

Ships and marine technology — Weathertight single-leaf steel doors

The European Standard EN ISO 6042:2000 has the status of a
British Standard

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National foreword

This British Standard is the official English language version of EN ISO 6042:2000. It is identical with ISO 6042:1998. It supersedes BS MA 38:1973 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee SME/32, Ships and marine technology — Steering committee, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

NOTE When the standard was published as an International Standard, the United Kingdom did not implement it as a British Standard as it was considered inferior to the existing BS MA 38:1973. The requirements contained in the International Standard were not as carefully defined or as rigorous. Furthermore, the possibility remains that some of the door handles defined in the standard can be forced open by vibration and their own weight. The United Kingdom voted negatively at every ballot stage of the draft and voiced vigorous objections to this design. The United Kingdom's objections were finally acknowledged as being correct but the European Committee decided to press on and publish the standard regardless. With the adoption of the International Standard as a European Standard, the United Kingdom is obliged to implement it as the national standard superseding BS MA 38:1973. Therefore, care should be taken when following this standard that any statutory or classification society requirements are still met.

Cross-references

Attention is drawn to the fact that CEN and CENELEC Standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications may be found in the BSI Standards Catalogue under the section entitled "International Standards Correspondence Index", or by using the "Find" facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, the EN ISO foreword page, the ISO title page, page ii, pages 1 to 11 and a back cover.

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This British Standard, having been prepared under the direction of the Engineering Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 July 2000

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Amendments issued since publication

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English version

**Ships and marine technology - Weathertight single-leaf steel
doors (ISO 6042:1998)**

Navires et technologie maritime - Portes en acier à un seul
battant, étanches aux intempéries (ISO 6042:1998)

Schiffe und Meerestechnik - Wetterdichte einflügelige
Türen aus Stahl (ISO 6042:1998)

This European Standard was approved by CEN on 17 September 1999.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

Although this European Standard has been developed in one language only in accordance with Resolution BT 74/1997 related to the one language experiment, it exists in accordance with the CEN/CENELEC Internal Regulations in the three official versions (English, French, German).

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

The text of the International Standard from Technical Committee ISO/TC 8 "Ships and marine technology" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 300 "Sea-going vessels and marine technology", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2000, and conflicting national standards shall be withdrawn at the latest by October 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 6042:1998 has been approved by CEN as a European Standard without any modification.

INTERNATIONAL STANDARD

EN ISO 6042:2000

**ISO
6042**

Second edition
1998-08-15

Ships and marine technology — Weathertight single-leaf steel doors

*Navires et technologie maritime — Portes en acier à un seul battant,
étanches aux intempéries*



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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75% of the member bodies casting a vote.

International Standard ISO 6042 was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 8, *Structures*.

This second edition cancels and replaces the first edition (ISO 6042:1980), of which it constitutes a technical revision.

Amendments

The following amendments have been made to the first edition (1980-11-01).

- a) The opening direction has been defined.
- b) The door type FBR (corner radius 100 mm) has been added.
- c) The nominal sizes of doors have been related to position 1 or 2 according to LLC66.
- d) Doors with eight clips have been dropped.
- e) Doors with four clips have been added.
- f) The inclined and vertical position of the door-seal retaining bar has been admitted.
- g) The tolerances for L and B have been changed.
- h) The distance between the hinge's pivot and the door frame has been changed from 55 mm to 60 mm.
- i) A statement, that the door seal may also be constructed as hollow sections, has been added.
- j) The minimum tensile strength of the steel for door plates, frames, hinges, etc. has been changed to 340 N/mm².
- k) The designation has been added.
- l) The standard has been editorially revised.

Annex A of this International Standard is for information only.