

CONFIRMED
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Specification for

Rotating electrical machines of particular types or for particular applications —

**Part 10: General purpose induction
motors**

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Cooperating organizations

The Power Electrical Engineering Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following Government departments and industrial and scientific organizations:

- Associated Offices Technical Committee
- Association of Short Circuit Testing Authorities
- British Electrical and Allied Manufacturers' Association (BEAMA)
- British Railways Board
- British Steel Corporation*
- Department of Energy (Electricity)
- Electrical Contractors' Association
- Electrical Contractors' Association of Scotland
- Electrical Research Association*
- Electricity Supply Industry in England and Wales*
- Engineering Equipment Users' Association*
- Institution of Electrical Engineers
- Ministry of Defence*
- National Coal Board*
- Trades Union Congress

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- Association of British Generating Set Manufacturers
- Association of Consulting Engineers
- Association of Electrical Machinery Trades
- Association of Supervisory and Executive Engineers
- British Internal Combustion Engine Manufacturers' Association
- Department of the Environment (PSA)
- Engineer Surveyors' Association
- Health and Safety Executive
- Lloyd's Register of Shipping
- London Transport Executive
- Machine Tool Trades Association
- Power Generation Association (BEAMA)
- Rotating Electrical Machines Association (BEAMA)
- South of Scotland Electricity Board

This British Standard, having been prepared under the direction of the Power Electrical Engineering Standards Committee, was published under the authority of the Executive Board on 31 January 1978

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The following BSI references relate to the work on this standard:
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Foreword

This British Standard, together with BS 5000-17, supersedes BS 3979, which is withdrawn. It forms a Part of BS 5000 which, together with BS 4999, will eventually contain a comprehensive series of British Standards for rotating electrical machinery.

No technical changes have been made, but three small frames (D56, D63 and D71) have been added. The dimensions specified are in general agreement with IEC Publication 72.

Both dimensions and outputs for a.c. 3-phase motors are in accordance with CENELEC¹⁾ harmonization document HD 231 and for convenience Appendix A records earlier UK practice.

A list of the contents of BS 5000 showing all the Parts envisaged in the foreseeable future is given in the general introduction and index which will be brought up to date as new parts are published. The contents of BS 4999 are given in Part 0 of that standard.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

¹⁾ European Committee for Electrotechnical Standardization