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AMENDMENT 1
1997-12-15

Motorcycle tyres and rims (metric series) —

Part 2:

Tyre dimensions and load-carrying capacities

AMENDMENT 1

Pneumatiques et jantes pour motocycles (séries millimétriques) —

Partie 2: Cotes et capacités de charge des pneumatiques

AMENDEMENT 1



Reference number
ISO 5751-2:1994/Amd.1:1997(E)

Foreword

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Amendment 1 to ISO 5751-2:1994 was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 10, *Cycle, moped, motorcycle tyres and rims*.

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Motorcycle tyres and rims (metric series) —

Part 2:

Tyre dimensions and load-carrying capacities

AMENDMENT 1

Page 1

Subclause 4.1

Insert the following line:

“— “B” for bias-belted;”

Page 3

Clause 9

Change the first line of item b) to read:

“b) rim diameter codes 13 and above (applies also to rim diameter codes 12 and below in series 70 and below).”

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Table 11

Replace the existing table 11 with the following table:

Table 11 — Maximum tyre load ratings for 100 series tyres — Nominal ring diameter codes 14, 15, 16, 17, 18 and 19

Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg
70/100 - 14 M/C	37 ⁴⁾	128
	42 ³⁾	150
80/100 - 14 M/C	43 ⁴⁾	155
	49 ³⁾	185
90/100 - 14 M/C	49 ⁴⁾	185
	55 ³⁾	218
70/100 - 15 M/C	38 ⁴⁾	132
80/100 - 15 M/C	44 ⁴⁾	160
90/100 - 15 M/C	50 ⁴⁾	190
60/100 - 16	31 ⁴⁾	109
	38 ³⁾	132
70/100 - 16	39 ⁴⁾	136
	45 ³⁾	165
80/100 - 16	45 ⁴⁾	165
	51 ³⁾	195
90/100 - 16	51 ⁴⁾	195
	58 ³⁾	236
100/100 - 16	57 ⁴⁾	230
130/100 - 16	70 ⁴⁾	335
	76 ³⁾	400
140/100 - 16	74 ⁴⁾	375
	80 ³⁾	450
60/100 - 17	33 ⁴⁾	115
	39 ³⁾	136
70/100 - 17	40 ⁴⁾	140
	46 ³⁾	170
80/100 - 17	46 ⁴⁾	170
	53 ³⁾	206
90/100 - 17	53 ⁴⁾	206
	59 ³⁾	243
100/100 - 17	58 ⁴⁾	236
	64 ³⁾	280
110/100 - 17	63 ⁴⁾	272
	69 ³⁾	325

Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg
120/100 - 17	67 ⁴⁾	307
	73 ³⁾	365
130/100 - 17	71 ⁴⁾	345
	77 ³⁾	412
70/100 - 18	41 ⁴⁾	145
	47 ³⁾	175
80/100 - 18	47 ⁴⁾	175
	54 ³⁾	212
90/100 - 18	54 ⁴⁾	212
	60 ³⁾	250
100/100 - 18	59 ⁴⁾	243
	65 ³⁾	290
110/100 - 18	64 ⁴⁾	280
	70 ³⁾	335
120/100 - 18	68 ⁴⁾	315
	74 ³⁾	375
130/100 - 18	72 ⁴⁾	355
	78 ³⁾	425
70/100 - 19	42 ⁴⁾	150
	48 ³⁾	180
80/100 - 19	49 ⁴⁾	185
	55 ³⁾	218
90/100 - 19	55 ⁴⁾	218
	61 ³⁾	257
100/100 - 19	60 ⁴⁾	250
	66 ³⁾	300
110/100 - 19	65 ⁴⁾	290
	71 ³⁾	345
120/100 - 19	69 ⁴⁾	325
	75 ³⁾	387
130/100 - 19	73 ⁴⁾	365
	79 ³⁾	437

- 1) The full designation shall be as given in clause 4.
- 2) See clause 9.
- 3) Extra load version.
- 4) Normal load version.

Table 12

Replace the existing table 12 with the following table:

Table 12 — Maximum tyre load ratings for 100 series tyres — Nominal ring diameter codes 8, 10 and 12

Nominal rim diameter code 8			Nominal rim diameter code 10			Nominal rim diameter code 12		
Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg	Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg	Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg
70/100 - 8	26 ⁵⁾	95	70/100 - 10	30 ⁵⁾	106	70/100 - 12	34 ⁵⁾	118
	36 ⁴⁾	125		40 ⁴⁾	140		43 ⁴⁾	155
	41 ³⁾	145		45 ³⁾	165		48 ³⁾	180
80/100 - 8	34 ⁵⁾	118	80/100 - 10	38 ⁵⁾	132	80/100 - 12	41 ⁵⁾	145
	43 ⁴⁾	155		46 ⁴⁾	170		50 ⁴⁾	190
	48 ³⁾	180		52 ³⁾	200		54 ³⁾	218
90/100 - 8	40 ⁵⁾	140	90/100 - 10	43 ⁵⁾	155	90/100 - 12	46 ⁵⁾	170
	49 ⁴⁾	185		53 ⁴⁾	206		56 ⁴⁾	224
	54 ³⁾	212		58 ³⁾	236		61 ³⁾	257
100/100 - 8	45 ⁵⁾	165	100/100 - 10	49 ⁵⁾	185	100/100 - 12	52 ⁵⁾	200
	55 ⁴⁾	218		59 ⁴⁾	243		62 ⁴⁾	265
	60 ³⁾	250		64 ³⁾	280		67 ³⁾	307
110/100 - 8	50 ⁵⁾	190	110/100 - 10	54 ⁵⁾	212	110/100 - 12	58 ⁵⁾	236
	60 ⁴⁾	250		64 ⁴⁾	280		67 ⁴⁾	307
	65 ³⁾	290		69 ³⁾	325		72 ³⁾	355
120/100 - 8	55 ⁵⁾	218	120/100 - 10	59 ⁵⁾	243	120/100 - 12	62 ⁵⁾	265
	65 ⁴⁾	290		68 ⁴⁾	315		71 ⁴⁾	345
	70 ³⁾	335		73 ³⁾	365		76 ³⁾	400
130/100 - 8	60 ⁵⁾	250	130/100 - 10	64 ⁵⁾	280	130/100 - 12	66 ⁵⁾	300
	69 ⁴⁾	325		73 ⁴⁾	365		75 ⁴⁾	387
	74 ³⁾	375		78 ³⁾	425		80 ³⁾	450

1) The full designation shall be as given in clause 4.

2) See clause 9.

3) Extra load version.

4) Normal load version.

5) Light load version.

Table 13

Replace the existing table 13 with the following table:

Table 13 — Maximum tyre load ratings for 90 series tyres — Nominal ring diameter codes 14, 15, 16, 17, 18, 19 and 21

Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg
70/90 - 14 M/C	34 ⁴⁾	118
	40 ³⁾	140
80/90 - 14 M/C	40 ⁴⁾	140
90/90 - 15 M/C	47 ⁴⁾	175
100/90 - 15 M/C	53 ⁴⁾	206
110/90 - 15 M/C	58 ⁴⁾	236
120/90 - 15 M/C	62 ⁴⁾	265
130/90 - 15 M/C	66 ⁴⁾	300
140/90 - 15 M/C	70 ⁴⁾	335
	76 ³⁾	400
150/90 - 15 M/C	74 ⁴⁾	375
	80 ³⁾	450
60/90 - 16	29 ⁴⁾	103
	35 ³⁾	121
70/90 - 16	36 ⁴⁾	125
	42 ³⁾	150
80/90 - 16	43 ⁴⁾	155
	48 ³⁾	180
90/90 - 16	48 ⁴⁾	180
	55 ³⁾	218
100/90 - 16	54 ⁴⁾	212
110/90 - 16	59 ⁴⁾	243
120/90 - 16	63 ⁴⁾	272
130/90 - 16	67 ⁴⁾	307
	73 ³⁾	365
140/90 - 16	71 ⁴⁾	345
	77 ³⁾	412
150/90 - 16	75 ⁴⁾	387
	81 ³⁾	462
60/90 - 17	30 ⁴⁾	106
	36 ³⁾	125
70/90 - 17	38 ⁴⁾	132
	43 ³⁾	155
80/90 - 17	44 ⁴⁾	160
	50 ³⁾	190
90/90 - 17	49 ⁴⁾	185
	56 ³⁾	224
100/90 - 17	55 ⁴⁾	218
	61 ³⁾	257

Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg
110/90 - 17	60 ⁴⁾	250
	66 ³⁾	300
120/90 - 17	64 ⁴⁾	280
	70 ³⁾	335
130/90 - 17	68 ⁴⁾	315
	74 ³⁾	375
70/90 - 18	39 ⁴⁾	136
	44 ³⁾	160
80/90 - 18	45 ⁴⁾	165
	51 ³⁾	195
90/90 - 18	51 ⁴⁾	195
	57 ³⁾	230
100/90 - 18	56 ⁴⁾	224
	62 ³⁾	265
110/90 - 18	61 ⁴⁾	257
	67 ³⁾	307
120/90 - 18	65 ⁴⁾	290
	71 ³⁾	345
130/90 - 18	69 ⁴⁾	325
	75 ³⁾	387
70/90 - 19	40 ⁴⁾	140
	45 ³⁾	165
80/90 - 19	46 ⁴⁾	170
	52 ³⁾	200
90/90 - 19	52 ⁴⁾	200
	58 ³⁾	236
100/90 - 19	57 ⁴⁾	230
	63 ³⁾	272
110/90 - 19	62 ⁴⁾	265
	68 ³⁾	315
120/90 - 19	66 ⁴⁾	300
	72 ³⁾	355
130/90 - 19	70 ⁴⁾	355
	76 ³⁾	400
90/90 - 21	54 ⁴⁾	212
100/90 - 21	59 ⁴⁾	243

- 1) The full designation shall be as given in clause 4.
- 2) See clause 9.
- 3) Extra load version.
- 4) Normal load version.

Table 14

Replace the existing table 14 with the following table:

Table 14 — Maximum tyre load ratings for 90 series tyres — Nominal ring diameter codes 8, 10 and 12

Nominal rim diameter code 8			Nominal rim diameter code 10			Nominal rim diameter code 12		
Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg	Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg	Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg
60/90 - 8	16 ⁵⁾	71	60/90 - 10	20 ⁵⁾	80	60/90 - 12	24 ⁵⁾	90
	25 ⁴⁾	92,5		30 ⁴⁾	106		34 ⁴⁾	118
	30 ³⁾	106		35 ³⁾	121		39 ³⁾	136
70/90 - 8	24 ⁵⁾	90	70/90 - 10	28 ⁵⁾	100	70/90 - 12	31 ⁵⁾	109
	34 ⁴⁾	118		38 ⁴⁾	132		41 ⁴⁾	145
	39 ³⁾	136		43 ³⁾	155		46 ³⁾	170
80/90 - 8	31 ⁵⁾	109	80/90 - 10	35 ⁵⁾	121	80/90 - 12	39 ⁵⁾	136
	41 ⁴⁾	145		44 ⁴⁾	160		48 ⁴⁾	180
	46 ³⁾	170		49 ³⁾	185		53 ³⁾	206
90/90 - 8	38 ⁵⁾	132	90/90 - 10	41 ⁵⁾	145	90/90 - 12	44 ⁵⁾	160
	47 ⁴⁾	175		50 ⁴⁾	190		54 ⁴⁾	212
	52 ³⁾	200		55 ³⁾	218		59 ³⁾	243
100/90 - 8	43 ⁵⁾	155	100/90 - 10	46 ⁵⁾	170	100/90 - 12	49 ⁵⁾	185
	53 ⁴⁾	206		56 ⁴⁾	224		59 ⁴⁾	243
	58 ³⁾	236		61 ³⁾	257		64 ³⁾	280
110/90 - 8	48 ⁵⁾	180	110/90 - 10	51 ⁵⁾	195	110/90 - 12	54 ⁵⁾	212
	58 ⁴⁾	236		61 ⁴⁾	257		64 ⁴⁾	280
	63 ³⁾	272		66 ³⁾	300		69 ³⁾	325
120/90 - 8	52 ⁵⁾	200	120/90 - 10	57 ⁵⁾	230	120/90 - 12	60 ⁵⁾	250
	62 ⁴⁾	265		66 ⁴⁾	300		69 ⁴⁾	325
	67 ³⁾	307		71 ³⁾	345		74 ³⁾	375
130/90 - 8	57 ⁵⁾	230	130/90 - 10	61 ⁵⁾	257	130/90 - 12	64 ⁵⁾	280
	66 ⁴⁾	300		70 ⁴⁾	335		73 ⁴⁾	365
	71 ³⁾	345		75 ³⁾	387		78 ³⁾	425

- 1) The full designation shall be as given in clause 4.
 2) See clause 9.
 3) Extra load version.
 4) Normal load version.
 5) Light load version.

Table 15

Replace the existing values for tyre size designation 160/80 - 16 with the following:

160/80 - 16	75	387
	81 ³⁾	462

Table 16

Replace the existing table 16 with the following table:

Table 16 — Maximum tyre load ratings for 80 series tyres — Nominal ring diameter codes 8, 10 and 12

Nominal rim diameter code 8			Nominal rim diameter code 10			Nominal rim diameter code 12		
Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg	Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg	Tyre size designation ¹⁾	Load index	Maximum load capacity ²⁾ kg
60/80 - 8	13 ⁵⁾	65	60/80 - 10	17 ⁵⁾	73	60/80 - 12	20 ⁵⁾	80
	22 ⁴⁾	85		26 ⁴⁾	95		30 ⁴⁾	106
	27 ³⁾	97,5		31 ³⁾	109		35 ³⁾	121
70/80 - 8	20 ⁵⁾	80	70/80 - 10	25 ⁵⁾	92,5	70/80 - 12	28 ⁵⁾	100
	30 ⁴⁾	106		35 ⁴⁾	121		38 ⁴⁾	132
	35 ³⁾	121		40 ³⁾	140		43 ³⁾	155
80/80 - 8	27 ⁵⁾	97,5	80/80 - 10	31 ⁵⁾	109	80/80 - 12	35 ⁵⁾	121
	37 ⁴⁾	128		41 ⁴⁾	145		44 ⁴⁾	160
	42 ³⁾	150		46 ³⁾	170		49 ³⁾	185
90/80 - 8	34 ⁵⁾	118	90/80 - 10	38 ⁵⁾	132	90/80 - 12	41 ⁵⁾	145
	43 ⁴⁾	155		47 ⁴⁾	175		50 ⁴⁾	190
	48 ³⁾	180		52 ³⁾	200		55 ³⁾	218
100/80 - 8	40 ⁵⁾	140	100/80 - 10	43 ⁵⁾	155	100/80 - 12	46 ⁵⁾	170
	48 ⁴⁾	185		53 ⁴⁾	206		56 ⁴⁾	224
	54 ³⁾	212		58 ³⁾	236		61 ³⁾	257
110/80 - 8	44 ⁵⁾	160	110/80 - 10	48 ⁵⁾	180	110/80 - 12	51 ⁵⁾	195
	54 ⁴⁾	212		58 ⁴⁾	236		61 ⁴⁾	257
	59 ³⁾	243		63 ³⁾	272		66 ³⁾	300
120/80 - 8	49 ⁵⁾	185	120/80 - 10	52 ⁵⁾	200	120/80 - 12	55 ⁵⁾	218
	59 ⁴⁾	243		62 ⁴⁾	265		65 ⁴⁾	290
	64 ³⁾	280		67 ³⁾	307		70 ³⁾	335
130/80 - 8	53 ⁵⁾	206	130/80 - 10	57 ⁵⁾	230	130/80 - 12	60 ⁵⁾	250
	63 ⁴⁾	272		66 ⁴⁾	300		69 ⁴⁾	325
	68 ³⁾	315		71 ³⁾	345		74 ³⁾	375

- 1) The full designation shall be as given in clause 4.
- 2) See clause 9.
- 3) Extra load version.
- 4) Normal load version.
- 5) Light load version.