



**SLOVENSKI STANDARD
SIST EN ISO 13351:2024**

01-november-2024

Industrijski ventilatorji - Mere (ISO 13351:2024)

Fans - Dimensions (ISO 13351:2024)

Ventilatoren - Abmessungen (ISO 13351:2024)

Ventilateurs - Dimensions (ISO 13351:2024)

Ta slovenski standard je istoveten z: EN ISO 13351:2024

ICS:

23.120 Zračniki. Vetrniki. Klimatske naprave Ventilators. Fans. Air-conditioners

SIST EN ISO 13351:2024

en,fr,de

EUROPEAN STANDARD

EN ISO 13351

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2024

ICS 23.120

Supersedes EN ISO 13351:2009

English Version

Fans - Dimensions (ISO 13351:2024)

Ventilateurs - Dimensions (ISO 13351:2024)

Ventilatoren - Abmessungen (ISO 13351:2024)

This European Standard was approved by CEN on 25 August 2024.

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

CEN members are the national standards bodies of 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, Türkiye and United Kingdom.

(<https://standards.iteh.ai>)
Document Preview

[SIST EN ISO 13351:2024](https://standards.iteh.ai)<https://standards.iteh.ai/catalog/standards/sist/0d046886-ee68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024>

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

Contents	Page
European foreword.....	3

iTeh Standards
(<https://standards.itih.ai>)
Document Preview

[SIST EN ISO 13351:2024](https://standards.itih.ai/catalog/standards/sist/0d046886-ec68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024)

<https://standards.itih.ai/catalog/standards/sist/0d046886-ec68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024>

European foreword

This document (EN ISO 13351:2024) 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 March 2025, and conflicting national standards shall be withdrawn at the latest by March 2025.

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 ISO 13351:2009.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations 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, Türkiye and the United Kingdom.

(<https://standards.iteh.ai>)

Endorsement notice

The text of ISO 13351:2024 has been approved by CEN as EN ISO 13351:2024 without any modification.

[SIST EN ISO 13351:2024](https://standards.iteh.ai/catalog/standards/sist/0d046886-cc68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024)

<https://standards.iteh.ai/catalog/standards/sist/0d046886-cc68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024>



**International
Standard**

ISO 13351

Fans — Dimensions

Ventilateurs — Dimensions

**Third edition
2024-08**

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[SIST EN ISO 13351:2024](https://standards.iteh.ai/catalog/standards/sist/0d046886-ec68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024)

<https://standards.iteh.ai/catalog/standards/sist/0d046886-ec68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024>

ISO 13351:2024(en)

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[SIST EN ISO 13351:2024](https://standards.iteh.ai/catalog/standards/sist/0d046886-ec68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024)

<https://standards.iteh.ai/catalog/standards/sist/0d046886-ec68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024>

**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

ISO 13351:2024(en)**Contents**

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms, definitions and symbols	1
3.1 Terms and definitions	1
3.2 Symbols.....	3
4 Requirements	4
4.1 General.....	4
4.2 Circular flanges.....	4
4.3 Rectangular flanges.....	7
4.4 Designation of fan size.....	12
Bibliography	14

iTeh Standards
 (https://standards.iteh.ai)
 Document Preview

[SIST EN ISO 13351:2024](https://standards.iteh.ai/catalog/standards/sist/0d046886-ec68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024)

<https://standards.iteh.ai/catalog/standards/sist/0d046886-ec68-4899-9bd9-f8189f229513/sist-en-iso-13351-2024>

ISO 13351:2024(en)

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 117, *Fans*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 156, *Ventilation for buildings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 13351:2009), which has been technically revised.

The main changes are as follows:

- added to the sizes of the heavy-duty fans in [Table 3](#);
- aligned definitions and symbols to ISO 13349-1;
- clarified [Figure 3](#) for mixed flow fan.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.