
**Tyres and rims (metric series) for
agricultural tractors and machines —**

**Part 2:
Service description and load ratings**

*Pneumatiques et jantes (série millimétrique) pour tracteurs et machines
agricoles —*

Partie 2: Description d'utilisation et capacités de charge



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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 2.

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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 7867-2 was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 5, *Agricultural tyres and rims*.

This second edition cancels and replaces the first edition (ISO 7867-2:1996), which has been technically revised. It also incorporates the Technical Corrigendum ISO 7867-2:1996/Cor.1:1996.

ISO 7867 consists of the following parts, under the general title *Tyres and rims (metric series) for agricultural tractors and machines*:

- *Part 1: Tyre designation, dimensions and marking, and tyre rim coordination*
- *Part 2: Service description and load ratings*

Tyres and rims (metric series) for agricultural tractors and machines —

Part 2: Service description and load ratings

1 Scope

This part of ISO 7867 establishes the service description, the tyre load ratings in basic and special applications, and reference inflation pressure increments for the metric series of tyres primarily intended for agricultural tractors and machines.

It applies to bias-belted, diagonal and radial tyres mounted on 5° tapered rims, as specified in ISO 4251-3. It also applies to different concepts and types of tyres and rims; in these cases, however, appropriate load/speed curves and reference inflation pressure increments will be established and added.

Basic tyre load-carrying capacities for ranges of existing tyres are given in Annex A.

NOTE Designation and marking of the metric series are defined in ISO 7867-1. Tyres (ply rating marked series) and rims for agricultural tractors and machines are specified in ISO 4251-1 to ISO 4251-5. Service description (load index and speed symbol) marking of existing series of agricultural tractor-drive-wheel tyres is given in ISO 8664.

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.

ISO 4223-1, *Definitions of some terms used in the tyre industry — Part 1: Pneumatic tyres*

ISO 4251-3, *Tyres (ply rating marked series) and rims for agricultural tractors and machines — Part 3: Rims*

ISO 7867-1, *Tyres and rims (metric series) for agricultural tractors and machines — Part 1: Tyre designation, dimensions and marking, and tyre/rim coordination*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 4223-1 and ISO 7867-1 apply.

4 Service description

4.1 General

The service description shall be indicated as follows:

load index speed symbol