

Swap bodies — Thermal swap bodies of class C — Dimensions and general requirements

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Summary of pages

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 119, Swap bodies for combined goods transport, 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of an identical text or by endorsement, at the latest by October 1999, and conflicting national standards shall be withdrawn at the latest by October 1999.

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.

The purpose of this standard is to combine the national standards into one single European Standard to ensure for the future a free, unimpeded circulation of swap bodies in Europe within road/rail combined transport.

Introduction

Thermal swap bodies are transportation equipment for transporting perishable goods.

1 Scope

This European Standard specifies the dimensions and basic requirements for thermal swap bodies of class C.

These swap bodies are suitable for international exchange and for conveyance by road and rail including interchange between these forms of transport.

NOTE "Class C" means that all swap bodies having this designation are equipped with bottom fittings positioned according to the specification for 1C (20') ISO Containers (see ISO 668:1995).

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 283:1991, *Swap bodies — Testing*.

EN 284:1992, *Swap bodies — Swap bodies of class C — Dimensions and general requirements*.

EN ISO 6346:1995, *Freight containers — Coding, identification and marking* (ISO 6346:1995).

ISO 668:1995, *Series 1 freight containers — Classification, dimensions and ratings*.

ISO 1161:1984, *Series 1 freight containers — Corner fittings — Specification*.

ISO 1496-2:1988, *Series 1 freight containers — Specification and testing — Part 2: Thermal containers*.

IEC 309-2:1989, *Plugs, socket-outlets and couplers for industrial purposes — Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories*.

IEC 529:1991, *Degrees of protection provided by enclosures*.

UIC 554-1:1979¹⁾, *Supply of electrical equipment of railway vehicles from local mains supply or from an auxiliary generator 220 V or 380 V, 50 Hz — Safety requirements*

UIC 592-4:1985¹⁾, *Swap bodies which can be handled by grabs — Technical conditions*.

UIC 596-6:1997¹⁾, *Traffic of road vehicles on wagons — Technical organisation — Conditions for coding load units in combined transport and combined transport lines*.

3 Definitions

For the purpose of this European Standard, the following definition applies.

3.1

thermal swap body

swap body built with insulating walls, doors, floor and roof designed to retard the rate of heat transmission between the inside and the outside of the swap body and served by a refrigerating or heating appliance

¹⁾ To be obtained: UIC: 16, rue Jean Rey, F-75015 PARIS.