

General requirements for rotating electrical machines —

Part 103: Specification for symbols

ICS 29.160.30

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PEL/2, Rotating electrical machinery, upon which the following bodies were represented:

- Association of Consulting Engineers
- Association of Electrical and Mechanical Trades
- Association of Manufacturers of Power Generating Systems
- Electrical Insulation Association
- Electricity Association
- GAMBICA Association Limited
- Institution of Incorporated Executive Engineers
- Ministry of Defence — UK Defence Standardization
- Rotating Electrical Machines Association (BEAMA Ltd.)
- Society of Operations Engineers
- UK Offshore Operators Association Limited

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Foreword

This part of BS 4999 has been prepared by Technical Committee PEL/2. Together with BS EN 50347:2001 it supersedes BS 4999-103:1987, which is withdrawn.

Symbols for dimensions of general purpose three-phase induction motors are now given in BS EN 50347. This new edition of BS 4999-103 specifies symbols for dimensions of skirt-mounted motors, pad-mounted motors, slide rails and shaft ends with two tapped holes, all of which are outside the scope of BS EN 50347.

In addition, BS 4999-141:2004 includes requirements for shaft ends and keyways, and shaft extensions with single tapped holes, for motors which are above the size range covered by BS EN 50347. Therefore, for completeness, this new edition of BS 4999-103 also specifies the relevant symbols for dimensions of shaft ends and keyways and shaft extensions with single tapped holes.

This new edition of BS 4999-103 incorporates changes necessitated by the publication of BS EN 50347. It does not represent a full review or revision of the standard, which will be undertaken in due course.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Summary of pages

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