



## DRAFT INTERNATIONAL STANDARD ISO/DIS 4114.3

ISO/TC 22/SC 4

Secretariat: **AFNOR**

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# Road vehicles — Caravans and light trailers having a gross vehicle weight not exceeding 3,5 t — Static load on coupling ball

(Revision of ISO/TR 4114:1979)

*Véhicules routiers — Caravanes et remorques légères d'une masse totale n'excédant pas 3,5 t — Charge statique sur la boule d'attelage*

ICS 43.040.70

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**Contents**

Page

Foreword.....	v
1 Scope .....	1
2 Definitions .....	1
3 Requirements.....	1
3.1 Maximum authorised static load .....	1
3.2 Actual static load under road conditions .....	1

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4114 was prepared by Technical Committee ISO/TC 22, *Road Vehicles*, Subcommittee SC 4, *Trailers up to 3,5 t*.

This third edition cancels and replaces the second edition which has been technically revised.

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# Road vehicles — Caravans and light trailers having a gross vehicle weight not exceeding 3,5 t — Static load on coupling ball

## 1 Scope

This International Standard is for use of manufacturer of trailers to determine the static load for centre axle trailers, including caravans, having a gross mass not exceeding 3.5 t, on the coupling ball (coupling head).

## 2 Definitions

For the purpose of this International Standard the following definition applies:

### 2.1

#### **static load**

force at the coupling centre (in static conditions).

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## 3 Requirements

### 3.1 Maximum authorised static load

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It shall be 4% of the authorised gross mass of the centre axle trailer.

### 3.2 Actual static load under road conditions

- a) It shall not be higher than 4% of the actual (laden) mass of the centre axle trailer.
- b) It shall be at least 25 daN.