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British Standard

General requirements for rotating electrical machines

Part 107. Specification for symbols for types of construction
and mounting arrangements

Règles générales pour les machines électriques tournantes

Partie 107. Symboles pour les formes de construction et les dispositions de montage — Spécifications

Allgemeine Anforderungen an umlaufende elektrische Maschinen

Teil 107. Kurzzeichen für Bauformen und Aufstellung der Maschinen

British Standards Institution

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National foreword

This Part of BS 4999 has been prepared under the direction of the Power Electrical Engineering Standards Committee and supersedes BS 4999 : Part 22 : 1977 which is withdrawn.

This Part has been issued to implement the decision to renumber all the Parts of BS 4999 to bring the Part numbers more into line with those of IEC Publication 34. No changes have been made to the text of BS 4999 : Part 22 : 1977.

This Part is identical with IEC Publication 34 'Rotating electrical machines' Part 7 : 1972 'Symbols for types of construction and mounting arrangements of rotating electrical machinery', published by the International Electrotechnical Commission.

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.

Wherever the word 'Recommendation' appears, referring to this standard, it should be read as 'Part of BS 4999'.

Cross-reference

International standard	Corresponding British Standard
IEC 34-6 : 1969	BS 4999 General requirements for rotating electrical machines Part 106 : 1987 Classification of methods of cooling (Technically equivalent)

The Technical Committee has reviewed the provisions of IEC 34-5 : 1981 to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. A related British Standard is BS 4999 : Part 105 : 1987 'Classification of degrees of protection provided by enclosures for rotating machinery'.

Textual errors. When adopting the text of the international standard, the textual errors listed below were discovered. They have been marked in the text and have been reported to the International Electrotechnical Commission in a proposal to amend the text of the international standard.

IEC reference	Original IEC text	Text to be substituted
Code I, clause 3, symbol B8	Mounted on the ceiling Feet to the right viewing from drive end	Ceiling mounted
Code I, clause 3, symbol B9	As B5 or B14 but without endshields and bearing at drive end	As B5 or B14 but without endshield and bearing at drive end
Code I, clause 4, symbol V9	As V3 or V19 but without flange bearing at drive end	As V3 or V19 but without flange and bearing at drive end
Code II, clause 4, first column, 15th item	IM 3015	IM 3115

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