

Inland navigation vessels — Studless anchor chain — Cable lifter

The European Standard EN 14874:2005 has the status of a
British Standard

ICS 47.020.50; 47.060

National foreword

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The UK participation in its preparation was entrusted by Technical Committee SME/32, Ships and marine technology, to Subcommittee SME/32/7, Inland navigation vessels, which has the responsibility to:

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 14, an inside back cover and a back cover.

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 25 January 2006

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ISBN 0 580 47597 2

Amendments issued since publication

Amd. No.	Date	Comments

ICS 47.020.50; 47.060

English Version

Inland navigation vessels - Studless anchor chain - Cable lifter

Bateaux de navigation intérieure - Chaîne d'ancre sans
pignon - Pignon à chaîne

Fahrzeuge der Binnenschifffahrt - Steglose Ankerkette -
Kettenscheibe

This European Standard was approved by CEN on 19 October 2005.

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Foreword

This European Standard (EN 14874:2005) has been prepared by Technical Committee CEN/TC 15 "Inland navigation vessels", 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of an identical text or by endorsement, at the latest by May 2006, and conflicting national standards shall be withdrawn at the latest by May 2006.

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

Introduction

This European Standard has been prepared as round steel link studless anchor chains as specified in EN 14330 with a pitch of $2,8\ d$ have proved successful with the accessories specified in EN 14606 in inland navigation.

The cable lifter is designed for round steel link chains as specified in EN 14330, but not for the passage of accessories, in particular, Kenter-type joining shackles as specified in EN 14606.

Cable lifters for stud-link anchor chains are standardized in ISO 21.

1 Scope

This standard applies to cable lifters for round steel link chains according to EN 14330 for inland navigation vessels.

It specifies requirements, dimensions, materials, the designation and testing.

2 Normative references

The following referenced documents are indispensable for the application 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.

EN 1561:1997, *Founding — Grey cast irons*

EN 13711, *Inland navigation vessels — Winches for ship operation — Safety requirements*

EN 14330, *Inland navigation vessels — Studless anchor chain — Round steel link chain*

EN 14606:2004, *Inland navigation vessels — Studless anchor chain — Accessories*

ISO 2768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1:1989)*

ISO 8062, *Castings — System of dimensional tolerances and machining allowances*

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN 14606 and the following apply.

3.1
cable lifter
pocket wheel
chain sprocket
sprocket wheel
wheel with teeth and chain pockets on the circumference for form-fit or interference-fit transportation of a round steel link chain, on which the horizontal chain link runs into the chain pocket