\geq 1,1$.

This document is not applicable to:

- inflatable craft, as defined by ISO 6185-4;
- craft designed and constructed solely for competitive racing (racing craft);
- craft primarily designed not to be engine driven.

This document does not specify craft constructional strength requirements related to maximum propulsion power rating and does not guarantee stability under all conditions of seaway, wind, wakes and waves.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 7010:2019, *Graphical symbols — Safety colours and safety signs — Registered safety signs*

ISO 10087:2019, *Small craft — Craft identification — Coding system*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

engine power

engine manufacturer's declared power

Note 1 to entry: Engine power rated as specified in ISO 8665.