

Specification for

A.C. motors for aircraft —

Part 1: Three-phase constant frequency squirrel-cage induction motors

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This British Standard, having been approved by the Aircraft Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council of the Institution on 17 February 1966

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The following BSI references relate to the work on this standard:
Committee reference ACE/42
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Amendments issued since publication

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Foreword

This standard has been prepared as part of a programme of work to bring the aircraft series British Standard for rotating machines up to date in relation to present-day and probable future requirements, and to experience gained in working to earlier issues of the standards.

It is intended that the standard, when completed, shall cover the whole range of a.c. motors for aircraft applications in a series of separate Parts.

Part 1 is a revision of BS G 147:1955.

Reference is made in the standard to the following British Standards:

BS 2G 100, *General requirements for electrical equipment and indicating instruments for aircraft*.

BS G 102, *General requirements for rotating electrical machines for aircraft*¹⁾.

NOTE Where metric equivalents are given, the figures in British units are to be regarded as the standard. The metric conversions are approximate. More accurate conversions should be based on the tables in BS 350, "*Conversion factors and tables*".

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 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⁾ In course of preparation.