INTERNATIONAL STANDARD

**ISO 4251-2**

Eighth edition
2019-07

# Code designated diagonal tyres (ply rating marked series) for agricultural tractors, trailers and machines —

## Part 2: Tyre load ratings

*Pneumatiques diagonaux à désignation dimensionnelle par code (séries à marquage équivalent nappes "ply rating") pour tracteurs, remorques et machines agricoles —*

*Partie 2: Capacités de charge des pneumatiques*



Reference number
ISO 4251-2:2019(E)



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Published in Switzerland

# Contents

Page

# Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by ISO/TC 31, *Tyres, rims and valves*, SC 5, *Agricultural tyres and rims*.

This eighth edition cancels and replaces the seventh edition (ISO 4251-2:2017) which has been technically revised. The main changes compared to the previous edition are as follows:

— information already contained in other International Standards was removed and replaced with normative references to those standards;

— radial tyres marked with ply rating and with reference speed of 10 km/h were deleted since obsolete and this document was restricted to code designated diagonal tyres (marked with PR) for agricultural tractors trailers and machines;

— the title of this document was revised accordingly;

— the document was aligned with other International Standards developed by SC 5 and with existing regulations;

— equivalence of tyre load carrying capacities in case of tyre marked with speed symbol A6 (corresponding to previous load carrying capacities of tyres marked with PR only) and that of tyres marked with speed symbol A8 was introduced, together with the possibility of a double marking (supplementary service description);

— load variations with speed and for specific applications were added;

— some additional PR versions were added with the corresponding markings of the service description.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.



# Code designated diagonal tyres (ply rating marked series) for agricultural tractors, trailers and machines —

# Part 2:
# Tyre load ratings



## 1 Scope

This document establishes the load ratings of the diagonal code designated (ply rating marked series) tyres for agricultural tractors, trailers and machines.

Tyre designation and dimensions, and approved rim contours are given in ISO 4251-1.

NOTE Code designated diagonal tyres (ply rating marked series) for construction applications (industrial tractors), identified by the classification code R-4, as specified in ISO 18805, or by suffix "IND" are part of ISO 13442.

Code designated diagonal tyres (ply rating marked series) for forestry machines, identified by the classification code LS, as specified in ISO 18805, are covered by ISO 18807.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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*

## 3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

**3.1**
**ply rating**
index of tyre strength

Note 1 to entry: It does not necessarily represent the number of cord plies in the tyre.

**3.2**
**supplementary service description**
additional service description marked within a circle, to identify a special type of service (load rating and speed category) to which the tyre size is also allowed in addition to the applicable load variation with speed

Note 1 to entry: Tables A.2, A.4 and A.6 shall not apply to the supplementary service description.

Note 2 to entry: See Figure 1 for an example.

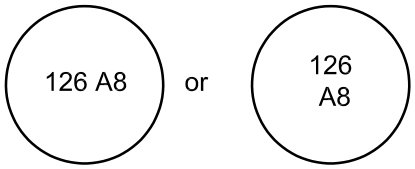



**Figure 1 — Supplementary service description**

**3.3**
**cyclic loading application**
condition that applies when the load on the tyre cycles between the unloaded and the fully loaded condition

Note 1 to entry: The vehicle shall be unloaded before off-field transport.

**3.4**
**hillside combine**
combine intended for service on slopes above 11° (20 %) lateral slope

Note 1 to entry: See Figure 2.

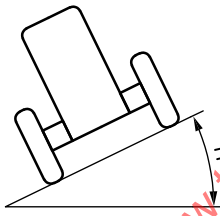



**Figure 2 — Vehicle operating on a lateral slope of 11°**

**3.5**
**low torque**
condition applying when the primary torque involved is that to propel the vehicle

Note 1 to entry: Vehicles pulling carts or trailers are considered to be operating in a low torque mode when operating on slopes up to 11° (20 %) lateral slope.

**3.6**
**high and sustained torque**
condition that occurs when high continuous tractive effort is applied to the drawbar or hitch

Note 1 to entry: Vehicles equipped with injectors, or any other ground engaging attachment (e.g. ploughing) or dragging objects, are considered to be operating in a high and sustained torque mode. Vehicles pulling carts or trailers are also considered to be operating in a high torque mode when operating on slopes greater than 11° (20 %) slope.

**3.7**
**road transport**
movement of a vehicle from one location to another under non-working conditions

Note 1 to entry: This movement occurs during transportation or transfer of equipment from site to site.

**3.8**
**drive wheel tyre**
tyre designed primarily for the equipment of driven axles of agricultural machinery, excluding sustained high torque services

Note 1 to entry: This is the generic term used in this document for implement drive wheel or traction tyres.

**3.9**
**free rolling tyre**
tyre designed for the equipment of non-driven (trailed) axles of agricultural machinery or trailers

Note 1 to entry: This is the generic term used in this document for implement free rolling or trailer tyres.

**3.10**
**mixed applications tyre**
tyre designed to be fitted to either driven and non-driven (trailed) axles of agricultural machinery or trailers

Note 1 to entry: This is the generic term used in this document for implement mixed application tyres.

# 4 Tyre markings

## 4.1 General

Marking of code designated tyres in diagonal construction consists of the tyre size designation, the load rating, the service description and any other additional information.

## 4.2 Tyre size designation and additional information

For tyre size designation and additional information, see ISO 4251-1.

## 4.3 Load rating

The marking of load rating comprises the ply rating (PR).

EXAMPLE 13.6 – 28 8PR

## 4.4 Service description

### 4.4.1 General

The marking of the service description consists of a load index and a speed symbol. It is optional but can be required by regional regulations.

### 4.4.2 Agricultural tractor drive wheel tyres

When marked with the service description, the marking on the tyre sidewalls shall be as per one of the examples below thus granting equivalent load carrying capacities at the various speeds:

EXAMPLES

— 14.9-28 8PR 130A6, or

— 14.9-28 8PR 126A8, or

— 14.9-28 8PR 130A6 (126A8), or

— 14.9-28 8PR 126A8 (130A6)

The optional supplementary service description (shown in parentheses in the above examples) is to be marked inside a circle. Only one supplementary service description, if any, is allowed on the tyre sidewalls.

### 4.4.3 Agricultural tractor steering wheel tyres

When marked with the service description, the marking on the tyre sidewalls shall be as per one of the examples below:

EXAMPLES

— 6.50-16 6PR 91A6, or

— 6.50-16 6PR 88A6, or

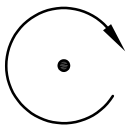
— 6.50-16 6PR 91A6 (88A8), or

— 6.50-16 6PR 88A8 (91A6)

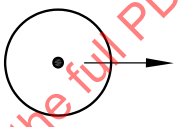
The optional supplementary service description (shown in parentheses in the above examples) is to be marked inside a circle. Only one supplementary service description, if any, is allowed on the tyre sidewalls.

### 4.4.4 Agricultural implement tyres

When the basic tyre load refers to the type of service (free rolling or drive wheel), the relevant service description shall be supplemented by the following symbol:



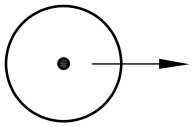
for drive wheel/traction tyre



for free rolling/trailer tyre

EXAMPLES 10.5/80-18 10PR 119 A6

10.5/80-18 10PR 131 A6



In case of tyres suitable for "mixed applications" (i.e. both drive and free rolling wheels), both markings apply.

## 5 Tyre loads

### 5.1 Agricultural tractor drive wheel tyres

#### 5.1.1 General

Basic tyre loads for tyres used as singles and relevant reference inflation pressures shall be as given in Table A.1.

In the absence of the marking of the service description (load index and speed symbol), the basic tyre loads (BTL) for reference speed 30 km/h and the relevant load/speed relationship of Table A.2 column A6 apply.

When used as duals, basic tyre loads shall be reduced: multiply values in the table by 0,88.

When used as triples, basic tyre loads shall be reduced: multiply values in table by 0,82.

Tyre loads at different speeds (load/speed relationship) shall be as given in Table A.2.



### 5.1.2 Tyres marked with a supplementary service description

Table 1 shows, as an example, the tyre load carrying capacities at various service speeds for tyre size 13.6 - 28 8PR at 190 kPa in the case where it is marked with a supplementary service description, compared to the case where no service description is marked on the tyre.

**Table 1 — Tyre size 13.6- 28 8PR at 190 kPa**

| Service speed | Service description | | | |
|---|---|---|---|---|
| | 125 A6 | 122 A8 | 125 A6 (122 A8) | 122 A8 (125 A6) |
| km/h | Tyre load carrying capacities kg | | | |
| 15 | 2 145 | 1 995 | 2 145 | 1 995 |
| 25 | 1 765 | 1 830 | 1 765 | 1 830 |
| 30 | 1 650 | 1 665 | 1 650 | (1 650) |
| 40 | 1 485 | 1 500 | (1 500) | 1 500 |

Table A.2 does not apply to the supplementary service description.

Values shown in parentheses correspond to the supplementary service description.

### 5.1.3 Tractor drive wheel tyres on combine harvesters

On combine harvesters in cyclic loading application, except hillside combines, a load of up to 170 % of the basic tyre loads given in Table A.1 is permitted for speeds up to 10 km/h with an inflation pressure increase of approximately 30 % (consult tyre manufacturers). This load increase shall include all possible field and user modifications that increase vehicle mass. The vehicle shall be unloaded before off-field transport.

The wheel and rim manufacturers shall be consulted concerning the strength of the wheels.

For tyre load and inflation pressure recommendations for combine harvesters in transport service, the tyre manufacturer shall be consulted.

## 5.2 Agricultural tractor steering wheel tyres

### 5.2.1 General

Basic tyre loads and their corresponding reference inflation pressures shall be as given in Table A.3.

In the absence of the marking of the service description (load index and speed symbol), the basic tyre loads (BTL) for reference speed 30 km/h and the relevant load/speed relationship of Table A.4 column A6 apply.

Tyre loads at different speeds (load speed relationship) shall be as given in Table A.4,

### 5.2.2 Tyres marked with additional service description

Table 2 shows, as an example, the tyre load carrying capacities at various service speeds for tyre size 6.00-16 6 PR at 340 kPa in the case where it is marked with a supplementary service description, compared to the case where no service description is marked on the tyre.

**Table 2 — Tyre size 6.00-16 6 PR at 340 kPa**

| Service speed | Service description | | | |
|---|---|---|---|---|
| | 88 A6 | 85 A8 | 88 A6 (85 A8) | 85 A8 (88 A6) |
| km/h | Tyre load carrying capacities kg | | | |
| **15** | 800 | 775 | 800 | 775 |
| **20** | 755 | 715 | 755 | 715 |
| **25** | 645 | 660 | 645 | 660 |
| **30** | 560 | 570 | 560 | (560) |
| **40** | 450 | 515 | (515) | 515 |

Values shown in parentheses correspond to the supplementary service description.

Table A.4 does not apply to the supplementary service description.

### 5.2.3 Tractor steering wheel tyres on combine harvesters

On combine harvesters in cyclic loading application, except hillside combines, a load of up to 150 % of the basic tyre loads given in Table A.3 is permitted for speeds up to 10 km/h. This load increase shall include all possible field and user modifications that increase vehicle mass. The vehicle shall be unloaded before off-field transport.

The wheel and rim manufacturers shall be consulted concerning the strength of the wheel.

## 5.3 Agricultural implement tyres

Basic tyre loads at a maximum speed of 30 km/h and their corresponding reference inflation pressures shall be as given in Table A.5.

In the absence of the marking of the service description (load index and speed symbol), the basic tyre loads (BTL) for reference speed 30 km/h and the relevant load/speed relationship of Table A.6 column A6 apply.

When used as duals, basic tyre loads shall be reduced: multiply values in the table by 0,88.

Tyre loads at different speeds (load speed relationship) shall be as given in Table A.6.

## 5.4 Other tyre types

Basic tyre loads of formerly standardized tyres with nominal rim diameter codes 15.3 or 16.1 and tyres for small tractors shall be as given in Annex B.

# Annex A
(normative)

# Basic tyre loads (BTL) for tyres used as singles at reference inflation pressures (IP) and Tyre loads at different speeds (load/speed relationship)

**Table A.1 — Agricultural drive wheel tyres (road transport, low torque)**

| Tyre size designation | Ply rating | Reference speed 30 km/h (Speed symbol A6)[a] | | Reference speed 40 km/h (Speed symbol A8) | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | Load index (LI) | Basic tyre load (BTL)[b] kg | Load index (LI) | Basic tyre load (BTL)[b] kg | |
| 8.3 - 16 | 4 PR | 81 | 462 | 78 | 425 | 150 |
| | 6 PR | 90 | 600 | 87 | 545 | 230 |
| 8.3 - 24 | 4 PR | 92 | 630 | 88 | 560 | 160 |
| | 6 PR | 100 | 800 | | | 230 |
| 8.3 – 36 | 6 PR | 107 | 975 | | | 230 |
| | 8 PR | 113 | 1 150 | | | 320 |
| 8.3 – 38 | 6 PR | 108 | 1 000 | | | 230 |
| | 8 PR | 114 | 1 180 | | | 320 |
| 8.3 – 42 | 6 PR | 111 | 1 090 | | | 230 |
| | 8 PR | 117 | 1 285 | | | 320 |
| 8.3 – 44 | 6 PR | 111 | 1 090 | | | 230 |
| | 8 PR | 117 | 1 285 | | | 320 |
| 9.5 – 16 | 4 PR | 88 | 560 | 84 | 500 | 140 |
| | 6 PR | 96 | 710 | 92 | 630 | 210 |
| 9.5 – 22 | 4 PR | | | 92 | 630 | 140 |
| | 8 PR | 106 | 950 | | | 280 |
| 9.5 – 24 | 4 PR | 97 | 730 | 94 | 670 | 140 |
| | 6 PR | 106 | 950 | 102 | 850 | 210 |
| | 8 PR | | | 108 | 1 000 | 280 |
| 9.5 - 32 | 4 PR | 102 | 850 | 98 | 750 | 140 |
| | 6 PR | 110 | 1 060 | 106 | 950 | 210 |
| | 8 PR | 116 | 1 250 | | | 280 |
| 9.5 - 36 | 4 PR | 104 | 900 | 100 | 800 | 140 |
| | 6 PR | 112 | 1 120 | 109 | 1 030 | 210 |
| | 8 PR | 118 | 1 320 | | | 280 |
| 9.5 - 38 | 6 PR | 113 | 1 150 | | | 210 |
| | 8 PR | 119 | 1 360 | | | 280 |

[a] In case of tyres without the marking of the service description basic tyre load for reference speed 30 km/h applies.

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.1** *(continued)*

| Tyre size designation | Ply rating | Reference speed 30 km/h (Speed symbol A6)[a] | | Reference speed 40 km/h (Speed symbol A8) | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | Load index (LI) | Basic tyre load (BTL)[b] kg | Load index (LI) | Basic tyre load (BTL)[b] kg | |
| **9.5 - 42** | 6 PR | 115 | 1 215 | 111 | 1 090 | 210 |
| | 8 PR | 121 | 1 450 | | | 280 |
| **9.5 - 44** | 6 PR | 116 | 1 250 | | | 210 |
| | 8 PR | 122 | 1 500 | | | 280 |
| **9.5 - 48** | 6 PR | 118 | 1 320 | | | 210 |
| | 8 PR | 123 | 1 550 | | | 280 |
| **11.2 - 20** | 6 PR | 105 | 925 | | | 180 |
| | 8 PR | 112 | 1 120 | | | 250 |
| **11.2 - 24** | 4 PR | 102 | 850 | 98 | 750 | 130 |
| | 6 PR | 110 | 1 060 | 106 | 950 | 180 |
| | 8 PR | 116 | 1 250 | 113 | 1 150 | 240 |
| | 10 PR | 120 | 1 400 | | | 300 |
| **11.2 - 28** | 4 PR | 104 | 900 | 100 | 800 | 130 |
| | 6 PR | 112 | 1 120 | 108 | 1 000 | 180 |
| | 8 PR | 118 | 1 320 | | | 240 |
| **11.2 - 36** | 4 PR | 109 | 1 030 | 105 | 925 | 130 |
| **11.2 - 38** | 4 PR | 110 | 1 060 | 106 | 950 | 130 |
| | 6 PR | 117 | 1 285 | 108 | 1 000 | 180 |
| **11.2 - 42** | 6 PR | 119 | 1 360 | | | 180 |
| | 8 PR | 125 | 1 650 | | | 250 |
| **12.4 - 16** | 4 PR | | | 93 | 650 | 110 |
| | 8 PR | 111 | 1 090 | 107 | 975 | 220 |
| | 12 PR | 119 | 1 360 | 116 | 1 250 | 330 |
| **12.4 - 24** | 4 PR | 106 | 950 | 102 | 850 | 110 |
| | 6 PR | 115 | 1 215 | 111 | 1 090 | 170 |
| | 8 PR | 120 | 1 400 | 117 | 1 285 | 230 |
| | 12 PR | 128 | 1 800 | 124 | 1 600 | 330 |
| **12.4 - 28** | 4 PR | 109 | 1 030 | 104 | 900 | 110 |
| | 6 PR | 117 | 1 285 | 113 | 1 150 | 170 |
| | 8 PR | 123 | 1 550 | 119 | 1 360 | 230 |
| **12.4 - 32** | 4 PR | 111 | 1 090 | | | 110 |
| | 6 PR | 119 | 1 360 | 115 | 1 215 | 170 |
| | 8 PR | 124 | 1 600 | | | 230 |
| | 10 PR | 128 | 1 800 | | | 280 |

[a] In case of tyres without the marking of the service description basic tyre load for reference speed 30 km/h applies.

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.1** *(continued)*

| Tyre size designation | Ply rating | Reference speed 30 km/h (Speed symbol A6)[a] | | Reference speed 40 km/h (Speed symbol A8) | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | Load index (LI) | Basic tyre load (BTL)[b] kg | Load index (LI) | Basic tyre load (BTL)[b] kg | |
| **12.4 - 36** | 4 PR | 113 | 1 150 | 109 | 1 030 | 110 |
| | 6 PR | 121 | 1 450 | 117 | 1 285 | 170 |
| | 8 PR | 126 | 1 700 | | | 230 |
| | 10 PR | | | 127 | 1 750 | 280 |
| | 12 PR | 135 | 2 180 | 131 | 1 950 | 330 |
| **12.4 - 38** | 4 PR | 114 | 1 180 | 110 | 1 060 | 110 |
| | 6 PR | 122 | 1 500 | 118 | 1 320 | 170 |
| | 8 PR | 127 | 1 750 | 124 | 1 600 | 230 |
| | 14 PR | | | 135 | 2 180 | 390 |
| **12.4 - 42** | 4 PR | 115 | 1 215 | 112 | 1 120 | 110 |
| | 6 PR | 123 | 1 550 | 120 | 1 400 | 170 |
| | 10 PR | | | 130 | 1 900 | 280 |
| **12.4 - 46** | 6 PR | 125 | 1 650 | | | 170 |
| | 8 PR | 131 | 1 950 | | | 220 |
| **13.6 - 16** | 4 PR | 100 | 800 | 96 | 710 | 100 |
| | 6 PR | 109 | 1 030 | 105 | 925 | 150 |
| | 8 PR | 114 | 1 180 | 110 | 1 060 | 190 |
| **13.6 - 24** | 4 PR | 109 | 1 030 | 105 | 925 | 100 |
| | 6 PR | 118 | 1 320 | 115 | 1 215 | 160 |
| | 8 PR | 123 | 1 550 | 120 | 1 400 | 200 |
| | 10 PR | 128 | 1 800 | | | 250 |
| **13.6 - 26** | 6 PR | 120 | 1 400 | 116 | 1 250 | 160 |
| **13.6 - 28** | 4 PR | 112 | 1 120 | 108 | 1 000 | 100 |
| | 6 PR | 121 | 1 450 | 117 | 1 285 | 160 |
| | 8 PR | 125 | 1 650 | 122 | 1 500 | 200 |
| | 10 PR | 130 | 1 900 | 126 | 1 700 | 250 |
| | 12 PR | 134 | 2 120 | 130 | 1 900 | 290 |
| **13.6 - 36** | 4 PR | 116 | 1 250 | 112 | 1 120 | 100 |
| | 6 PR | 125 | 1 650 | 121 | 1 450 | 160 |
| | 8 PR | 129 | 1 850 | 125 | 1 650 | 200 |
| | 10 PR | 134 | 2 120 | | | 250 |
| **13.6 - 38** | 4 PR | 117 | 1 285 | 113 | 1 150 | 100 |
| | 6 PR | 126 | 1 700 | 122 | 1 500 | 160 |
| | 8 PR | 131 | 1 950 | 126 | 1 700 | 200 |
| | 10 PR | 136 | 2 240 | | | 250 |
| **13.6 - 46** | 6 PR | 129 | 1 850 | 125 | 1 650 | 150 |
| | 8 PR | 134 | 2 120 | 130 | 1 900 | 190 |

[a] In case of tyres without the marking of the service description basic tyre load for reference speed 30 km/h applies.

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.1** *(continued)*

| Tyre size designation | Ply rating | Reference speed 30 km/h (Speed symbol A6)[a] | | Reference speed 40 km/h (Speed symbol A8) | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | Load index (LI) | Basic tyre load (BTL)[b] kg | Load index (LI) | Basic tyre load (BTL)[b] kg | |
| **13.6 - 48** | 6 PR | 130 | 1 900 | | | 150 |
| | 8 PR | 135 | 2 180 | | | 190 |
| **14.9 - 24** | 4 PR | 112 | 1 120 | | | 80 |
| | 6 PR | 123 | 1 550 | 119 | 1 360 | 140 |
| | 8 PR | 128 | 1 800 | 124 | 1 600 | 180 |
| | 10 PR | 132 | 2 000 | | | 230 |
| | 12 PR | | | 132 | 2 000 | 260 |
| **14.9 - 26** | 6 PR | 124 | 1 600 | 120 | 1 400 | 140 |
| | 8 PR | 129 | 1 850 | | | 180 |
| | 10 PR | 133 | 2 060 | 129 | 1 850 | 230 |
| **14.9 - 28** | 4 PR | 115 | 1 215 | | | 110 |
| | 6 PR | 125 | 1 650 | 121 | 1 450 | 140 |
| | 8 PR | 130 | 1 900 | 126 | 1 700 | 180 |
| | 10 PR | 134 | 2 120 | 130 | 1 900 | 230 |
| | 12 PR | 138 | 2 360 | 134 | 2 120 | 260 |
| **14.9 - 30** | 6 PR | 126 | 1 700 | 122 | 1 500 | 140 |
| | 8 PR | 131 | 1 950 | 127 | 1 750 | 180 |
| | 10 PR | 135 | 2 180 | 131 | 1 950 | 230 |
| **14.9 - 38** | 6 PR | 129 | 1 850 | 126 | 1 700 | 140 |
| | 8 PR | 135 | 2 180 | | | 180 |
| | 10 PR | 139 | 2 430 | | | 230 |
| | 14 PR | | | 143 | 2 725 | 320 |
| **15.5 - 38** | 6 PR | 127 | 1 750 | 124 | 1 600 | 140 |
| | 8 PR | 133 | 2 060 | 129 | 1 850 | 180 |
| | 10 PR | 137 | 2 300 | | | 230 |
| **16.9 - 24** | 6 PR | 126 | 1 700 | 123 | 1 550 | 130 |
| | 8 PR | 133 | 2 060 | 129 | 1 850 | 170 |
| | 10 PR | 136 | 2 240 | 132 | 2 000 | 200 |
| | 12 PR | 140 | 2 500 | 136 | 2 240 | 230 |
| **16.9 - 26** | 6 PR | 128 | 1 800 | 124 | 1 600 | 130 |
| | 8 PR | 134 | 2 120 | | | 170 |
| | 10 PR | 137 | 2 300 | 133 | 2 060 | 200 |
| **16.9 - 28** | 6 PR | 129 | 1 850 | 125 | 1 650 | 130 |
| | 8 PR | 135 | 2 180 | 131 | 1 950 | 170 |
| | 10 PR | 139 | 2 430 | 134 | 2 120 | 200 |
| | 12 PR | 143 | 2 725 | | | 240 |

[a] In case of tyres without the marking of the service description basic tyre load for reference speed 30 km/h applies.

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.1** *(continued)*

| Tyre size designation | Ply rating | Reference speed 30 km/h (Speed symbol A6)[a] | | Reference speed 40 km/h (Speed symbol A8) | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | Load index (LI) | Basic tyre load (BTL)[b] kg | Load index (LI) | Basic tyre load (BTL)[b] kg | |
| **16.9 - 30** | 6 PR | 130 | 1 900 | 126 | 1 700 | 130 |
| | 8 PR | 137 | 2 300 | 132 | 2 000 | 170 |
| | 10 PR | 140 | 2 500 | 136 | 2 240 | 200 |
| | 12 PR | 143 | 2 725 | 140 | 2 500 | 230 |
| | 14 PR | | | 143 | 2 725 | 280 |
| **16.9 - 34** | 6 PR | 133 | 2 060 | 128 | 1 800 | 130 |
| | 8 PR | 139 | 2 430 | 134 | 2 120 | 170 |
| | 10 PR | 142 | 2 650 | 138 | 2 360 | 200 |
| **16.9 - 38** | 6 PR | 135 | 2 180 | 130 | 1 900 | 130 |
| | 8 PR | 141 | 2 575 | 136 | 2 240 | 170 |
| | 10 PR | 143 | 2 725 | | | 200 |
| **18.4 - 24** | 6 PR | 131 | 1 950 | 127 | 1 750 | 110 |
| | 8 PR | 135 | 2 180 | 132 | 2 000 | 140 |
| | 10 PR | 141 | 2 575 | 137 | 2 300 | 180 |
| | 12 PR | 145 | 2 900 | 141 | 2 575 | 220 |
| **18.4 - 26** | 6 PR | 132 | 2 000 | 128 | 1 800 | 110 |
| | 8 PR | 137 | 2 300 | 133 | 2 060 | 140 |
| | 10 PR | 142 | 2 650 | 138 | 2 360 | 160 |
| | 10 PR | 142 | 2 650 | 138 | 2 360 | 180 |
| **18.4 - 28** | 6 PR | 133 | 2 060 | 129 | 1 850 | 110 |
| | 8 PR | 138 | 2 360 | 134 | 2 120 | 140 |
| | 10 PR | 143 | 2 725 | 139 | 2 430 | 180 |
| | 12 PR | 147 | 3 075 | 144 | 2 800 | 220 |
| **18.4 - 30** | 6 PR | 134 | 2 120 | 130 | 1 900 | 110 |
| | 8 PR | 139 | 2 430 | 135 | 2 180 | 140 |
| | 10 PR | 145 | 2 900 | 140 | 2 500 | 180 |
| | 12 PR | 149 | 3 250 | 145 | 2 900 | 230 |
| | 14 PR | | | 147 | 3 075 | 260 |
| **18.4 - 34** | 6 PR | 137 | 2 300 | 132 | 2 000 | 110 |
| | 8 PR | 142 | 2 650 | 137 | 2 300 | 140 |
| | 10 PR | 146 | 3 000 | 143 | 2 725 | 180 |
| | 12 PR | 151 | 3 450 | 147 | 3 075 | 230 |
| | 14 PR | 153 | 3 650 | | | 260 |
| **18.4 - 38** | 6 PR | 139 | 2 430 | 134 | 2 120 | 110 |
| | 8 PR | 143 | 2 725 | 139 | 2 430 | 140 |
| | 10 PR | 146 | 3 000 | 145 | 2 900 | 180 |
| | 12 PR | 152 | 3 550 | 149 | 3 250 | 230 |
| | 14 PR | | | 151 | 3 450 | 250 |

[a] In case of tyres without the marking of the service description basic tyre load for reference speed 30 km/h applies.

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.1** *(continued)*

| Tyre size designation | Ply rating | Reference speed 30 km/h (Speed symbol A6)[a] | | Reference speed 40 km/h (Speed symbol A8) | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | Load index (LI) | Basic tyre load (BTL)[b] kg | Load index (LI) | Basic tyre load (BTL)[b] kg | |
| **18.4 - 42** | 8 PR | 145 | 2 900 | 141 | 2 575 | 140 |
| | 10 PR | 150 | 3 350 | 146 | 3 000 | 180 |
| | 12 PR | 154 | 3 750 | | | 230 |
| | 14 PR | | | 153 | 3 650 | 250 |
| **18.4 - 46** | 6 PR | 142 | 2 650 | | | 110 |
| | 8 PR | 146 | 3 000 | | | 140 |
| | 14 PR | | | 155 | 3 875 | 250 |
| **20.8 - 34** | 8 PR | 145 | 2 900 | 142 | 2 650 | 130 |
| | 10 PR | 149 | 3 250 | 146 | 3 000 | 160 |
| | 12 PR | 154 | 3 750 | | | 200 |
| **20.8 - 38** | 8 PR | 148 | 3 150 | 144 | 2 800 | 130 |
| | 10 PR | 151 | 3 450 | 148 | 3 150 | 160 |
| | 12 PR | 156 | 4 000 | 152 | 3 550 | 200 |
| | 14 PR | | | 155 | 3 875 | 220 |
| **20.8 - 42** | 10 PR | 153 | 3 650 | 150 | 3 350 | 160 |
| | 12 PR | 156 | 4 000 | | | 200 |
| | 14 PR | | | 157 | 4 125 | 220 |
| **23.1 - 26** | 8 PR | 145 | 2 900 | 141 | 2 575 | 110 |
| | 10 PR | 149 | 3 250 | 145 | 2 900 | 140 |
| | 12 PR | 153 | 3 650 | 149 | 3 250 | 170 |
| | 14 PR | 156 | 4 000 | 152 | 3 550 | 200 |
| **23.1 - 30** | 8 PR | 146 | 3 000 | 143 | 2 725 | 110 |
| | 10 PR | 151 | 3 450 | 147 | 3 075 | 140 |
| | 12 PR | 155 | 3 875 | 151 | 3 450 | 170 |
| **23.1 - 34** | 8 PR | 149 | 3 250 | 145 | 2 900 | 110 |
| | 10 PR | 153 | 3 650 | 150 | 3 350 | 140 |
| | 12 PR | 157 | 4 125 | | | 170 |
| **24.5 - 32** | 10 PR | 156 | 4 000 | 152 | 3 550 | 140 |
| | 12 PR | 159 | 4 375 | 156 | 4 000 | 170 |
| | 14 PR | | | 159 | 4 375 | 190 |
| | 16 PR | 165 | 5 150 | 160 | 4 500 | 210 |
| **Low section tyres** | | | | | | |
| **17.5L - 24** | 6 PR | 123 | 1 550 | 120 | 1 400 | 110 |
| | 8 PR | 129 | 1 850 | 125 | 1 650 | 150 |
| | 10 PR | 134 | 2 120 | 130 | 1 900 | 190 |
| **19.5L - 24** | 8 PR | 134 | 2 120 | 130 | 1 900 | 140 |
| | 10 PR | 138 | 2 360 | 134 | 2 120 | 170 |
| | 12 PR | 142 | 2 650 | 138 | 2 360 | 210 |

[a] In case of tyres without the marking of the service description basic tyre load for reference speed 30 km/h applies.

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.1** *(continued)*

| Tyre size designation | Ply rating | Reference speed 30 km/h (Speed symbol A6)[a] | | Reference speed 40 km/h (Speed symbol A8) | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | Load index (LI) | Basic tyre load (BTL)[b] kg | Load index (LI) | Basic tyre load (BTL)[b] kg | |
| **21L - 24** | 10 PR | 141 | 2 575 | 137 | 2 300 | 150 |
| | 12 PR | 146 | 3 000 | 142 | 2 650 | 190 |
| | 16 PR | | | 147 | 3 075 | 250 |
| | 18 PR | 151 | 3 450 | | | 250 |
| **21L - 28** | 10 PR | | | 140 | 2 500 | 150 |
| | 12 PR | | | 145 | 2 900 | 190 |
| | 14 PR | | | 147 | 3 075 | 220 |
| **28L - 26** | 10 PR | 151 | 3 450 | 148 | 3 150 | 120 |
| | 12 PR | 154 | 3 750 | 150 | 3 350 | 140 |
| | 14 PR | 158 | 4 250 | 154 | 3 750 | 170 |
| | 16 PR | 159 | 4 375 | 157 | 4 125 | 190 |
| **30.5L - 32** | 10 PR | | | 154 | 3 750 | 110 |
| | 12 PR | 162 | 4 750 | 158 | 4 250 | 140 |
| | 14 PR | | | 160 | 4 500 | 150 |
| | 16 PR | | | 164 | 5 000 | 180 |
| **VA30.5L - 32** | 16 PR | | | 164 | 5 000 | 180 |
| **VA35.5L - 32** | 12 PR | | | 164 | 5 000 | 110 |
| | 20 PR | 179 | 7 750 | 175 | 6 900 | 190 |
| **DH35.5L - 32** | 16 PR | | | 170 | 6 000 | 150 |

[a] In case of tyres without the marking of the service description basic tyre load for reference speed 30 km/h applies.

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.2 — Agricultural tractor drive wheel tyres — Tyre loads at different speeds (load/speed relationship)**

| Maximum speed[a] | Maximum tyre load[b] % | |
|---|---|---|
| km/h | Speed symbol A6[c] | Speed symbol A8 |
| **10**[d] | 140 | — |
| **15** | 130 | 133 |
| **20** | 120 | — |
| **25** | 107 | 122 |
| **30**[e] | **100** | 111 |
| **35** | 95 | — |
| **40** | 90 | **100** |

[a] The values given for the maximum tyre load also apply when drive wheel traction tyres are fitted on the front axles (steering wheels).

[b] Expressed as a percentage of the basic tyre loads given in Table A.1.

[c] In case of tyres without the marking of the service description, this column A6 applies.

[d] This applies to drive wheel tractor tyres fitted on front-end loaders used in intermitted service. Tyre inflation pressure shall be increased by 30 kPa for operating at these overloads.

[e] These percentages apply also for field application with high and sustained torque.

**Table A.3 — Agricultural tractor steering wheel tyres (road transport, low torque)**

| Tyre size designation[a] | Ply rating | Reference speed 30 km/h (Speed symbol A6)[b] | | Reference speed 40 km/h (Speed symbol A8) | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | Load index (LI) | Basic tyre load (BTL)[c] kg | Load index (LI) | Basic tyre load (BTL)[c] kg | |
| **4.00 - 12** | 4 PR | 60 | 250 | 56 | 224 | 340 |
| **4.00 - 15** | 4 PR | 66 | 300 | 62 | 265 | 340 |
| **4.00 - 16** | 2 PR | 69 | 325 | | | 340 |
| **4.00 - 19** | 2 PR | 72 | 355 | | | 340 |
| | 4 PR | | | 69 | 325 | 360 |
| **4.50 - 16** | 4 PR | 73 | 365 | | | 310 |
| | 6 PR | 81 | 462 | | | 450 |
| **4.50 - 19** | 4 PR | 75 | 387 | | | 310 |
| | 6 PR | 83 | 487 | | | 450 |
| **5.00 - 15** | 4 PR | 73 | 365 | 69 | 325 | 280 |
| | 6 PR | 81 | 462 | 76 | 400 | 420 |
| | 8 PR | | | 82 | 475 | 550 |
| **5.00 - 16** | 4 PR | 75 | 387 | | | 280 |
| **5.50 - 16** | 2 PR | 78 | 425 | | | 250 |
| | 4 PR | | | 75 | 387 | 280 |
| | 6 PR | 85 | 515 | 82 | 475 | 370 |
| **6.00 - 14** | 6 PR | 85 | 515 | 81 | 462 | 360 |
| **6.00 - 16** | 4 PR | 80 | 450 | 77 | 412 | 230 |
| | 6 PR | 88 | 560 | 85 | 515 | 340 |
| | 8 PR | 94 | 670 | 91 | 615 | 450 |
| **6.00 - 19** | 4 PR | 85 | 515 | | | 230 |
| | 6 PR | 93 | 650 | 89 | 580 | 330 |
| **6.00 - 20** | 6 PR | 94 | 670 | | | 330 |
| **6.50 - 16** | 4 PR | 85 | 515 | 81 | 462 | 230 |
| | 6 PR | 91 | 615 | 88 | 560 | 310 |
| | 8 PR | 97 | 730 | | | 420 |
| **6.50 - 20** | 4 PR | 90 | 600 | | | 230 |
| | 6 PR | 97 | 730 | 93 | 650 | 310 |
| | 8 PR | 103 | 875 | | | 420 |
| **7.50 - 16** | 4 PR | 91 | 615 | | | 200 |
| | 6 PR | 98 | 750 | 94 | 670 | 280 |
| | 8 PR | 103 | 875 | 99 | 775 | 370 |
| **7.50 - 18** | 4 PR | 94 | 670 | | | 200 |
| | 6 PR | 101 | 825 | 97 | 730 | 280 |
| | 8 PR | 106 | 950 | 102 | 850 | 370 |

[a] Regional regulations impose the marking of either the word "FRONT" (e.g. 8.00-16 FRONT) or the classification codes F-1 or F-2.

[b] In case of tyres without the marking of the service description basic tyre load for reference speed 30 km/h applies.

[c] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.3** *(continued)*

| Tyre size designation[a] | Ply rating | Reference speed 30 km/h (Speed symbol A6)[b] | | Reference speed 40 km/h (Speed symbol A8) | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | Load index (LI) | Basic tyre load (BTL)[c] kg | Load index (LI) | Basic tyre load (BTL)[c] kg | |
| **7.50 - 20** | 4 PR | | | 92 | 630 | 220 |
| | 6 PR | 103 | 875 | 99 | 775 | 280 |
| | 8 PR | 109 | 1 030 | 105 | 925 | 340 |
| **8.00 - 16** | 10 PR | | | 109 | 1 030 | 470 |
| | 6 PR | 99 | 775 | 95 | 690 | 280 |
| **9.00 - 16** | 10 PR | 109 | 1 030 | 105 | 925 | 440 |
| | 6 PR | 104 | 900 | | | 230 |
| | 8 PR | 111 | 1 090 | | | 310 |
| **9.50 - 20** | 10 PR | 116 | 1 250 | 111 | 1 090 | 390 |
| **10.00 - 16** | 6 PR | 107 | 975 | 103 | 875 | 200 |
| | 8 PR | 115 | 1 215 | 110 | 1 060 | 280 |
| | 10 PR | 119 | 1 360 | | | 340 |
| **11.00 - 16** | 6 PR | 113 | 1 150 | 109 | 1 030 | 200 |
| | 8 PR | 118 | 1 320 | 114 | 1 180 | 250 |
| | 10 PR | 122 | 1 500 | | | 310 |
| | 12 PR | | | 123 | 1 550 | 410 |
| **11.00 - 20** | 8 PR | 122 | 1 500 | 119 | 1 360 | 280 |
| | 10 PR | 126 | 1 700 | 123 | 1 550 | 330 |
| | 12 PR | 131 | 1 950 | 127 | 1 750 | 410 |
| **11.00 - 24** | 8 PR | 126 | 1 700 | 123 | 1 550 | 280 |
| | 10 PR | | | 127 | 1 750 | 330 |
| | 12 PR | 131 | 1 950 | 132 | 2 000 | 410 |
| **Low section tyres** | | | | | | |
| **7.5L - 15** | 6 PR | 96 | 710 | 93 | 650 | 300 |
| **9.5L - 15** | 6 PR | 99 | 775 | 95 | 690 | 250 |
| | 8 PR | 105 | 925 | 102 | 850 | 330 |
| **11L - 15** | 6 PR | 103 | 875 | 99 | 775 | 220 |
| | 8 PR | 112 | 1 120 | 106 | 950 | 300 |
| | 10 PR | | | 110 | 1 060 | 360 |
| **11L - 16** | 8 PR | | | 108 | 1 000 | 300 |
| | 10 PR | 116 | 1 250 | 112 | 1 120 | 360 |
| | 12 PR | 120 | 1 400 | 116 | 1 250 | 440 |

[a] Regional regulations impose the marking of either the word "FRONT" (e.g. 8.00-16 FRONT) or the classification codes F-1 or F-2.

[b] In case of tyres without the marking of the service description basic tyre load for reference speed 30 km/h applies.

[c] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.4 — Agricultural steering wheels — Tyre loads at different speeds (load/speed relationship)**

| Maximum speed km/h | Maximum tyre load[a] % | |
|---|---|---|
| | Speed symbol A6[b] | Speed symbol A8 |
| With front-end loaders: 10[c] | 200 | 200 |
| 10 | 150 | 167 |
| 15 | 143 | 150 |
| 20 | 135 | 139 |
| 25 | 115 | 128 |
| 30 | **100** | 111 |
| 35 | 90 | 104 |
| 40 | 80 | **100** |

[a] Expressed as a percentage of the basic tyre loads given in Table A.3.

[b] In case of tyres without the marking of the service description, this column A6 applies.

[c] This applies to steering wheel tractor tyres of 6 PR and more fitted on front axles when front-end loaders are used in agricultural intermitted service for short distances (100 m maximum). Tyre inflation pressure shall be increased by 30 kPa for operating at these overloads.

**Table A.5 — Agricultural implement tyres — Basic tyre loads (BTL) at a reference speed of 30 km/h (Speed symbol A6) (road transport, low torque)**

| Tyre size designation[a] | Ply rating | Free rolling | | Drive wheel | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | LI | BTL[b] kg | LI | BTL[b] kg | |
| 2.50 – 8 | 2 PR | 28 | 100 | 16 | 71 | 225 |
| 3.00 – 4 | 2 PR | 16 | 71 | 4 | 50 | 175 |
| 3.00 – 8 | 2 PR | 32 | 112 | 20 | 80 | 200 |
| 3.50 – 6 | 2 PR | 32 | 112 | 20 | 80 | 150 |
| | 4 PR | 45 | 165 | 33 | 115 | 300 |
| 3.50 – 8 | 2 PR | 38 | 132 | 25 | 93 | 150 |
| 4.00 – 4 | 2 PR | 30 | 106 | 18 | 75 | 150 |
| | 4 PR | 43 | 155 | 31 | 109 | 275 |
| 4.00 – 8 | 2 PR | 43 | 155 | 31 | 109 | 150 |
| | 4 PR | 57 | 230 | 44 | 160 | 275 |
| | 6 PR | 65 | 290 | 53 | 206 | 425 |
| 4 00 – 9 | 4 PR | 65 | 290 | 53 | 206 | 300 |
| 4.00 – 10 | 2 PR | 49 | 185 | 37 | 128 | 150 |
| | 4 PR | 62 | 265 | 49 | 185 | 275 |
| 4.00 – 12 | 2 PR | 54 | 212 | 42 | 150 | 150 |
| | 4 PR | 66 | 300 | 54 | 212 | 275 |
| | 6 PR | 75 | 387 | 63 | 272 | 425 |
| 4.00 – 15 | 4 PR | 72 | 355 | 60 | 250 | 275 |
| 4.00 – 18 | 2 PR | 67 | 307 | 55 | 218 | 170 |
| | 4 PR | 81 | 462 | 69 | 325 | 300 |
| 4.50 – 19 | 2 PR | 66 | 300 | 54 | 212 | 125 |

[a] Regional regulations impose the marking of either a suffix "IMP" (e.g. 8.25-16 IMP) or of the word "IMPLEMENT".

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.5** *(continued)*

| Tyre size designation[a] | Ply rating | Free rolling | | Drive wheel | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | LI | BTL[b] kg | LI | BTL[b] kg | |
| 5.00 – 12 | 2 PR | 61 | 257 | 48 | 180 | 125 |
| | 4 PR | 74 | 375 | 62 | 265 | 225 |
| 5.00 – 14 | 4 PR | 73 | 365 | 61 | 257 | 225 |
| 5.00 – 15 | 2 PR | 68 | 315 | 55 | 218 | 125 |
| | 4 PR | 79 | 437 | 67 | 307 | 225 |
| | 6 PR | 88 | 560 | 75 | 387 | 350 |
| 5.50 – 16 | 4 PR | 84 | 500 | 72 | 355 | 200 |
| 5.90 – 15 | 4 PR | 83 | 487 | 71 | 345 | 200 |
| 6.00 – 9 | 2 PR | 63 | 272 | 50 | 190 | 100 |
| 6.00 – 16 | 2 PR | 80 | 450 | 68 | 315 | 125 |
| | 4 PR | 89 | 580 | 77 | 412 | 200 |
| | 6 PR | 95 | 690 | 83 | 487 | 275 |
| | 8 PR | 103 | 875 | 91 | 615 | 400 |
| 6.40 – 15 | 4 PR | 88 | 560 | 76 | 400 | 200 |
| | 6 PR | 94 | 670 | 82 | 475 | 275 |
| 6.50 – 16 | 2 PR | 84 | 500 | 72 | 355 | 125 |
| | 4 PR | 93 | 650 | 80 | 450 | 200 |
| | 6 PR | 99 | 775 | 87 | 545 | 275 |
| | 8 PR | 105 | 925 | 93 | 650 | 375 |
| 6.70 – 15 | 4 PR | 94 | 670 | 82 | 475 | 220 |
| | 6 PR | 101 | 825 | 89 | 580 | 300 |
| 7.00 – 12 | 4 PR | 88 | 560 | 75 | 387 | 175 |
| | 6 PR | 95 | 690 | 83 | 487 | 250 |
| 7.00 – 16 | 4 PR | 95 | 690 | 83 | 487 | 175 |
| | 6 PR | 101 | 825 | 89 | 580 | 250 |
| | 8 PR | 108 | 1 000 | 96 | 710 | 350 |
| 7.00 – 19 | 6 PR | 103 | 875 | 91 | 615 | 250 |
| 7.50 – 10 | 4 PR | 94 | 670 | 82 | 475 | 250 |
| | 6 PR | 107 | 975 | 95 | 690 | 400 |
| | 8 PR | 111 | 1 090 | 99 | 775 | 500 |
| 7.50 – 14 | 4 PR | 96 | 710 | 84 | 500 | 190 |
| 7. 50 – 16 | 2 PR | 88 | 560 | 75 | 387 | 100 |
| | 4 PR | 96 | 710 | 84 | 500 | 150 |
| | 6 PR | 104 | 900 | 92 | 630 | 225 |
| | 8 PR | 112 | 1 120 | 99 | 775 | 325 |
| | 10 PR | 116 | 1 250 | 103 | 875 | 400 |
| | 12 PR | 121 | 1 450 | 109 | 1 030 | 500 |
| 7.50 – 18 | 2 PR | 89 | 580 | 77 | 412 | 100 |
| | 4 PR | 97 | 730 | 85 | 515 | 150 |
| | 6 PR | 106 | 950 | 94 | 670 | 225 |

[a] Regional regulations impose the marking of either a suffix "IMP" (e.g. 8.25-16 IMP) or of the word "IMPLEMENT".

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.5** *(continued)*

| Tyre size designation[a] | Ply rating | Free rolling | | Drive wheel | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | LI | BTL[b] kg | LI | BTL[b] kg | |
| 7.50 – 20 | 4 PR | 99 | 775 | 87 | 545 | 150 |
| | 6 PR | 107 | 975 | 95 | 690 | 225 |
| | 8 PR | 116 | 1 250 | 103 | 875 | 325 |
| | 10 PR | 120 | 1 400 | 107 | 975 | 400 |
| 7.50 – 24 | 4 PR | 101 | 825 | 89 | 580 | 160 |
| | 8 PR | 117 | 1 285 | 104 | 900 | 325 |
| 7.60 – 15 | 4 PR | 97 | 730 | 85 | 515 | 190 |
| | 6 PR | 105 | 925 | 93 | 650 | 280 |
| | 8 PR | 111 | 1 090 | 99 | 775 | 360 |
| 8.25 – 16 | 4 PR | 103 | 875 | 91 | 615 | 160 |
| | 6 PR | 110 | 1 060 | 98 | 750 | 230 |
| 9.00 – 10 | 4 PR | 99 | 775 | 87 | 545 | 170 |
| | 10 PR | 117 | 1 285 | 104 | 900 | 360 |
| 9.00 – 16 | 8 PR | 118 | 1 320 | 105 | 925 | 275 |
| | 10 PR | 121 | 1 450 | 109 | 1 030 | 325 |
| 9.00 – 24 | 6 PR | 121 | 1 450 | 109 | 1 030 | 190 |
| | 8 PR | 129 | 1 850 | 117 | 1 265 | 280 |
| 10.00 – 12 | 6 PR | 107 | 975 | 95 | 690 | 200 |
| 10.00 – 15 | 8 PR | 121 | 1 450 | 109 | 1 030 | 240 |
| 11.00 – 16 | 6 PR | 122 | 1 500 | 110 | 1 060 | 175 |
| 11.25 – 24 | 8 PR | 129 | 1 850 | 117 | 1 285 | 200 |
| 11.25 – 28 | 8 PR | 131 | 1 950 | 119 | 1 360 | 200 |
| | 10 PR | 136 | 2 240 | 123 | 1 550 | 260 |
| Low section tyres | | | | | | |
| 5.5/85 – 9 | 8 PR | 93 | 650 | — | — | 500 |
| 13.5/85 – 28 | 10 PR | 151 | 3 450 | 139 | 2 430 | 280 |
| 16.5/85 – 24 | 8 PR | 154 | 3 750 | 142 | 2 650 | 190 |
| | 14 PR | 165 | 5 150 | 153 | 3 650 | 330 |
| 16.5/85 – 28 | 10 PR | 159 | 4 375 | 147 | 3 075 | 230 |
| 6.5/80 – 12 | 2 PR | 71 | 345 | 59 | 243 | 120 |
| | 4 PR | 82 | 500 | 72 | 355 | 240 |
| | 6 PR | 93 | 650 | 80 | 450 | 360 |
| 6.5/80 – 15 | 2 PR | 76 | 400 | 64 | 280 | 120 |
| | 4 PR | 90 | 600 | 78 | 425 | 240 |
| 10.0/80 – 12 | 4 PR | 101 | 825 | 89 | 580 | 150 |
| | 6 PR | 110 | 1 060 | 98 | 750 | 230 |
| | 8 PR | 116 | 1 250 | 103 | 875 | 310 |
| 10.5/80 – 18 | 6 PR | 121 | 1 450 | 109 | 1 030 | 220 |
| | 8 PR | 127 | 1 750 | 115 | 1 215 | 300 |
| | 10 PR | 131 | 1 950 | 119 | 1 360 | 370 |

[a] Regional regulations impose the marking of either a suffix "IMP" (e.g. 8.25-16 IMP) or of the word "IMPLEMENT".

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.5** *(continued)*

| Tyre size designation[a] | Ply rating | Free rolling | | Drive wheel | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | LI | BTL[b] kg | LI | BTL[b] kg | |
| 12.5/80 – 18 | 6 PR | 128 | 1 800 | 116 | 1 250 | 190 |
| | 8 PR | 134 | 2 120 | 122 | 1 500 | 250 |
| | 10 PR | 139 | 2 430 | 126 | 1 700 | 310 |
| | 12 PR | 142 | 2 650 | 129 | 1 850 | 370 |
| | 14 PR | 146 | 3 000 | 134 | 2 120 | 430 |
| | 16 PR | 148 | 3 150 | 135 | 2 180 | 490 |
| 15.5/80 – 24 | 10 PR | 154 | 3 750 | 142 | 2 650 | 250 |
| | 12 PR | 157 | 4 125 | 145 | 2 900 | 300 |
| | 14 PR | 160 | 4 500 | 148 | 3 150 | 350 |
| 19.5/80 – 20 | 12 PR | 163 | 4 875 | 151 | 3 450 | 240 |
| 21.0/80 – 20 | 8 PR | 158 | 4 250 | 146 | 3000 | 150 |
| | 12 PR | 167 | 5 450 | 155 | 3 875 | 220 |
| 13.0/75 – 16 | 10 PR | 135 | 2 180 | 123 | 1 550 | 300 |
| 14.5/75 – 20 | 8 PR | 140 | 2 500 | 127 | 1 750 | 220 |
| 9.0/70 – 16 | 10 PR | 119 | 1360 | 106 | 950 | 440 |
| 11.5/70 – 16 | 14 PR | 135 | 2 180 | 123 | 1 550 | 480 |
| 11.5/70 – 18 | 14 PR | 138 | 2 360 | 125 | 1 650 | 480 |
| 15.0/70 – 18 | 8 PR | 137 | 2 300 | 124 | 1 600 | 210 |
| | 10 PR | 141 | 2 575 | 128 | 1 800 | 260 |
| | 12 PR | 145 | 2 900 | 133 | 2 060 | 310 |
| | 14 PR | 148 | 3 150 | 135 | 2 180 | 360 |
| 16.0/70 – 20 | 8 PR | 142 | 2 650 | 129 | 1 850 | 200 |
| | 10 PR | 147 | 3 075 | 135 | 2 180 | 250 |
| | 12 PR | 151 | 3 450 | 139 | 2 430 | 300 |
| | 14 PR | 154 | 3 750 | 142 | 2 650 | 350 |
| | 16 PR | 156 | 4 000 | 144 | 2 800 | 400 |
| 20.0/70 – 20 | 12 PR | 160 | 4 500 | 148 | 3 150 | 230 |
| | 16 PR | 166 | 5 300 | 154 | 3 750 | 320 |
| | 20 PR | 170 | 6 000 | 158 | 4 250 | 390 |
| 10.5/65 – 16 | 8 PR | 119 | 1 360 | 106 | 950 | 300 |
| | 10 PR | 123 | 1 550 | 111 | 1 090 | 380 |
| | 12 PR | 126 | 1 700 | 114 | 1 180 | 450 |
| | 14 PR | 130 | 1 900 | 118 | 1 320 | 530 |
| 12.0/75 – 18 | 6 PR | 123 | 1 550 | 111 | 1 090 | 190 |
| | 8 PR | 130 | 1 900 | 118 | 1 320 | 260 |
| | 10 PR | 135 | 2 180 | 123 | 1 550 | 330 |
| 11.0/65 – 12 | 4 PR | 99 | 775 | 87 | 545 | 140 |
| | 6 PR | 114 | 1 180 | 141 | 825 | 190 |
| | 10 PR | 119 | 1 360 | 106 | 950 | 360 |

[a] Regional regulations impose the marking of either a suffix "IMP" (e.g. 8.25-16 IMP) or of the word "IMPLEMENT".

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.

**Table A.5** *(continued)*

| Tyre size designation[a] | Ply rating | Free rolling | | Drive wheel | | Inflation pressure (IP) kPa |
|---|---|---|---|---|---|---|
| | | LI | BTL[b] kg | LI | BTL[b] kg | |
| 13.0/65 – 18 | 6 PR | 123 | 1 550 | 111 | 1 090 | 180 |
| | 8 PR | 129 | 1 850 | 117 | 1 285 | 240 |
| | 10 PR | 134 | 2 120 | 122 | 1 500 | 300 |
| | 12 PR | 138 | 2 360 | 125 | 1 650 | 360 |
| | 14 PR | 141 | 2 575 | 128 | 1 800 | 430 |
| | 16 PR | 144 | 2 800 | 131 | 1 950 | 490 |
| 14.0/65 – 16 | 8 PR | 130 | 1 900 | 118 | 1 320 | 230 |
| | 10 PR | 134 | 2 120 | 122 | 1 500 | 280 |
| | 14 PR | 142 | 2 650 | 129 | 1 850 | 400 |
| 15.0/55 – 17 | 6 PR | 124 | 1 600 | 112 | 1 120 | 160 |
| | 8 PR | 129 | 1 850 | 117 | 1 285 | 210 |
| | 10 PR | 134 | 2 120 | 122 | 1 500 | 260 |
| | 12 PR | 138 | 2 360 | 125 | 1 650 | 310 |
| 19.0/45 – 17 | 10 PR | 138 | 2 360 | 125 | 1 650 | 225 |
| | 14 PR | 144 | 2 800 | 131 | 1 950 | 280 |
| 7.5L – 15 | 8 PR | 113 | 1 150 | 100 | 800 | 370 |
| 8.5L – 14 | 6 PR | 107 | 975 | 95 | 690 | 250 |
| 9.5L – 14 | 4 PR | 101 | 825 | 89 | 580 | 170 |
| | 6 PR | 108 | 1 000 | 96 | 710 | 220 |
| | 8 PR | 116 | 1 250 | 103 | 875 | 300 |
| 9.5L – 15 | 6 PR | 104 | 900 | 92 | 630 | 190 |
| | 8 PR | 111 | 1 090 | 99 | 775 | 280 |
| 11L – 14 | 6 PR | 110 | 1 060 | 98 | 750 | 190 |
| 11L – 15 | 6 PR | 106 | 950 | 94 | 670 | 170 |
| | 8 PR | 112 | 1 120 | 100 | 800 | 220 |
| | 10 PR | 117 | 1 285 | 104 | 900 | 280 |
| 11 L – 16 | 6 PR | 108 | 1 000 | 90 | 710 | 170 |
| | 8 PR 10 PR | 114 | 1 180 | 101 | 825 | 220 |
| | | 119 | 1 360 | 105 | 925 | 280 |
| 12.5L – 15 | 6 PR | 118 | 1 320 | 105 | 925 | 190 |
| | 8 PR | 123 | 1 550 | 111 | 1 090 | 250 |
| | 10 PR | 128 | 1 800 | 116 | 1 250 | 300 |
| | 12 PR | 132 | 2 000 | 120 | 1 400 | 360 |
| 12.5L – 16 | 8 PR | 125 | 1 650 | 113 | 1 150 | 250 |
| | 12 PR | 133 | 2 060 | 121 | 1 450 | 360 |
| | 14 PR | 135 | 2 180 | 123 | 1 550 | 390 |

[a] Regional regulations impose the marking of either a suffix "IMP" (e.g. 8.25-16 IMP) or of the word "IMPLEMENT".

[b] Basic tyre loads are maximum values and are valid for the reference speed and inflation pressures indicated.