

RAUDTEEALASED RAKENDUSED. PIDURDAMINE.  
KIIRPIDURDUSKLAPP

Railway applications - Braking - Brake pipe accelerator

## EESTI STANDARDI EESSÕNA

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See Eesti standard EVS-EN 15612:2020 sisaldab Euroopa standardi EN 15612:2020 ingliskeelset teksti.	This Estonian standard EVS-EN 15612:2020 consists of the English text of the European standard EN 15612:2020.
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English Version

## Railway applications - Braking - Brake pipe accelerator

Applications ferroviaires - Freinage - Accélérateur de  
vidange de conduite

Bahnanwendungen - Bremse -  
Schnellbremsbeschleuniger

This European Standard was approved by CEN on 13 April 2020.

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This European Standard exists 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.

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## European foreword

This document (EN 15612:2020) 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of an identical text or by endorsement, at the latest by December 2020, and conflicting national standards shall be withdrawn at the latest by December 2020.

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 supersedes EN 15612:2008+A1:2010.

The main changes compared to EN 15612:2008+A1:2010 are:

- a) the standard’s title has been modified;
- b) normative references have been updated;
- c) terms and definitions have been revised;
- d) requirements on design and manufacture have been revised;
- e) requirements on materials have been removed;
- f) requirements on type tests have been revised;
- g) requirements on routine test and inspection have been removed;
- h) requirements on documentation have been removed;
- i) requirements on identification and marking have been revised;
- j) Annex ZA has been updated.

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 2016/797/EU.

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

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, Turkey and the United Kingdom.

## 1 Scope

This document is applicable to brake pipe accelerators designed to vent the brake pipe of railway vehicles when an emergency braking is initiated, without taking the type of vehicles and track-gauge into consideration.

This document specifies the requirements for the design, manufacture and testing of brake pipe accelerators.

## 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 14478:2017, *Railway applications – Braking – Generic vocabulary*

EN 14601:2005+A1:2010, *Railway applications – Straight and angled end cocks for brake pipe and main reservoir pipe*

EN 15355:2019, *Railway applications – Braking – Distributor valves and distributor-isolating devices*

EN 45545-2:2013+A1:2015, *Railway applications – Fire protection on railway vehicles – Part 2: Requirements for fire behaviour of materials and components*

EN 50125-1:2014, *Railway applications – Environmental conditions for equipment – Part 1: Rolling stock and on-board equipment*

EN 60721-3-5:1997, *Classification of environmental conditions – Part 3: Classification of groups of environmental parameters and their severities – Section 5: Ground vehicle installations (IEC 60721-3-5:1997)*

EN 61373:2010, *Railway applications – Rolling stock equipment – Shock and vibration tests (IEC 61373:2010)*

EN ISO 228-1:2003, *Pipe threads where pressure-tight joints are not made on the threads – Part 1: Dimensions, tolerances and designation (ISO 228-1:2000)*

ISO 8573-1:2010, *Compressed air – Part 1: Contaminants and purity classes*