SWEDISH STANDARDS INSTITUTE

SVENSK STANDARD
SS-ISO 4209-2:2006

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Utgåva 3

Däck och fälgar för lastbilar och bussar (metrisk serie) –
Del 2: Fälgar (ISO 4209-2:2001, IDT)

Truck and bus tyres and rims (metric series) –
Part 2: Rims (ISO 4209-2:2001, IDT)

ICS 43.040.50; 83.160.10

Språk: engelska

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Den internationella standarden ISO 4209-2:2001 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av ISO 4209-2:2001.

Denna standard ersätter SS-ISO 4209-2, utgåva 2.

The International Standard ISO 4209-2:2001 has the status of a Swedish Standard. This document contains the official English version of ISO 4209-2:2001.

This standard supersedes the Swedish Standard SS-ISO 4209-2, edition 2.

Upplysningar om **sakinnehållet** i standarden lämnas av SIS, Swedish Standards Institute,
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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 part of ISO 4209 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4209-2 was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 4, *Truck and bus tyres and rims*.

This third edition cancels and replaces the second edition (ISO 4209:1993), which have been technically revised.

ISO 4209 consists of the following parts, under the general title *Truck and bus tyres and rims (metric series)*:

— *Part 1: Tyres*

— *Part 2: Rims*

Truck and bus tyres and rims (metric series) —

Part 2:
Rims

1 Scope

This part of ISO 4209 specifies the designations, contours and dimensions of drop-centre (one-piece) rims for use on trucks and buses.

The rim dimensions are those rim contour dimensions necessary for mounting and fitment of the tyre to the rim.

Tyre designations, dimensions and load ratings are given in ISO 4209-1.

2 Designation and marking

The rim shall be designated by its nominal rim diameter code and nominal rim width (e.g. 17.5 × 5.25), and rim flange when specified (for example: 15 × 6 J:13 × 5.50 B).

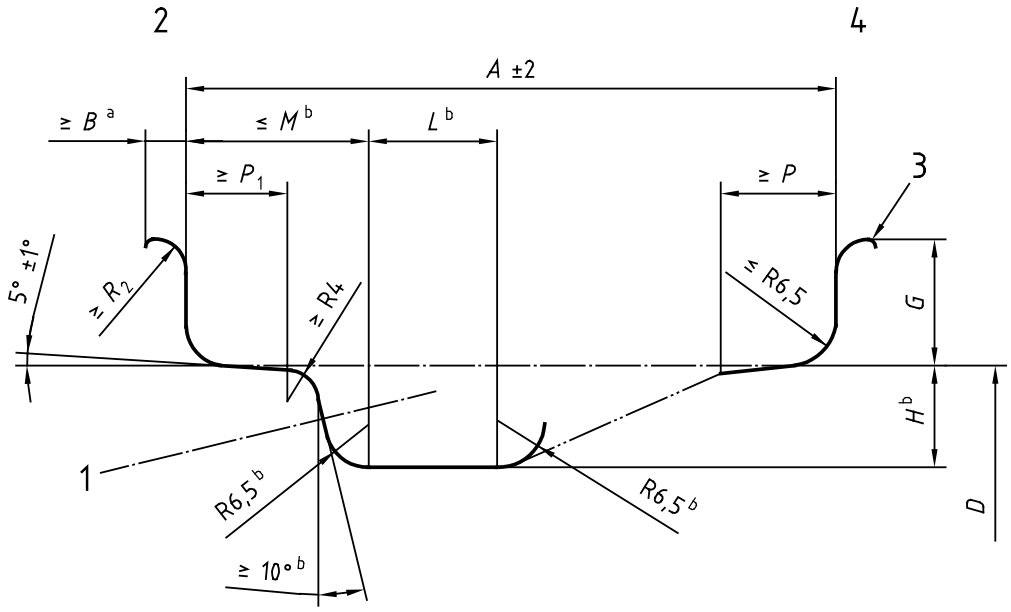
3 5° tapered (drop-centre) rims

3.1 Rim flange

Rim flange designations and the dimensions and the tolerances of the rims shall be as given in Figure 1 and Tables 1 and 2.

Optional bead seat contours and their dimensions are given in Figure 2 and Table 3.

Dimensions in millimetres



Key

1 Valve hole (see 3.3)

2 Vehicle outboard side

3 Break corner equivalent to 0,5 minimum R

4 Vehicle inboard side

NOTE For use with tubeless tyres, humps are necessary on the outboard side and preferred on the inboard side.

a Flange width includes edge radius. The portion of a flange beyond the minimum width shall be lower than the highest point of the flange.

b These dimensions comprise the minimum well envelope for tyre mounting purposes, except for localized areas at weld or valve hole.

Figure 1 — Contour of 5° tapered (drop-centre) rims