



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN ISO 8849:2003

ICS 47.080

National Standards
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SMALL CRAFT - ELECTRICALLY OPERATED

DIRECT-CURRENT BILGE-PUMPS

(ISO 8849:2003)

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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 8849

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ICS 47.080

Supersedes EN 28849:1993

English version

**Small craft - Electrically operated direct-current bilge-pumps
(ISO 8849:2003)**

Petits navires - Pompes de cale à moteur électrique en
courant continu (ISO 8849:2003)

Kleine Wasserfahrzeuge - Elektrisch angetriebene
Bilgepumpen (ISO 8849:2003)

This European Standard was approved by CEN on 1 September 2003.

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 Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

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



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

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EN ISO 8849:2003 (E)

Foreword

This document (EN ISO 8849:2003) has been prepared by Technical Committee ISO/TC 188 "Small craft", the secretariat of which is held by CMC.

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of an identical text or by endorsement, at the latest by April 2004, and conflicting national standards shall be withdrawn at the latest by April 2004.

This document supersedes EN 28849:1993.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

NOTE FROM CMC The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

Endorsement notice

The text of ISO 8849:2003 has been approved by CEN as EN ISO 8849:2003 without any modifications.

Annex ZA

(informative)

Clauses of this European Standard addressing essential requirements or other provisions of EU Directives

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports essential requirements of EU Directive 94/25/EEC.

WARNING: Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

The following clauses of this standard, as detailed in table ZA, are likely to support requirements of Directive 94/25/EEC.

Compliance with the clauses of this standard provides one means of conforming with the specific essential requirements of the Directive concerned and associated EFTA regulations.

Table ZA: Correspondence between this European Standard and EU Directives

Clauses/sub-clauses of this European Standard	Corresponding annexes/paragraphs of Directive 94/25/EEC	Comments
All clauses	Annex I, Clause 3.5, Flooding Annex I, Clause 5.3, Electrical system	Electric bilge pumps in compliance with this standard are designed to be suitable for recreational craft
4.2	Annex II, Components, 1, Ignition-protected equipment for inboard and stern drive engines	

INTERNATIONAL STANDARD

**ISO
8849**

Second edition
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Small craft — Electrically operated direct-current bilge pumps

Petits navires — Pompes de cale à moteur électrique en courant continu



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