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BS EN 60034-30-1:2014



BSI Standards Publication

Rotating electrical machines

Part 30-1: Efficiency classes of line operated
AC motors (IE code)

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This British Standard is the UK implementation of EN 60034-30-1:2014. It is identical to IEC 60034-30-1:2014. It supersedes BS EN 60034-30:2009, which will be withdrawn in 10 April 2017. It partially supersedes DD CLC/TS 60034-31:2011.

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.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Date	Text affected
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English Version

**Rotating electrical machines - Part 30-1: Efficiency classes of
line operated AC motors (IE code)
(IEC 60034-30-1:2014)**

Machines électriques tournantes - Partie 30-1: Classes de rendement pour les moteurs à courant alternatif alimentés par le réseau (code IE)
(CEI 60034-30-1:2014)

Drehende elektrische Maschinen - Teil 30-1: Wirkungsgrad-Klassifizierung von netzgespeisten Drehstrommotoren (IE-Code)
(IEC 60034-30-1:2014)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

The text of document 2/1729/FDIS, future edition 1 of IEC 60034-30-1, prepared by IEC/TC 2 "Rotating machinery" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60034-30-1:2014.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2015-01-10
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-04-10

This document supersedes EN 60034-30:2009 and partially supersedes CLC/TS 60034-31:2011 (Annex A).

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

Endorsement notice

The text of the International Standard IEC 60034-30-1:2014 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60034-5	NOTE	Harmonized as EN 60034-5.
IEC 60034-12	NOTE	Harmonized as EN 60034-12.
IEC/TS 60034-31:2010	NOTE	Harmonized as CLC/TS 60034-31:2011 (not modified).

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(normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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	-
IEC 60034-2-1	-	Rotating electrical machines Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)	EN 60034-2-1	-
IEC 60034-6	-	Rotating electrical machines Part 6: Methods of cooling (IC Code)	EN 60034-6	-
IEC 60038	-	IEC standard voltages	EN 60038	-
IEC 60079-0	-	Explosive atmospheres Part 0: Equipment - General requirements	EN 60079-0	-
IEC/TS 60034-2-3	-	Rotating electrical machines Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC induction motors	-	-
IEC/TS 60034-25	-	Rotating electrical machines Part 25: Guidance for the design and performance of a.c. motors specifically designed for converter supply	CLC/TS 60034-25	-

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