BRITISH STANDARD

BS 3134-3: 1981
ISO 355:1977/ Addendum 2: 1980

Metric tapered roller bearings —

Part 3: Specification for dimensions of flanged cups

[ISO title: Metric tapered roller bearings — Flanged cups — Boundary dimensions]

UDC 621.822.87

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

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Association of Hydraulic Equipment Manufacturers
Association of Mining Electrical and Mechanical Engineers
British Compressed Air Society
British Electrical and Allied Manufacturers' Association (BEAMA)
British Gas Corporation
British Gear Manufacturers' Association
British Internal Combustion Engine Manufacturers' Association
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Telecommunication Engineering and Manufacturing Association (TEMA)
Water-tube Boilermakers' Association

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:

Ball and Roller Bearing Manufacturers' Association
North East Coast Institution of Engineers and Shipbuilders
Society of British Aerospace Companies Limited

This British Standard, having been prepared under the direction of the Mechanical Engineering Standards Committee, was published under the authority of the Executive Board and comes into effect on
31 March 1981

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The following BSI references relate to the work on this standard:
Committee reference MEE/30
Draft for comment 79/72452 DC

ISBN 0 580 11681 6

Amendments issued since publication

Amd. No.	Date of issue	Comments

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National foreword

Part 3 of BS 3134 has been prepared under the direction of the Mechanical Engineering Standards Committee and, as foreshadowed in the foreword to the 1979 edition of Part 1 of the standard, is identical with ISO 355:1977/Addendum 2:1980 "*Metric tapered roller bearings — Flanged cups — Boundary dimensions*" prepared by Technical Committee ISO/TC 4, Rolling bearings, of the International Organization for Standardization (ISO).

With regard to the reference to ISO 582, it should be noted that BS 3134-1, in which the series designations and boundary dimensions complying with ISO 355 for single row bearings were implemented, also includes chamfer dimensions for tapered roller bearings. It should be noted that in ISO 355/Addendum 2 reference has been made in error to ISO/R 492 which does *not* apply to tapered roller bearings. The tolerances for such bearings will be specified in the current revision of that International Standard and have already been included in BS 3134-1.

Terminology and conventions. The text of the addendum to the International Standard has been approved as suitable for publication, without deviation, as Part 3 of BS 3134. Some terminology and certain conventions are not identical with those used in British Standards; attention is especially drawn to the following.

The comma has been used throughout as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Where the words "International Standard" appear, referring to this standard, they should be read as "British Standard".

Cross-references

International Standard	Corresponding British Standard
ISO 355:1977	BS 3134 *Metric tapered roller bearings:*
	Part 1:1979 *Specification for dimensions and tolerances of single row bearings* (Technically equivalent)
ISO/R 492:1966	*Not applicable in the context of this standard, see national foreword, second paragraph.*
ISO 582:1979	BS 5988:1980 *Specification for minimum and maximum chamfer dimensions of metric series roller bearings* (Identical, but see national foreword, second paragraph)

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.

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