

Fans — Dimensions (ISO 13351:2009)

ICS 23.120

National foreword

This British Standard is the UK implementation of EN ISO 13351:2009. It supersedes BS EN ISO 13351:2008 and BS ISO 6580:2005 which are withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/17, Fans.

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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Foreword

This document (EN ISO 13351:2009) has been prepared by Technical Committee ISO/TC 117 "Fans" in collaboration with Technical Committee CEN/TC 156 "Ventilation for buildings" the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by May 2010, and conflicting national standards shall be withdrawn at the latest by May 2010.

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

This document supersedes EN ISO 13351:2008.

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Endorsement notice

The text of ISO 13351:2009 has been approved by CEN as a EN ISO 13351:2009 without any modification.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 13351 was prepared by Technical Committee ISO/TC 117, *Fans*.

This second edition cancels and replaces the first edition (ISO 13351:1996), of which it constitutes a minor revision. It also incorporates the content of ISO 6580:2005, which will be withdrawn following its publication.

Introduction

This International Standard gives dimensional details of circular and rectangular flanges of fans in addition to specifying the fan size designation. For circular flanges, the values specified in ISO 6580 have been retained for light-duty fans, in parallel with those values given in Tables 3 and 4 for medium- and heavy-duty fans.

While it does not constrain the manufacturer's choice of flange details, this International Standard facilitates interchangeability, thereby helping to reduce technical barriers to trade.

Throughout this International Standard, the principal dimensions are based on the rounded values of preferred numbers given in ISO 497.