

RAUDTEEALASED RAKENDUSED. GABARIIDID. OSA 4:
MÄÄRATLETUD GABARIITIDE KATALOOG

Railway applications - Gauges - Part 4: Catalogue of
defined gauges

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 15273-4:2025 sisaldab Euroopa standardi EN 15273-4:2025 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 22.10.2025.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 15273-4:2025 consists of the English text of the European standard EN 15273-4:2025.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 22.10.2025.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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ICS 45.020, 45.060.01

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EUROPEAN STANDARD

EN 15273-4

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English Version

Railway applications - Gauges - Part 4: Catalogue of defined gauges

Applications ferroviaires - Gabarits - Partie 4 :
Catalogue des gabarits définis

Bahnanwendungen - Begrenzungslinien - Teil 4:
Katalog der definierten Begrenzungslinien

This European Standard was approved by CEN on 16 June 2025.

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COMITÉ EUROPÉEN DE NORMALISATION
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Contents

Page

European foreword.....	5
Introduction	6
1 Scope.....	7
2 Normative references.....	7
3 Terms and definitions	7
4 Symbols and abbreviations	7
5 Static gauges.....	7
5.1 Lower parts	7
5.1.1 Static gauge GI1.....	7
5.1.2 Static gauge GI2.....	9
5.1.3 Static gauge GEI1	10
5.1.4 Static gauge GEE10.....	11
5.1.5 Static gauge FIN1	12
5.2 Upper parts.....	14
5.2.1 Static gauge G1	14
5.2.2 Static gauge G2	16
5.2.3 Static gauge GA	17
5.2.4 Static gauge GB.....	19
5.2.5 Static gauge GC	21
5.2.6 Static gauge GB1	22
5.2.7 Static gauge GB2	23
5.2.8 Static gauge GHE16.....	25
5.2.9 Static gauge GEA16	26
5.2.10 Static gauge GEB16	27
5.2.11 Static gauge GEC16.....	29
5.2.12 Static gauge GEE10.....	30
5.2.13 Static gauge GED10.....	32
5.2.14 Static gauge FIN1	34
5.3 Gauges based on Russian state standards.....	35
6 Kinematic gauges	35
6.1 Lower parts	35
6.1.1 Kinematic gauge GI1	35
6.1.2 Kinematic gauge GI2	37
6.1.3 Kinematic gauge GI3	38
6.1.4 Kinematic gauge GEI1.....	40
6.1.5 Kinematic gauge GEI2.....	41
6.1.6 Kinematic gauge GEI3.....	42
6.1.7 Kinematic gauge GEC14	43
6.1.8 Kinematic gauge GEE10	44
6.1.9 Kinematic gauge PT1	45
6.1.10 Kinematic gauge PT2	47
6.1.11 Kinematic gauge EBV U3.....	48
6.1.12 Kinematic gauge DK1.....	49
6.2 Upper Parts.....	50

6.2.1	Kinematic gauge G1	50
6.2.2	Kinematic gauge G2	52
6.2.3	Kinematic gauge GA	53
6.2.4	Kinematic gauge GB	54
6.2.5	Kinematic gauge GC	56
6.2.6	Kinematic gauge GB1	57
6.2.7	Kinematic gauge GB2	58
6.2.8	Kinematic gauge DE1	60
6.2.9	Kinematic gauge DE2	61
6.2.10	Kinematic gauge DE3	64
6.2.11	Kinematic gauge FR3.3	65
6.2.12	Kinematic gauge BE1	67
6.2.13	Kinematic gauge BE2	69
6.2.14	Kinematic gauge BE3	70
6.2.15	Kinematic gauge BE4	71
6.2.16	Kinematic gauge NL1	72
6.2.17	Kinematic gauge NL2	73
6.2.18	Kinematic gauge EBVO1	74
6.2.19	Kinematic gauge EBVO2	75
6.2.20	Kinematic gauge EBVO3	77
6.2.21	Kinematic gauges GHE16	78
6.2.22	Kinematic gauge GEA16	79
6.2.23	Kinematic gauge GEB16	81
6.2.24	Kinematic gauge GEC16	83
6.2.25	Kinematic gauges GEE10	84
6.2.26	Kinematic gauges GED10	86
6.2.27	Kinematic gauge PTb	88
6.2.28	Kinematic gauge PTb+	89
6.2.29	Kinematic gauge PTc	91
6.2.30	Kinematic gauge DK1	92
6.2.31	Kinematic gauge GCZ3	93
7	Dynamic gauges	95
7.1	Dynamic gauge SEa	95
7.1.1	Lower part of the reference profile SEa	95
7.1.2	Upper part of the reference profile SEa	96
7.1.3	Pantograph reference profile for gauge SEa	97
7.1.4	Basic data	97
7.1.5	Calculation cases	97
7.1.6	Lateral projections	98
7.1.7	Vertical projections	98
7.2	Dynamic gauge SEc	99
7.2.1	Lower part of the reference profile SEc	99
7.2.2	Upper part of the reference profile SEc	99
7.2.3	Pantograph reference profile	100
7.2.4	Basic data	100
7.2.5	Calculation cases	100
7.2.6	Lateral projections	100
7.2.7	Vertical projections	100
7.3	Dynamic gauge NO1	100
7.3.1	Lower part of the reference profile NO1	100
7.3.2	Upper part of the reference profile NO1	101
7.3.3	Pantograph reference profile for gauge NO1	102

7.3.4	Basic data	102
7.3.5	Calculation cases	102
7.3.6	Lateral projections	103
7.3.7	Vertical projections	103
7.4	Dynamic gauge NO2.....	104
7.4.1	Lower part of the reference profile NO2.....	104
7.4.2	Upper part of the reference profile NO2.....	104
7.4.3	Pantograph reference profile	104
7.4.4	Basic data	104
7.4.5	Calculation cases	105
7.4.6	Lateral projections	105
7.4.7	Vertical projections.....	105
8	Pantograph gauges	106
8.1	Pantograph reference profile	106
8.2	Basic data	106
8.3	Lateral projections	107
9	Wheel zone	108
9.1	Reference profile.....	108
9.2	Basic data	110
10	Marshalling humps and track brakes	112
11	Contact ramp zone	113
12	Passing over link spans onto ferries	114
Annex A (informative) Combination of upper and lower parts.....		115
A.1	Static gauges.....	115
A.2	Kinematic gauges	116
A.3	Dynamic gauges	117
Bibliography.....		118

European foreword

This document (EN 15273-4:2025) has been prepared by Technical Committee CEN/TC 256 “Railway Applications”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document is one of the series EN 15273, *Railway applications — Gauges* as listed below:

- EN 15273-1:2025, *General — Common rules for rolling stock and infrastructure* gives the general explanations of gauging and defines the sharing of the space between rolling stock and infrastructure;
- EN 15273-2:2025, *Rolling stock* gives the rules for dimensioning vehicles;
- EN 15273-3:2025, *Infrastructure* gives the rules for positioning the infrastructure;
- EN 15273-4:2025, *Catalogue of defined gauges* includes a non-exhaustive list of reference profiles and parameters to be used by infrastructure and rolling stock;
- CEN/TR 15273-5:2025, *Background, explanation and worked examples*.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Introduction

The aim of this series EN 15273 is to define the rules for the calculation and verification of the dimensions of rolling stock and infrastructure from a gauging perspective.

This series EN 15273 sets out gauging processes taking into account the relative movements between rolling stock and infrastructure as well as the necessary margins or clearances.

EN 15273-4:2025 covers a catalogue of gauges and associated rules and is used in conjunction with the following parts:

- *Part 1: General — Common rules for rolling stock and infrastructure;*
- *Part 2: Rolling stock;*
- *Part 3: Infrastructure;*
- *Part 5: Background, explanation and worked examples.*

1 Scope

The gauges included in this document have been developed for application on mainline railway networks using various track gauges. Other vehicles and networks are outside the scope of this document, but the rules may be applied to them with some adjustments and agreement of the share of responsibility between rolling stock and infrastructure.

This document is a catalogue of reference profiles and their associated rules for the defined gauging process. This document is intended to be used with EN 15273-1:2025, EN 15273-2:2025 and EN 15273-3:2025.

This document is not applicable to the gauges “S” and “T” for track gauge 1 520 mm.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15273-1:2025, *Railway applications — Gauges — Part 1: General — common rules for rolling stock and infrastructure*

EN 15273-2:2025, *Railway applications — Gauges — Part 2: Rolling stock*

EN 15273-3:2025, *Railway applications — Gauges — Part 3: Infrastructure*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 15273-1:2025 apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

4 Symbols and abbreviations

For the purposes of this document, the symbols and abbreviations given in EN 15273-1:2025 apply.

5 Static gauges

5.1 Lower parts

5.1.1 Static gauge GI1

5.1.1.1 Reference profile

Figure 1 shows the static reference profile GI1.