



SLOVENSKI STANDARD
SIST EN 12080:2008/kFprA1:2010
01-julij-2010

Železniške naprave - Ohišja ležajev kolesnih dvojic - Kotalni ležaji - Dopolnilo A1

Railway applications - Axleboxes - Rolling bearings

Bahnanwendungen - Radsatzlager - Wälzlager

Applications ferroviaires - Boîtes d'essieux - Roulements

Ta slovenski standard je istoveten z: EN 12080:2007/FprA1

ICS:

21.100.20	Kotalni ležaji	Rolling bearings
45.040	Materiali in deli za železniško tehniko	Materials and components for railway engineering

SIST EN 12080:2008/kFprA1:2010 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
EN 12080:2007

FprA1

May 2010

ICS 45.040; 21.100.20

English Version

Railway applications - Axleboxes - Rolling bearings

Applications ferroviaires - Boîtes d'essieux - Roulements

Bahnanwendungen - Radsatzlager - Wälzlager

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

This draft amendment A1, if approved, will modify the European Standard EN 12080:2007. 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.

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

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Foreword

This document (EN 12080:2007/FprA1:2010) 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 Unique Acceptance Procedure.

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(s).

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

EN 12080:2007/FprA1:2010 (E)

1 Modification to the Foreword

Delete the third paragraph and replace it with the following:

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

Delete the fourth paragraph and replace it with the following:

"For relationship with EU Directive 2008/57/EC, see informative Annex ZA, which is an integral part of this document."

2 Modification to Annex ZA

Replace Annex ZA with the following new one:

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Annex ZA (informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC

This European Standard has been prepared under a mandate given to CEN/CENELEC/ETSI by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the Directive 2008/57/EC¹.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in Table ZA.1 for CR Freight Wagons and Table ZA.2 for CR 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 and associated EFTA regulations.

Table ZA.1 – Correspondence between this European Standard, the CR TSI RST Freight Wagons dated July 2006, published in the OJEU on 8 December 2006 and its intermediate revision published in the OJEU on 14 February 2009 and Directive 2008/57/EC

Clause/ sub-clauses of this European Standard	Chapter/§/annexes of the TSI	Corresponding text, articles/§/annexes of the Directive 2008/57/EC	Comments
The whole standard is applicable	4.Characterisation of the subsystem 4.2 Functional and technical specifications of the subsystem 4.2.3 Vehicle track interaction and gauging §4.2.3.4.1 Vehicle dynamic behaviour, General 5 Interoperability constituents §5.3.2.1 List of constituents, Vehicle track interaction and gauging, Bogie and running gear	Annex III, Essential requirements 1 General requirements 1.1 Safety Clauses 1.1.1, 1.1.3 1.5 Technical compatibility 2 Requirements specific to each subsystem 2.3 Control-command and signalling 2.3.2 Technical	The axlebox rolling bearing is considered as a component of the Bogie and running gear Interoperability Constituent

¹ This Directive 2008/57/EC adopted on 17th June 2008 is a recast of the previous Directives 96/48/EC 'Interoperability of the trans-European high-speed rail system' and 2001/16/EC 'Interoperability of the trans-European conventional rail system' and revisions thereof by 2004/50/EC 'Corrigendum to Directive 2004/50/EC of the European Parliament and of the Council of 29 April 2004 amending Council Directive 96/48/EC on the interoperability of the trans-European high-speed rail system and Directive 2001/16/EC of the European Parliament and of the Council on the interoperability of the trans-European conventional rail system'

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	<p>§5.4.2.1 Constituents performances and specifications, Vehicle track interaction and gauging, Bogie and running gear</p> <p>6 Assessment of conformity and/or suitability for use of the constituents and verification of the subsystem</p> <p>§6.1.3.2.1 Interoperability constituents, Specification for ICS, Bogie and running gear</p> <p>Annex Y: Constituents Bogies and Running Gear</p>	<p>compatibility</p> <p>2.4 Rolling stock</p> <p>2.4.2 Reliability and availability</p> <p>2.4.3 Technical compatibility §3</p>	
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Table ZA.2 – Correspondence between this European Standard, the CR LOC and PASS RST TSI (final draft Rev 4.0 dated 24 November 2009) and Directive 2008/57/EC

Clause/ sub-clauses of this European Standard	Chapter/§/annexes of the TSI	Corresponding text, articles/§/annexes of the Directive 2008/57/EC	Comments
The whole standard is applicable	<p>4.Characterisation of the Rolling stock subsystem</p> <p>4.2 Functional and technical specifications of the subsystem.</p> <p>4.2.3 Track interaction and gauging.</p> <p>§4.2.3.3.2 Rolling stock parameters which influence ground based systems. Axle bearing condition monitoring.</p> <p>§4.2.3.5.2 Running gear, Wheelsets</p>	<p>Annex III, Essential requirements</p> <p>1 General requirements</p> <p>1.1 Safety</p> <p>Clauses 1.1.1, 1.1.3</p> <p>1.5 Technical compatibility</p> <p>2 Requirements specific to each subsystem</p> <p>2.3 Control-command and signalling</p> <p>2.3.2 Technical compatibility</p> <p>2.4 Rolling stock</p> <p>2.4.2 Reliability and availability</p> <p>2.4.3 Technical compatibility §3</p>	

WARNING — Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard."