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**Ships and marine technology —
Hinged watertight doors**

Navires et technologie maritime — Portes étanches à charnières

Sample Document

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Foreword

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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).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword — Supplementary information](#).

The committee responsible for this document is ISO/TC 8, *Ships and marine technology*, Subcommittee SC 8, *Ship design*.

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Ships and marine technology — Hinged watertight doors

1 Scope

This International Standard specifies the classification, marking and requirements for packaging, storage and transportation of hinged watertight doors (hereinafter referred to as watertight doors).

This International Standard is applicable to the design, fabrication and acceptance of the watertight doors capable of bearing the pressure from both inside and outside due to a headwater up to 10 m.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 8501-1, *Preparation of steel substrates before application of paints and related products — Visual assessment of surface cleanliness — Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings*

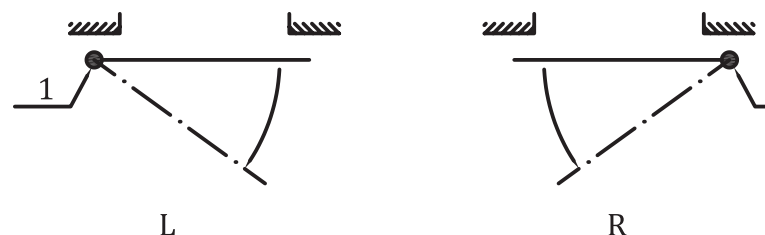
IEC 60529, *Degrees of protection provided by enclosures (IP Code)*

3 Classifications and marking

3.1 Opening direction

Depending on the opening direction, watertight doors shall be classified into the following two types (see [Figure 1](#)):

- Type L-Left-hand watertight door (hinge stays left side viewed from where people are standing);
- Type R-Right-hand watertight door (hinge stays right side viewed from where people are standing).



Key

- 1 hinge
- L left-hand
- R right-hand

Figure 1 — Opening direction

3.2 Structure and dimensions

3.2.1 The structure and main dimensions of watertight doors shall be in compliance with [Figure 2](#) and [Table 1](#).