



BSI Standards Publication

Rotating electrical machines

Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher – Measurement, evaluation and limits of vibration severity (IEC 60034-14:2018)

National foreword

This British Standard is the UK implementation of EN IEC 60034-14:2018. It is identical to IEC 60034-14:2018. It supersedes BS EN 60034-14:2004, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PEL/2, Rotating electrical machinery.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

Rotating electrical machines - Part 14: Mechanical vibration of
certain machines with shaft heights 56 mm and higher -
Measurement, evaluation and limits of vibration severity
(IEC 60034-14:2018)

Machines électriques tournantes - Partie 14: Vibrations
mécaniques de certaines machines de hauteur d'axe
supérieure ou égale à 56 mm - Mesurage, évaluation et
limites de l'intensité vibratoire
(IEC 60034-14:2018)

Drehende elektrische Maschinen - Teil 14: Mechanische
Schwingungen von bestimmten Maschinen mit einer
Achshöhe von 56 mm und höher - Messung, Bewertung
und Grenzwerte der Schwingstärke
(IEC 60034-14:2018)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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

European foreword

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-09-21

This document supersedes EN 60034-14:2004.

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The text of the International Standard IEC 60034-14:2018 was approved by CENELEC as a European Standard without any modification.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60034-1	-	Rotating electrical machines - Part 1: Rating and performance	EN 60034-1 ¹	-
IEC 60034-7	-	Rotating electrical machines - Part 7: Classification of types of constructions and mounting arrangements (IM Code)	EN 60034-7	-
ISO 2954	-	Mechanical vibration of rotating and reciprocating machinery; Requirements for instruments for measuring vibration severity	-	-
ISO 10817-1	-	Rotating shaft vibration measuring systems - Part 1: Relative and absolute sensing of radial vibration	-	-
ISO 20816-1	-	Mechanical vibration - Measurement and evaluation of machine vibration - Part 1: General guidelines	-	-
ISO 21940-32	-	Mechanical vibration - Rotor balancing - Part 32: Shaft and fitment key convention	-	-

¹Under preparation. Stage at the time of publication: FprEN 60034-1:2017.

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