

BSI Standards Publication

Household and similar electrical appliances — Test code for the determination of airborne acoustical noise

Part 2-3: Particular requirements for dishwashers



BS EN 60704-2-3:2019 BRITISH STANDARD

This is a preview of "BS EN 60704-2-3:2019". Click here to purchase the full version from the ANSI store.

National foreword

This British Standard is the UK implementation of EN 60704-2-3:2019. It is identical to IEC 60704-2-3:2017. It supersedes BS EN 60704-2-3:2002 and BS EN 60704-2-3:2019+A11:2019, which are withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CPL/59, Performance of household electrical appliances.

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

Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2022 Published by BSI Standards Limited 2022

ISBN 978 0 539 22895 3

ICS 17.140.20; 97.040.40

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 August 2019.

Amendments/corrigenda issued since publication

Date	Text affected
30 June 2022	This corrigendum renumbers BS EN 60704-2-3:2019+A11:2019 as BS FN 60704-2-3:2019

EN 60701 2 2

This is a preview of "BS EN 60704-2-3:2019". Click here to purchase the full version from the ANSI store.

EUROPÄISCHE NORM

August 2019

ICS 17.140.20; 97.040.40

Supersedes EN 60704-2-3:2002

English Version

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers

(IEC 60704-2-3:2017)

Appareils électrodomestiques et analogues - Code d'essai pour la détermination du bruit aérien - Partie 2-3: Règles particulières pour les lave-vaisselle (IEC 60704-2-3:2017) Elektrische Geräte für den Hausgebrauch und ähnliche Zwecke - Prüfvorschrift für die Bestimmung der Luftschallemission - Teil 2-3: Besondere Anforderungen für Geschirrspülmaschinen (IEC 60704-2-3:2017)

This European Standard was approved by CENELEC on 2017-05-15. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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 CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

EN 60704-2-3:2019 (E)

This is a preview of "BS EN 60704-2-3:2019". Click here to purchase the full version from the ANSI store.

European foreword

The text of document 59A/212/FDIS, future edition 3 of IEC 60704-2-3, prepared by SC 59A "Electric dishwashers" of IEC/TC 59 "Performance of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60704-2-3:2019.

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
- latest date by which the national standards conflicting with the document have to be withdrawn

This document supersedes EN 60704-2-3:2002.

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

Endorsement notice

The text of the International Standard IEC 60704-2-3:2017 was approved by CENELEC as a European Standard without any modification.

(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.

Publication IEC 60436 (mod)	<u>Year</u> 2015	<u>Title</u> Electric dishwashers for household use - Methods for measuring the performance	<u>EN/HD</u> prEN 60436	<u>Year</u> 2018
ISO 3743-1	2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for small movable sources in reverberant fields - Part 1: Comparison method for a hard-walled test room	EN ISO 3743-1	2010
ISO 3744	2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane	EN ISO 3744	2010

CONTENTS

FO	REWORD	3
INT	FRODUCTION	5
1	Scope	6
2	Normative references	7
3	Terms and definitions	7
4	Measurement methods and acoustical environment	8
5	Instrumentation	8
6	Operation and location of appliance under test	8
7	Measurement of sound pressure levels	11
8	Calculation of sound pressure and sound power levels	11
9	Information to be recorded	11
10	Information to be reported	12
Anr	nex A (normative) Standard test table	12
Tab	ble 101 – Standard deviations of sound power levels	7
Tab	ble 102 – Standard deviations for declaration and verification	7