

ISO 3739-1:2022-10 (E)

Industrial tyres and rims - Part 1: Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims - Designation, dimensions and marking

Contents		Page
Foreword		iv
1 Scope	1	1
2 Normative references		1
3 Terms and definitions		1
4 Tyre designations		1
4.1 Dimensional and constructional characteristics		1
4.1.1 General		1
4.1.2 Nominal section width		2
4.1.3 Nominal aspect ratio		2
4.1.4 Tyre construction code		2
4.1.5 Nominal rim diameter code		2
4.2 Service description		2
4.2.1 General		2
4.2.2 Load index		3
4.2.3 Speed symbol		4
4.3 Other service characteristics		5
5 Marking		5
5.1 General marking		5
5.2 Maximum speed marking		5
6 Tyre dimensions		6
6.1 General		6
6.2 Calculation of design tyre dimensions		6
6.2.1 Nominal aspect ratio, AR		6
6.2.2 Theoretical rim width, R _{th}		6
6.2.3 Design tyre section width, S		6
6.2.4 Design tyre section height, H		6
6.2.5 Design tyre overall diameter, D _O		6
6.3 Calculation of maximum overall tyre dimensions in service		6
6.3.1 General		6
6.3.2 Maximum overall width in service, W _{max}		7
6.3.3 Maximum overall diameter in service, D _{O,max}		7
7 Design tyre dimensions		7
8 Tyre size combinations		8
9 Method of measurement of tyre dimensions		9
Annex A (informative) Tyre size designation		10
Bibliography		14