



SLOVENSKI STANDARD
SIST EN 15734-1:2011/oprA1:2021
01-april-2021

Železniške naprave - Zavorni sistemi na vlakih z velikimi hitrostmi - 1. del: Zahteve in definicije - Dopolnilo A1

Railway applications - Braking systems of high speed trains - Part 1: Requirements and definitions

Bahnanwendungen - Bremssysteme für Hochgeschwindigkeitszüge - Teil 1: Anforderungen und Definitionen

Applications ferroviaires - Systèmes de freinage pour trains à grande vitesse - Partie 1 : Exigences et définitions

ITEH STANDARD PREVIEW
(standards.iteh.ai)
<https://standards.iteh.ai/catalog/standards/sist/70838da2-722d-4fc7-97b2-9516918514d/sist-en-15734-1:2011/oprA1:2021>

Ta slovenski standard je istoveten z: EN 15734-1:2010/prA1

ICS:

45.040 Materiali in deli za železniško Materials and components
tehniko for railway engineering

SIST EN 15734-1:2011/oprA1:2021 en,fr,de

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 15734-1:2011/oprA1:2021](https://standards.iteh.ai/catalog/standards/sist/70838da2-722d-4fc7-97b2-951691fb514d/sist-en-15734-1-2011-opra1-2021)

<https://standards.iteh.ai/catalog/standards/sist/70838da2-722d-4fc7-97b2-951691fb514d/sist-en-15734-1-2011-opra1-2021>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 15734-1:2010
prA1

January 2021

ICS 45.060.01

English Version

Railway applications - Braking systems of high speed trains - Part 1: Requirements and definitions

Applications ferroviaires - Systèmes de freinage pour trains à grande vitesse - Partie 1 : Exigences et définitions

Bahnanwendungen - Bremsysteme für Hochgeschwindigkeitszüge - Teil 1: Anforderungen und Definitionen

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 256.

This draft amendment A1, if approved, will modify the European Standard EN 15734-1:2010. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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, Turkey and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents

Page

European foreword	3
1 Modification to Foreword	4
2 Modification to Annex ZA.....	4
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of Directive (EU) 2016/797 aimed to be covered.....	5

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 15734-1:2011/oprA1:2021](https://standards.iteh.ai/catalog/standards/sist/70838da2-722d-4fc7-97b2-951691fb514d/sist-en-15734-1-2011-opra1-2021)
<https://standards.iteh.ai/catalog/standards/sist/70838da2-722d-4fc7-97b2-951691fb514d/sist-en-15734-1-2011-opra1-2021>

European foreword

This document (EN 15734-1:2010/prA1:2021) has been prepared by Technical Committee CEN/TC 256 “Railway applications”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN 15734-1:2011/oprA1:2021
https://standards.iteh.ai/catalog/standards/sist/70838da2-722d-4fc7-97b2-951691fb514d/sist-en-15734-1-2011-opra1-2021](https://standards.iteh.ai/catalog/standards/sist/70838da2-722d-4fc7-97b2-951691fb514d/sist-en-15734-1-2011-opra1-2021)

EN 15734-1:2010/prA1:2020 (E)**1 Modification to Foreword**

Replace sentences:

“This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 2008/57/EC.

For relationship with the EU Directive, see informative Annex ZA, which is an integral part of this document.”

by

“This document has been prepared under a standardization request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of Directive (EU) 2016/797.

For relationship with Directive (EU) 2016/797, see informative Annex ZA, which is an integral part of this document.”

2 Modification to Annex ZA

Replace content of Annex ZA by the following:

“

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 15734-1:2011/oprA1:2021](https://standards.iteh.ai/catalog/standards/sist/70838da2-722d-4fc7-97b2-951691fb514d/sist-en-15734-1-2011-opra1-2021)
<https://standards.iteh.ai/catalog/standards/sist/70838da2-722d-4fc7-97b2-951691fb514d/sist-en-15734-1-2011-opra1-2021>

Annex ZA (informative)

Relationship between this European Standard and the Essential Requirements of Directive (EU) 2016/797 aimed to be covered

This European Standard has been prepared under a Commission's standardization request "M/483 Mandate to CEN and CENELEC for Standardisation in the field of interoperability of the rail system" to provide one voluntary means of conforming to (parts of) Essential Requirements of Directive (EU) 2016/797 of the European Parliament and of the Council of 11 May 2016 on interoperability of the rail system (recast) as specified in the relevant technical specifications for interoperability (TSI).

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 for locomotives and passenger rolling stock confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive as specified in the technical specifications for interoperability (TSI), and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard, Commission regulation (EU) No 1302/2014 concerning the technical specification for interoperability relating to the 'rolling stock — locomotives and passenger rolling stock' subsystem of the rail system in the European Union* and Directive (EU) 2016/797

NOTE The Technical Specification for Interoperability (TSI) may refer to other clauses of this standard making the application of those clauses mandatory. Possible references to such clauses are found in the Appendix J to the TSI.

Essential Requirements of Directive (EU) 2016/797	Clauses of the Annex to the Technical Specification for Interoperability (TSI)	Clauses/subclauses of this European Standard	Comments
Section 3 of the Annex to the TSI indicates the correspondence between the TSI clauses and the Essential Requirements of Directive (EU) 2016/797	4.2.4.1 General	5.1 General requirements 6 Brake performance	
	4.2.4.2 Main functional and safety requirements	5.1.1 Safety 5.8 Emergency brake concept 5.9 Service braking 5.11 Parking brake 5.16 Power supply 6.4 Thermal requirements	The standard does not cover requirements 4.2.4.2.1(12), 4.2.4.2.2 Table 3, No 3
	4.2.4.3 Type of brake system	5.1.7 Coupling compatibility/capability 5.4.2 Control command	
	4.2.4.4 Brake command	5.3 Dynamic brakes 5.8 Emergency brake concept 5.9 Service braking 5.11 Parking brake	The standard does not cover requirements 4.2.4.4.1(4), 4.2.4.4.5.(4)