

Specification for

Rotating electrical machines of particular types or for particular applications —

Part 50: Dimensions for oil burner motors

[IEC title: Dimensions of small power motors for definite purpose
application — Part 1: Oil burner motors]

UDC 621.313-13:621.313.17-181.4

Cooperating organizations

The Power Electrical Engineering Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following:

- 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)
- Department of Industry
- Electrical Contractors' Association
- Electrical Contractors' Association of Scotland
- Electricity Supply Industry in England and Wales*
- Energy Industries Council
- ERA Technology Ltd.*
- Institute of Purchasing and Supply
- Institution of Electrical Engineers
- Ministry of Defence*
- National Coal Board*
- National Economic Development Office
- Trades Union Congress

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

- Association of Consulting Engineers
- Association of Electrical Machinery Trades
- Association of Manufacturers Allied to the Electrical and Electronic Industry (BEAMA)
- Association of Supervisory and Executive Engineers
- Bureau of Engineer Surveyors
- Engineer Surveyors' Section of the ASTMS
- Engineering Equipment Users' Association
- Health and Safety Executive
- 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 Board of BSI and comes into effect on 30 June 1982

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

This British Standard, which has been prepared under the direction of the Power Electrical Engineering Standards Committee, forms a Part of BS 5000 which, together with BS 4999 “*General requirements for rotating electrical machines*”, will eventually contain a comprehensive series of British Standards for rotating electrical machines.

This Part of BS 5000 is identical with IEC Publication 681-1:1980 “*Dimensions of small power motors for definite purpose application. Part 1 Oil burner motors*”, published by the International Electrotechnical Commission (IEC).

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 a separate index and introduction to that standard.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker in Table II, Table III and Table IV. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Cross-references

International Standard	Corresponding British Standard
ISO/R 286-1962	BS 4500 <i>ISO limits and fits</i> Part 1:1969 <i>General, tolerances and deviations</i> (Technically equivalent)

The Technical Committee has reviewed the provisions of ISO 273, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard; BS 4186:1967 is a related British Standard.

NOTE *Textual error.* In Table II, in the subheading to the final column, “mimimum” should be read as “minimum”.

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.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

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.