



BS AU 50 : Part 1 : Subsection 2.1 : 1991

(Superseding BS AU 50 : Part 1 : Section 2g : 1990)



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British Standard Automobile Series:

Tyres and wheels

Part 1. Tyres

Section 2. Commercial vehicle tyres: Subsection 2.1 Specification for sizes, loads, inflation pressures and rims



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Foreword

This Subsection of this Part of BS AU 50 has been prepared under the direction of the Automobile Standards Policy Committee. The standard was first published in 1964, revised in 1976, amended in 1986 as Section 2e, revised in 1987 as Section 2f and was last revised in 1990 as Section 2g.

This amended version of BS AU 50 supersedes BS AU 50 : Part 1 : Section 2g : 1990.

The 1990 revision added further tyre sizes and valve data to the standard, and introduced load and inflation pressure factors for commercial vehicle tyres as used in their many applications.

NOTE. It is anticipated that the current text of BS AU 50 : Part 1 : Subsection 2.1 will be withdrawn when the full provisions of ISO 4209-1 are implemented following completion of revision work now taking place in ISO.

Tyre, wheel, rim and valve requirements are given in the following Parts and Sections of BS AU 50:

Part 1. Tyres
Section 0. General

Section 1. Car tyres
Section 2. Commercial vehicle tyres

Section 3. Off-the-road tyres
Section 4. Agricultural vehicle tyres
Section 5. Industrial vehicle tyres
Section 6. Motor cycles tyres
Section 7. Moped tyres
Section 8. Code of practice for the storage of tyres, inner tubes and flaps

Part 2. Wheels and rims

Section 0. General (including terms and definitions, and construction and workmanship)
Section 1. Rim profiles and dimensions (including openings for valves)
Section 2. Specification for dimensions of wheel naves and hub centres for commercial vehicles
Section 3. Not published
Section 4. Not published





- Section 5. Road wheels manufactured wholly or partly of cast light alloy for passenger cars
- Section 6. Specification for road wheels manufactured wholly or partly of light alloy for mopeds and motor cycles
- Section 7. Code of practice for the selection and care of wheels for commercial vehicles
- Section 8. Code of practice for the selection and care of wheels for passenger cars (including caravans and light trailers)
- Part 3. Valves
 - Section 1. Specification for valve dimensions
 - Section 2. Tyre valve threads 5V1, 5V2, 6V1 and 8V1
 - Section 3. Tyre valve threads 9V1, 10V2, 12V1 and 13V1
 - Section 4. Tyre valve threads 8V2, 10V1, 11V1, 13V2, 15V1, 16V1, 17V1, 17V2, 17V3, 19V1 and 20V1
 - Section 5. Dimensions for ISO core chamber No. 1 for tyre inflation valves
 - Section 6. Dimensions for ISO core chamber No. 2 for tyre inflation valves
 - Section 7. Code of practice for the selection and care of tyre inflation valves for passenger cars (including caravans and light trailers)
 - Section 8. Code of practice for the selection and care of tyre inflation valves for commercial vehicles.

WARNING NOTE. Attention is drawn to note 4 to 0.1 of BS AU 50 : Part 1 : Section Oc which has the following text:

'Tyres of one size designation may be made in more than one design to suit various service applications. These designs may have differing speed capabilities. The tyre user should ascertain that the particular tyre he intends to employ is suitable for the intended use.'

Compliance with a British Standard does not of itself confer immunity from legal obligations.

2.1 Scope

This Section of BS AU 50 : Part 1 specifies sizes, loads, inflation pressures and rims for commercial vehicle tyres, for use with the associated wheel rim contours given in BS AU 50 : Part 2. Marking requirements are included and suitable inflation valve details are also given.

NOTE. The titles of the publications referred to in this standard are listed on the inside back cover.

2.2 Definitions

For the purposes of this Section of BS AU 50 : Part 1 the following definitions apply.

2.2.1 recommended rim. The rim(s) that gives the best fitment of the tyre for all conditions and types of service.

2.2.2 permitted rim. Any rim, in addition to the recommended rim, whose fitment is permitted.

2.2.3 basic pressure. The inflation pressure related to the load that would, under optimum conditions, produce the most economical tyre life.

2.2.4 service description. The combination of a tyre's load index or load indices (see 2.2.5 and table 2/1) and its speed symbol (see 2.2.6 and table 2/2).

2.2.5 load index (LI). A numerical code associated with the maximum load a tyre can carry in the single or dual application at the speed indicated by its speed symbol under the specified service conditions (see table 2/1).

2.2.6 speed symbol. An alphabetical code indicating the speed at which the tyre can carry the load corresponding to its load index or indices (see 2.2.5) under the specified service conditions (see table 2/2).

2.2.7 normal highway service. Operation on all roads and motorways up to the statutory speed limits.

2.3 Tyre markings

2.3.1 All tyre markings given in this Section of BS AU 50 : Part 1 shall be permanently and legibly marked on both sidewalls. Tyres shall be marked with the tyre size plus one of the following:

- (a) ply rating;
- (b) service description (see tables 2/1 and 2/2);
- (c) ply rating and service description.

2.3.2 Radial ply tyres shall be indicated by the letter 'R' between the tyre section marking or code marking and the rim diameter, e.g. 11.00 R 20, and/or the word 'RADIAL' elsewhere on the sidewalls.

2.3.3 Tyres of tubeless construction shall be clearly indicated.

2.4 Load capacities and inflation pressures

The inflation pressures given in table 2/3 shall be basic pressures relating to the specified loads.

NOTE. The pressure used in practice on the vehicle may be fixed by agreement between the tyre manufacturer, the vehicle manufacturer and/or the user. In which case the road holding, the maximum speed, the position of the tyre, the operating conditions and the mechanical characteristics of the vehicle should be taken into account, in addition to the load.

2.5 Tyres fitted to goods vehicles

Tyres fitted to goods vehicles operating in normal highway service shall be in accordance with table 2/3.



Table 2/1. Load index (LI)

LI	Load	LI	Load	LI	Load	LI	Load	LI	Load	LI	Load	LI	Load
	kg		kg		kg		kg		kg		kg		kg
0	45	40	140	80	450	120	1400	160	4500	200	14 000	240	45 000
1	46.2	41	145	81	462	121	1450	161	4625	201	14 500	241	46 250
2	47.5	42	150	82	475	122	1500	162	4750	202	15 000	242	47 500
3	48.7	43	155	83	487	123	1550	163	4875	203	15 500	243	48 750
4	50	44	160	84	500	124	1600	164	5000	204	16 000	244	50 000
5	51.5	45	165	85	515	125	1650	165	5150	205	16 500	245	51 500
6	53	46	170	86	530	126	1700	166	5300	206	17 000	246	53 000
7	54.5	47	175	87	545	127	1750	167	5450	207	17 500	247	54 500
8	56	48	180	88	560	128	1800	168	5600	208	18 000	248	56 000
9	58	49	185	89	580	129	1850	169	5800	209	18 500	249	58 000
10	60	50	190	90	600	130	1900	170	6000	210	19 000	250	60 000
11	61.5	51	195	91	615	131	1950	171	6150	211	19 500	251	61 500
12	63	52	200	92	630	132	2000	172	6300	212	20 000	252	63 000
13	65	53	206	93	650	133	2060	173	6500	213	20 600	253	65 000
14	67	54	212	94	670	134	2120	174	6700	214	21 200	254	67 000
15	69	55	218	95	690	135	2180	175	6900	215	21 800	255	69 000
16	71	56	224	96	710	136	2240	176	7100	216	22 400	256	71 000
17	73	57	230	97	730	137	2300	177	7300	217	23 000	257	73 000
18	75	58	236	98	750	138	2360	178	7500	218	23 600	258	75 000
19	77.5	59	243	99	775	139	2430	179	7750	219	24 300	259	77 500
20	80	60	250	100	800	140	2500	180	8000	220	25 000	260	80 000
21	82.5	61	257	101	825	141	2575	181	8250	221	25 750	261	82 500
22	85	62	265	102	850	142	2650	182	8500	222	26 500	262	85 000
23	87.5	63	272	103	875	143	2725	183	8750	223	27 250	263	87 500
24	90	64	280	104	900	144	2800	184	9000	224	28 000	264	90 000
25	92.5	65	290	105	925	145	2900	185	9250	225	29 000	265	92 500
26	95	66	300	106	950	146	3000	186	9500	226	30 000	266	95 000
27	97.5	67	307	107	975	147	3075	187	9750	227	30 750	267	97 500
28	100	68	315	108	1000	148	3150	188	10 000	228	31 500	268	100 000
29	103	69	325	109	1030	149	3250	189	10 300	229	32 500	269	103 000
30	106	70	335	110	1060	150	3350	190	10 600	230	33 500	270	106 000
31	109	71	345	111	1090	151	3450	191	10 900	231	34 500	271	109 000
32	112	72	355	112	1120	152	3550	192	11 200	232	35 500	272	112 000
33	115	73	365	113	1150	153	3650	193	11 500	233	36 500	273	115 000
34	118	74	375	114	1180	154	3750	194	11 800	234	37 500	274	118 000
35	121	75	387	115	1215	155	3875	195	12 150	235	38 750	275	121 000
36	125	76	400	116	1250	156	4000	196	12 500	236	40 000	276	125 000
37	128	77	412	117	1285	157	4125	197	12 850	237	41 250	277	128 500
38	132	78	425	117	1320	158	4250	198	13 200	238	42 500	278	132 000
39	136	79	437	119	1360	159	4375	199	13 600	239	43 750	279	136 000



2.6 Tyres fitted to municipal and local delivery vehicles

Tyres fitted to municipal and local delivery vehicles shall be in accordance with table 2/3, except that the maximum axle loads given in table 2/3 may be multiplied by a factor of 1.15 provided a speed of 65 km/h (40 mile/h) is not exceeded.

NOTE. For the definition of municipal and local delivery vehicles see Regulation 25 of The Road Vehicles (Construction and Use) Regulations 1986*.

2.7 Tyres fitted to battery electric vehicles

Tyres fitted to battery electric vehicles shall be in accordance with table 2/3, except that the axle loads and inflation pressures given in table 2/3 may be multiplied by the factors for the appropriate vehicle speed category given in table 2/4.

2.8 Tyres fitted to buses

Tyres fitted to buses in local service shall be in accordance with table 2/3, except that the axle loads given in table 2/3 may be multiplied by 1.10 provided a speed of 80 km/h (50 mile/h) is not exceeded.

2.9 Commercial vehicle tyres fitted to mobile cranes

Commercial vehicle tyres fitted to mobile cranes shall be in accordance with table 2/3, except that the axle loads and inflation pressures given in table 2/3 may be multiplied by the factors for the appropriate vehicle speed category given in table 2/5.

2.10 'C' type tyres fitted to caravans and light trailers

'C' type tyres fitted to caravans and light trailers shall be in accordance with table 2/3, except that the axle loads given in table 2/3 may be multiplied by a factor of 1.05 provided a speed of 100 km/h (62 mile/h) is not exceeded.

2.11 Tyres fitted to low platform trailers and semi-trailers

Tyres of less than size 20 diameter fitted to low platform trailers and semi-trailers shall be in accordance with table 2/3, except that the axle loads given in table 2/3 may

be multiplied by a factor of 1.085 in the case of tyres with speed symbol G or above and 1.075 in the case of tyres with speed symbol F, provided a speed of 65 km/h (40 mile/h) is not exceeded in both cases.

NOTE. For the definition of low platform trailers see Regulation 25 of The Road Vehicles (Construction and Use) Regulations 1986*.

2.12 Tyres fitted to 'Special Types' vehicles

Tyres of load index 122 or above fitted to vehicles operated under the provisions of The Motor Vehicles (Authorisation of Special Types) General Order 1979*, as subsequently amended, shall be in accordance with table 2/3, except that the axle loads and inflation pressures given in table 2/3 may be multiplied by the factors for the appropriate vehicle speed category given in table 2/6.

Table 2/2. Speed symbols

Speed symbol	Speed
	km/h.
F	80
G	90
J	100
K	110
L	120
M	130
N	140
P	150
Q	160

NOTE. The speeds given are the maximum speeds for which the use of the tyre is rated at the load corresponding to its load index or load indices.

2.13 Rims and inflation valves for tyres

Rims and inflation valves for radial and cross ply tyres shall be in accordance with table 2/7.

NOTE. For details of inflation valves see BS AU 50 : Part 3.

2.14 Dimensions for tyres and dual spacing

The maximum cross section and overall diameter of the tyre and the minimum dual spacing shall be in accordance with table 2/7.

* Available from HMSO.

Table 2/3. Maximum axle loads for tyres fitted to goods vehicles operating in normal highway service

Tyre size and ply rating	Load index (LI)		Axle load		Rims		Inflation pressure	
	Single tyres	Dual tyres	Single tyres	Dual tyres	Recommended	Permitted	Diagonal ply	Radial ply
			kg	kg			kPa	kPa
Super balloon sizes on 5° rims								
6.70-13 C6	94	93	1340	2600	5J	4½J 5½J	375	375
6.70-13 C8	99	98	1550	3000	5J	4½J 5½J	450	450
6.70-14 C8	101	99	1650	3100	5J	4½J 5½J	450	450
6.70-15 C6	98	96	1500	2840	5J	4½J 5½J	325	—
6.70-15 C8	103	102	1750	3400	5J	4½J 5½J	425	450
6.70-15 C10	108	107	2000	3900	5J	4½J 5½J	—	525
Low section inch code sizes on 5° rims								
5.50-12 C6	78	76	850	1600	4.00B	3.50B 4.50B	325	—
6.00-12 C6	83	81	974	1848	4.50B	4.00B 5.00B	325	—
6.00-14 C8	92	90	1260	2400	4½J	4J 5J	425	—
6.50-14 C6	93	91	1300	2460	5J	4½J 5½J	350	350
7.00-14 C6	94	93	1340	2600	5J	4½J 5½J	325	—
7.50-14 C6	98	96	1500	2840	5½J	5J 6J	325	—
7.50-14 C8	102	101	1700	3300	5½J	5J 6J	425	—
Millimetric series on 5° DC (drop centre) and SDC (semi drop centre) rims								
145-10 C8	82	80	950	1800	4.00B	3.50B 4.50B	—	450
145-12 C6	81	79	924	1748	4.00B	3½J 3.50B	—	350
						4J 4.00C		
						4.50B 4.50C		
						4½J		
145-12 C8	86	84	1060	2000	4.00B	3½J 3.50B	—	450
						4J 4.00C		
						4.50B 4.50C		
						4½J		
155-12 C6	83	81	974	1848	4.50B	4.00B 5.00B	—	350
145-13 C6	83	81	974	1848	4J	3½J 4½J	—	350
155-13 C6	85	83	1030	1984	4½J	4, 4½, 5J or 5B	—	350
145-13 C8	88	86	1120	2120	4J	3½J 4½J	—	450
165-14 C6	93	91	1300	2460	4½J	4J 5J	—	375
165-14 C8	97	95	1460	2760	4½J	4J 5J	—	450
175-14 C6	96	94	1420	2680	5J	4½J 5½J	—	375
175-14 C8	99	98	1550	3000	5J	4½J 5½J	—	450
185-14 C6	99	97	1550	2920	5½J	5J 6J	—	375
185-14 C8	102	100	1700	3200	5½J	5J 6J	—	450
195-14 C6	102	100	1700	3200	5½J	5J 6J	375	375
195-14 C8	106	104	1900	3600	5½J	5J 6J	450	450
205-14 C6	105	103	1850	3500	6J	5½J 6½J	—	375
205-14 C8	109	107	2060	3900	6J	5½J 6½J	—	450
215-14 C8	112	110	2240	4240	6J	5½J 6½J	—	450
145-15 C8	91	89	1230	2320	4J	3½J 4½J	—	450
185-15 C8	103	102	1750	3400	5½J	5J 6J	—	450

For notes to this table see page 10.

Table 2/3 (continued)

Tyre size and ply rating	Load index (LI)		Axle load		Rims		Inflation pressure	
	Single tyres	Dual tyres	Single tyres	Dual tyres	Recommended	Permitted	Diagonal ply	Radial ply
			kg	kg			kPa	kPa
175-16 C6	98	96	1500	2840	5J	4½J 5½J	—	375
175-16 C8	101	99	1650	3100	5J	4½J 5½J	—	450
185-16 C8	104	102	1800	3400	5½J	5J 6J	—	450
195-16 C8	107	105	1950	3700	5½J	5J 6J	—	450
205-16 C6	106	104	1900	3600	6J	5½J 6½J	—	375
205-16 C8	110	108	2120	4000	6J	5½J 6½J	—	450
215-16 C6	110	108	2120	4000	6J	5½J 6½J	—	375
215-16 C8	113	111	2300	4360	6J	5½J 6½J	—	450
Millimetric 70 series on 5° DC and SDC rims								
175/70-15 C	97	95	1460	2760	5J	4½J 5½J	—	450
185/70-15 C	100	98	1600	3000	5½J	5J 6J	—	450
195/70-15 C	103	101	1750	3300	5½J	5J 6J	—	450
205/70-15 C	106	104	1900	3600	6J	5½J 6½J	—	450
215/70-15 C	109	107	2060	3900	6J	5½J 6½J	—	450
225/70-15 C	112	110	2240	4240	6½J	6J 7J	—	450
Millimetric 70 series on 5° DC and SDC rims — Multipurpose (MPT)								
455/70-24 MPT	154	—	7500	—	14.0	13.0	—	450
Millimetric 75 series on 5° DC and SDC rims								
165/75-14 C	97	95	1460	2760	4½J	4J 5J	—	475
175/75-14 C	99	98	1550	3000	5J	4½J 5½J	—	475
185/75-14 C	102	100	1700	3200	5½J	5J 6J	—	475
195/75-14 C	106	104	1900	3600	5½J	5J 6J	—	475
205/75-14 C	109	107	2060	3900	6J	5½J 6½J	—	475
215/75-14 C	112	110	2240	4240	6J	5½J 6½J	—	475
165/75-16 C	98	96	1500	2840	4½J	4J 5J	—	475
175/75-16 C	101	99	1650	3100	5J	4½J 5½J	—	475
185/75-16 C	104	102	1800	3400	5½J	5J 6J	—	475
195/75-16 C	104	102	1800	3400	5½J	5J 6J	—	375
195/75-16 C	107	105	1950	3700	5½J	5J 6J	—	475
205/75-16 C	110	108	2120	4000	6J	5½J 6½J	—	475
215/75-16 C	113	111	2300	4360	6J	5½J 6½J	—	475
215/75-16 C	116	114	2500	4720	6J	5½J 6½J	—	525
225/75-16 C	116	114	2500	4720	6½J	6J 7J	—	475
225/75-16 C	118	116	2640	5000	6½J	6J 7J	—	525
255/75-15 C	118	116	2640	5000	7J	6½J, 7½J, 8J	—	375
Inch code sizes on 5° DC and SDC rims								
6.00-16 C6	95	92	1380	2520	4.50E	—	325	—
6.00-16 C10	103	101	1750	3300	4.50E	5.50F	500	500
6.50-16 C6	98	97	1500	2920	5.00F	4.50E 5.50F	325	—

For notes to this table see page 10.



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Table 2/3 (continued)

Tyre size and ply rating	Load index (LI)		Axle load		Rims		Inflation pressure	
	Single tyres	Dual tyres	Single tyres	Dual tyres	Recommended	Permitted	Diagonal ply	Radial ply
			kg	kg			kPa	kPa
6.50-16 C8	104	102	1800	3400	5.00F	4.50E 5.50F	425	—
6.50-16 C10	108	107	2000	3900	5.00F	4.50E 5.50F	500	500
7.00-16 C6	102	100	1700	3200	5.50F	—	300	—
7.00-16 C8	108	106	2000	3800	5.50F	—	400	—
7.00-16 C10	113	112	2300	4480	5.50F	—	525	—
7.00-16 12	117	116	2570	5000	5.50F	6.00G	600	600
7.50-16 C6	108	106	2000	3800	6.00G	5.50F	350	—
7.50-16 C8	112	110	2240	4240	6.00G	5.50F	400	450
7.50-16 C10	116	114	2500	4720	6.00G	6.50H	475	—
7.50-16 12, A-16	121	120	2900	5600	6.50H	6.00G	650	625
8.25-16 12	125	124	3300	6400	6.50H	—	575	—
8.25-16 14, B-16	128	126	3600	6800	6.50H	—	650	675
9.00-16 C6	114	111	2360	4360	6½L	—	300	—
9.00-16 8	119	117	2720	5140	6½L	6.00G 6.50H	350	375
9.00-16 14	134	131	4240	7800	7.00N	6.50H	700	725
11.00-16	133	—	4120	—	6.50N	—	—	550
Inch code sizes on 15° DC rims								
7-17.5 C	108	107	2000	3900	5.25	—	—	500
8-17.5 C	113	112	2300	4480	6.00	—	—	525
8-17.5	117	116	2570	5000	6.00	5.25	—	600
8.5-17.5	121	120	2900	5600	6.00	5.25	—	625
9-17.5	123	121	3100	5800	6.75	6.00	—	675
9.5-17.5	126	124	3400	6400	6.75	6.00	—	675
9.5-17.5	129	127	3700	7000	6.75	6.00	—	750
10-17.5	130	128	3800	7200	7.50	6.75	—	700
10-17.5	134	132	4240	8000	7.50	6.75	—	800
8-19.5	123	122	3100	6000	6.00	5.25	—	650
9-19.5	130	128	3800	7200	6.75	6.00	—	675
9.5-19.5	134	131	4240	7800	6.75	6.00	—	675
8-22.5	128	127	3600	7000	6.00	5.25	—	675
9-22.5 14, B22.5	133	131	4120	7800	6.75	6.00	—	675
10-22.5 14, C22.5	140	137	5000	9200	7.50	6.75	—	725
11-22.5 16, D22.5	146	143	6000	10 900	8.25	7.50	—	800
11-22.5	148	144	6300	11 200	8.25	7.50	—	850
12-22.5 16, E22.5	149	145	6500	11 600	9.00	8.25	—	800
12-22.5	150	146	6700	12 000	9.00	8.25	—	800
13-22.5 18	154	149	7500	13 000	9.75	9.00	—	850
Inch code 70 series on 15° DC rims								
10/70-22.5 14	140	137	5000	9200	7.50	6.75	—	850
11/70-22.5 16	146	143	6000	10 900	8.25	7.50	—	875

For notes to this table see page 10.



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Table 2/3 (continued)

Tyre size and ply rating	Load index (LI)		Axle load		Rims		Inflation pressure	
	Single tyres	Dual tyres	Single tyres	Dual tyres	Recommended	Permitted	Diagonal ply	Radial ply
			kg	kg			kPa	kPa
12/70-22.5 16	149	145	6500	11 600	9.00	8.25	—	825
12/70-22.5 16	149	146	6500	12 000	9.00	8.25	—	825
13/70-22.5 18	154	149	7500	13 000	9.75	9.00	—	850
Millimetric 70 series on 15° DC rims								
245/70-19.5	133	131	4120	7800	7.50	6.75	—	725
265/70-19.5	136	134	4480	8480	7.50	8.25	—	725
285/70-19.5	140	137	5000	9200	8.25	7.50	—	725
305/70-19.5	146	143	6000	10 900	9.00	8.25	—	825
255/70-22.5	140	137	5000	9200	7.20	8.25, 6.75	—	800
275/70-22.5	140	137	5000	9200	8.25	7.50	—	725
275/70-22.5	146	144	6000	11 200	8.25	7.50	—	875
295/70-22.5	146	143	6000	10 900	9.00	8.25, 7.50	—	775
305/70-22.5	149	146	6500	12 000	9.00	8.25	—	825
315/70-22.5	149	145	6500	11 600	9.00	8.25	—	800
315/70-22.5	152	146	7100	12 000	9.00	9.75*	—	850
Millimetric 75 series on 15° DC rims								
205/75-17.5	121	120	2900	5600	6.00	6.75, 5.25	—	675
215/75-17.5	124	123	3200	6200	6.00	6.75	—	675
225/75-17.5	126	125	3400	6600	6.75	6.00	—	675
235/75-17.5	130	128	3800	7200	6.75	7.50	—	725
295/75-22.5	146	143	6000	10 900	9.00	8.25	—	750
295/75-22.5	149	145	6500	11 600	9.00	8.25	—	825
315/75-22.5	154	149	7500	13 000	9.75	9.00	—	850
305/75-24.5	154	149	7500	13 000	9.00	9.75	—	850
315/75-24.5	154	149	7500	13 000	9.00	9.75	—	800
Millimetric 80 series on 15° DC rims								
275/80-22.5	146	143	6000	10 900	8.25	7.50	—	800
295/80-22.5	146	143	6000	10 900	9.00	8.25	—	700
295/80-22.5	149	145	6500	11 600	9.00	8.25	—	800
295/80-22.5	150	146	6700	12 000	8.25	—	—	800
295/80-22.5	152	146	7100	12 000	8.25	—	—	800
315/80-22.5	149	145	6500	11 600	9.00	9.75	—	700
315/80-22.5	154	149	7500	13 000	9.00	9.75	—	825
295/80-24.5	149	145	6500	11 600	9.00	8.25	—	750
Inch code sizes on 5° tapered and FB (flat base) rims								
8.25-17 14, B17	130	128	3800	7200	B6.5	B6.0	675	675
7.00-20 12	120	118	2800	5280	B6.0	B5.0	575	575
7.50-20 10	123	122	3100	6000	B6.0	—	550	550

*Tyre 315/70-22.5, LI 152/146, may be fitted as a replacement tyre on an existing vehicle on a 8.25 rim provided that the single tyre axle load does not exceed 6500 kg, or 6610 kg if the tyre is marked 16PR.

For notes to this table see page 10.





Table 2/3 (continued)

Tyre size and ply rating	Load index (LI)		Axle load		Rims		Inflation pressure	
	Single tyres	Dual tyres	Single tyres	Dual tyres	Recommended	Permitted	Diagonal ply	Radial ply
			kg	kg			kPa	kPa
7.50-20 12, A20	128	127	3600	7000	B6.0	—	675	675
8.25-20 12	130	128	3800	7200	B6.5	B6.0	600	600
8.25-20 14, B20	133	131	4120	7800	B6.5	B6.0	675	675
9.00-20 12	136	133	4480	8240	B7.0	B6.5	625	625
9.00-20 14, C20	140	137	5000	9200	B7.0	B6.5	700	725
10.00-20 14	142	139	5300	9720	B7.5	B7.0	650	675
10.00-20 16, D20	146	143	6000	10 900	B7.5	—	750	800
11.00-20 14	146	143	6000	10 900	B8.0	B7.5	675	725
11.00-20 16, E20	149	145	6500	11 600	B8.0	B7.5	725	800
12.00-20 18, F20	154	149	7500	13 000	B8.5	8.37V	775	850
12.00-20 20	157	153	8250	14 600	B8.5	8.37V	—	900
13.00-20 18	158	—	8500	—	B8.5	10.00V, 8.37V	725	750
14.00-20 18	160	—	9000	—	10.00W	10.00V	700	700
14.00-20 20	162	—	9500	—	10.00W	10.00V	750	—
14.00-20 22, G20	164	—	10 000	—	10.00W	10.00V	800	750
15.00-20 22	169	—	11 600	—	11.25	—	750	—
15.00-20 24	172	—	12 600	—	11.25	—	850	—
11.00-22 16, E22	150	146	6700	12 000	B8.0	—	—	800
12.00-24 18, F24	156	153	8000	14 600	B8.5	8.37V	775	750
12.00-24 20	160	156	9000	16 000	B8.5	8.37V	900	—
14.00-24 22, G24	168	—	11 200	—	10.00W	10.00V	800	—
Inch code 80 series on 5° tapered and FB rims								
12/80-20 16	149	145	6500	11 600	B8.5	B7.5, B8.0 9.0	—	800
13/80-20 18	153	149	7300	13 000	9.00V 9.00	B8.5 8.50V	—	775
14/80-20 18	157	—	8250	—	10.00V	9.0	—	825
14/80-20	160	—	9000	—	10.00V	9.0	—	900
Wide base inch code sizes on 15° rims								
16.5-19.5 20	161	—	9250	—	13.00	—	—	800
18-19.5 18	163	—	9750	—	14.00	—	700	—
18-19.5 20	165	—	10 300	—	14.00	—	750	800
15-22.5 18	157	—	8250	—	11.75	12.25	725	775
16.5-22.5 18	162	—	9500	—	13.00	—	675	—
16.5-22.5 20	165	—	10 300	—	13.00	14.00	—	800
18-22.5 18	166	—	10 600	—	14.00	—	675	—
18-22.5 20	168	—	11 200	—	14.00	—	—	800
Wide base millimetric sizes on 15° rims								
445/65-19.5	165	—	10 300	—	14.00	—	—	850
385/65-22.5	158	—	8500	—	11.75	12.25	—	850
385/65-22.5	160	—	9000	—	11.75	12.25	—	900

For notes to this table see page 10.



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