



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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FOREWORD.....	2
1 Scope.....	4
2 Normative references	4
3 Terms and definitions	4
4 Symbols	4
4.1 Letter symbols for dimensions	4
4.2 Dimensional sketches.....	6
5 Designations of machines	7
5.1 Foot-mounted machines	7
5.2 Flange-mounted machines	7
5.3 Foot- and flange mounted machines	7
5.4 Shaft extension	7
6 Fixing dimensions.....	7
6.1 Foot-mounted machines	7
6.2 Flange-mounted machines	10
7 Shaft end dimensions and tolerances	10
8 Methods of measurement.....	11
8.1 Shaft extensions run out.....	11
8.2 Concentricity of spigot and shaft.....	12
8.3 Perpendicularity of mounting face of flange to shaft	12
9 Preferred rated output values.....	13
Bibliography	14
Figure 1 – Dimensional sketches.....	6
Figure 2 – Illustration of the measurement of shaft extensions runout	12
Figure 3 – Illustration of the measurement of concentricity.....	12
Figure 4 – Illustration of the measurement of perpendicularity.....	13
Table 1 – Dimensions H and A	8
Table 2 – Dimension H and B.....	9
Table 3 – Dimensions and tolerances for flanges with pitch circle diameters from 1 180 mm to 2 360 mm	10
Table 4 – Dimensions and tolerances for shaft ends	11

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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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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
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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.