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Ships and marine technology — Hinged watertight doors

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Foreword

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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)*

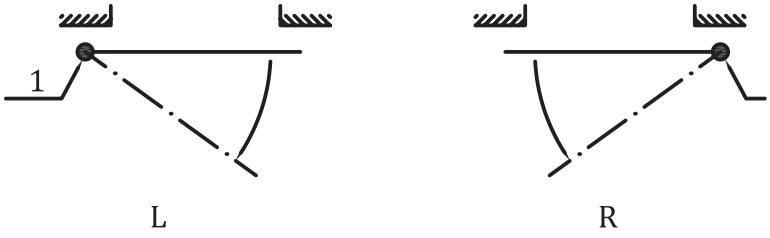
3 Classifications and marking

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.

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