

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Rotating electrical machines – Dimensions and output series –
Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080**

**Machines électriques tournantes – Dimensions et séries de puissances –
Partie 1: Désignation des carcasses entre 56 et 400 et des brides
entre 55 et 1080**





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CONTENTS

FOREWORD.....	4
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	6
4 Symbols	7
4.1 Letter symbols for dimensions.....	7
4.2 Dimensional sketches	9
5 Designations of machines.....	10
5.1 Frame sizes	10
5.2 Flange numbers	10
5.3 Shaft extension	10
6 Location of the terminal box.....	10
6.1 Machines with feet	10
6.2 Machines without feet	10
7 Fixing dimensions and tolerances	11
7.1 General.....	11
7.2 Foot-mounted machines.....	11
7.3 Flange-mounted machines	12
8 Shaft end dimensions and tolerances	13
8.1 Shaft end dimenions	13
8.2 Parallelism of shaft to foot face	16
8.3 Parallelism of keyway to shaft axis.....	16
8.4 Lateral displacement of keyway	16
9 Methods of measurement	16
9.1 General.....	16
9.2 Shaft extensions run-out	17
9.3 Concentricity of spigot and shaft	17
9.4 Perpendicularity of mounting face of flange to shaft	17
9.5 Parallelism of shaft to foot face	18
9.6 Parallelism of keyway to shaft axis.....	19
9.7 Lateral displacement of keyway	19
10 Preferred rated output values	19
11 Relationships between frame size, shaft extensions, rated outputs and flange numbers	21
Annex A (informative) Additional relationships for frame sizes and output ratings	24
Annex B (informative) Additional recommended letters and dimensions	25
Bibliography.....	26
Figure 1 – Dimensional sketches	9
Figure 2 – Illustration of the measurement of shaft extensions run-out.....	17
Figure 3 – Illustration of the measurement of concentricity.....	17
Figure 4 – Illustration of the measurement of perpendicularity	18
Figure 5 – Illustration of the measurement of parallelism	18
Figure 6 – Illustration of parallelism of keyway.....	19
Figure 7 – Illustration of lateral displacement of keyway	19

Table 1 – Dimensions for machines with shaft height from 56 mm to 400 mm 11

Table 2 – Dimensions and tolerances for flanges with pitch circle diameters from 55 mm to 1 080 mm 12

Table 3 – Dimensions and tolerances for shaft ends 14

Table 4 – Tolerance for parallelism shaft to foot face 16

Table 5 – Tolerance for parallelism of keyway to shaft axis 16

Table 6 – Preferred rated output values 20

Table 7 – Totally enclosed fan-cooled induction motors (IC41) with squirrel-cage rotor 21

Table 8 – Totally enclosed fan cooled induction motors (IC41) with slip ring rotor 22

Table 9 – Ventilated induction motors (IC01) with squirrel-cage rotor 23

Table 10 – Ventilated induction motors (IC01) with slip ring rotor 23

Table A.1 – Relationships between frame size and rated output for 50 Hz increased safety "eb" 24

Table B.1 – Additional frame letters and B dimensions in mm 25

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ROTATING ELECTRICAL MACHINES –
DIMENSIONS AND OUTPUT SERIES –****Part 1: Frame numbers 56 to 400 and flange
numbers 55 to 1080**

FOREWORD

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International Standard IEC 60072-1 has been prepared by IEC technical committee 2: Rotating machinery.

This seventh edition cancels and replaces the sixth edition published in 1991. This edition constitutes a technical revision.

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

- a) modification of the series title;
- b) complete revision on the basis of EN 50347;
- c) integration of the relationships between frame size, shaft extensions, rated outputs and flange numbers;
- d) additional tolerances and measurements for shafts;

- e) modification of Annex A with additional frame numbers and relationships between frame size and rated power.

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

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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.

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

Future documents in this series will carry the new general title as cited above. Titles of existing documents in this series will be updated at the time of the next edition.

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