

STN	Rozmery a výkony točivých elektrických strojov Časť 2: Veľkosti kostier 355 až 1 000 a veľkosti prírub 1 180 až 2 360	STN EN IEC 60072-2 35 0040
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Dimensions and output series for rotating electrical machines - Part 2: Frame numbers 355 to 1 000 and flange numbers 1 180 to 2 360

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/25

Obsahuje: EN IEC 60072-2:2025, IEC 60072-2:2025

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60072-2

October 2025

ICS 29.160.01

English Version

**Dimensions and output series for rotating electrical machines -
Part 2: Frame numbers 355 to 1 000 and flange numbers 1 180
to 2 360
(IEC 60072-2:2025)**

Dimensions et séries de puissance des machines
électriques tournantes - Partie 2 : Désignation des
carcasses entre 355 et 1 000 et des brides entre 1 180 et 2
360
(IEC 60072-2:2025)

Maße und Leistungsreihen für drehende elektrische
Maschinen - Teil 2: Baugrößen 355 bis 1000 und
Flanschgrößen 1180 bis 2360
(IEC 60072-2:2025)

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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

EN IEC 60072-2:2025 (E)**European foreword**

The text of document 2/2208/CDV, future edition 2 of IEC 60072-2, prepared by TC 2 "Rotating machinery" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60072-2:2025.

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IEC 60034-7	NOTE	Approved as EN IEC 60034-7
IEC 60072-1	NOTE	Approved as EN IEC 60072-1
ISO 128-3	NOTE	Approved as EN ISO 128-3
ISO 273	NOTE	Approved as EN 20273
ISO 286 series	NOTE	Approved as EN ISO 286 series
ISO 1101	NOTE	Approved as EN ISO 1101
ISO 2768-1	NOTE	Approved as EN 22768-1



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INTERNATIONAL STANDARD

**Dimensions and output series for rotating electrical machines -
Part 2: Frame numbers 355 to 1 000 and flange numbers 1 180 to 2 360**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**Dimensions and output series for rotating electrical machines -
Part 2: Frame numbers 355 to 1 000 and flange numbers 1 180 to 2 360**

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IEC 60072-2 has been prepared by IEC technical committee TC 2: Rotating machinery. It is an International Standard.

This second edition cancels and replaces the first edition published in 1990. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) complete revision on the basis of IEC 60072-1;
- b) additional tolerances and measurements for shafts and flanges (DIN SPEC 42955).

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The text of this International Standard is based on the following documents:

Draft	Report on voting
2/2208/CDV	2/2240/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 60072 series, published under the general title *Dimensions and Output series for rotating electrical machines*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

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1 Scope

This part of IEC 60072 covers the majority of rotating electrical machines for industrial purposes within the dimension range and output powers:

- Foot-mounted: shaft heights: 355 mm to 1 000 mm.
- Flange-mounted: pitch circle diameter of flange: 1 180 mm to 2 360 mm.

It gives tables of fixing dimensions, shaft extension dimensions and their tolerances. However, the variety of construction and the wide range of applications for the large machines with shaft heights above 315 mm have led to the establishment of a relatively large number of values for the dimension in order to cover all possible constructions. Owing to this, the present part covers a wider range than IEC 60072-1 within which range values suitable for all designs or for a more detailed standardization can be chosen.

NOTE The mounting dimensions given in this document for shaft heights 355 mm and 400 mm have been chosen from values given in IEC 60072-1.

2 Normative references

There are no normative references in this document.

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