

### Contents

	Page
<b>National foreword</b>	<b>4</b>
<b>National Annex NA (informative) Bibliography</b>	<b>5</b>
<b>Foreword</b>	<b>6</b>
<b>1 Scope</b>	<b>7</b>
<b>2 Normative references</b>	<b>7</b>
<b>3 Terms and definitions</b>	<b>7</b>
<b>4 Designation</b>	<b>7</b>
4.1 Size and construction	7
4.1.1 Characteristics	7
4.1.2 Nominal section width	8
4.1.3 Nominal aspect ratio	8
4.1.4 Tyre construction code	8
4.1.5 Nominal rim diameter code	8
4.2 Service description	9
4.2.1 General	9
4.2.2 Load index	9
4.2.3 Speed symbol	9
4.2.4 Speed category	10
4.3 Other service characteristics	10
<b>5 Marking</b>	<b>12</b>
<b>6 Tyre dimensions</b>	<b>12</b>
6.1 Rounding values	12
6.2 Calculation of design tyre dimensions	13
6.2.1 Theoretical rim width, $R_{th}$	13
6.2.2 Measuring rim width code, $R_{mc}$	13
6.2.3 Design tyre section width, $S$	13
6.2.4 Design tyre section height, $H$	14
6.2.5 Design tyre overall diameter, $D_0$	14
6.2.6 Guidelines	14
6.3 Calculation of maximum overall (grown) tyre dimensions in service tyre mounted on their measuring rims	14
6.3.1 General	14
6.3.2 Maximum overall (grown) width in service, $W_{max}$	14
6.3.3 Maximum overall (grown) diameter in service, $D_{0,max}$	15
6.4 Calculation of minimum tyre dimensions for radial tyres mounted on their measuring rims	15
6.4.1 Minimum tyre section width, $S_{min}$	15
6.4.2 Minimum tyre overall diameter, $D_{0,min}$	15
6.5 Range of approved rims	15
<b>7 Tyre dimension measurement procedure</b>	<b>16</b>
<b>8 Inflation pressures</b>	<b>16</b>
<b>9 Load carrying-capacities</b>	<b>17</b>
<b>10 Choice of tyre sizes</b>	<b>17</b>
<b>11 Camber angle</b>	<b>18</b>

<b>Annex A</b> (informative) <b>Guideline values for metric-series tyres</b> .....	<b>20</b>
<b>Annex B</b> (normative) <b>Load indices for passenger car tyres</b> .....	<b>28</b>
<b>Annex C</b> (normative) <b>Minimum inflation pressure for intermediate load</b> .....	<b>48</b>
<b>Annex D</b> (informative) <b>Other existing size markings</b> .....	<b>56</b>
<b>Bibliography</b> .....	<b>58</b>