

INTERNATIONAL STANDARD

ISO
5751-1

Fourth edition
1994-12-15

AMENDMENT 1
1999-04-15

Motorcycle tyres and rims (metric series) —

Part 1: Design guides

AMENDMENT 1

Pneumatiques et jantes pour motocycles (séries millimétriques) —

Partie 1: Guide de conception

AMENDEMENT 1



Reference number
ISO 5751-1:1994/Amd.1:1999(E)

Foreword

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Amendment 1 to International Standard ISO 5751-1:1994 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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Printed in Switzerland

Motorcycle tyres and rims (metric series) —

Part 1: Design guides

AMENDMENT 1

Page 2, subclause 4.1.3

Add the following list item:

- “B” for bias belted type constructions;

Add the following note, and renumber the subsequent notes as 4, 5 and 6:

NOTE 3 “Bias belted construction” describes a pneumatic tyre structure of diagonal (bias ply) type in which the carcass is restricted by a substantially inextensible circumferential belt.

With reference to the definition of “radial ply tyre” given in ISO 4223-1, for the purposes of this part of ISO 5751, “substantially at 90°” means angles between 70° and 90° as measured from the centreline of the tread.

Page 2, subclause 4.3.3

Add the following paragraphs at the end of the subclause:

Tyres suitable for speeds above 240 km/h shall be marked with the appropriate speed category marking “V”, “VB”, “VR”, “ZB” or “ZR”.

EXAMPLE 1 120/60 VR 17

For speed category “V”, “VB” or “VR” tyres suitable for speeds over 240 km/h, a service description with the speed symbol “V” may be marked in parentheses.

EXAMPLE 2 120/60 VR 17 (55V)

For speed category “ZB” or “ZR” tyres suitable for speeds up to 270 km/h, a service description with the speed symbol “W” may be marked.

EXAMPLE 3 120/60 ZR 17 55W

If they are suitable for speeds over 270 km/h, the service description should be marked in parentheses.

EXAMPLE 4 120/60 ZR 17 (55W)

Page 2

Add the following new subclauses:

4.3.5 The maximum speed approved by the tyre manufacturer may be marked on the tyre.

EXAMPLE “V250” to identify a maximum speed of 250 km/h.

4.3.6 The symbol MST may be used to identify special service tyres.

4.3.7 The symbol DP may be used to identify tread type C tyres.

Page 3, subclause 4.4.1

Replace item b) with the following:

- b) service description of:
 - load-carrying capacity 290 kg, corresponding to load index “65”,
 - maximum speed 180 km/h, corresponding to speed symbol “S”;

shall be marked

120/80 - 18 M/C	65 S
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Page 3, subclause 4.4.2

Replace the first line with the following:

4.4.2 A motorcycle tyre having

Replace item b) with the following:

- b) service description of:
 - reference speed in excess of 240 km/h (code letter “ZR”),
 - reference load carrying capacity 300 kg, corresponding to load index “66”,
 - maximum speed 270 km/h, corresponding to speed symbol “W”;

shall be marked

140/70 ZR 17 M/C	66 W
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In case of VR, VB tyres approved for speeds in excess of 240 km/h or of ZR, ZB tyres approved for speeds in excess of 270 km/h, the “service description” shall be marked in parentheses.

EXAMPLE 140/70 ZR 17M/C (66W)

The actual maximum speed certified by the tyre manufacturer may be marked in clear on the tyre.

EXAMPLE V280 to identify a maximum speed of 280 km/h.

Page 5, Table 2

Replace footnote 2) with the following:

- 2) 1,08 for tyres on rim diameter code 12 and below and 1,07 for radial tyres.

Delete footnotes 1), 4) and 6), and renumber the remaining footnotes as footnotes 1), 2) and 3).