

BSI

1986年3月12日 午

BS 3469 : 1985
ISO 1224-1984

UDC 621.822.6 : 681.2

1996年8月20日
2000年9月27日

1997
98年7月2
97408 4

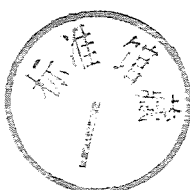
© British Standards Institution. No part of this publication may be photocopied or otherwise reproduced without the prior permission in writing of BSI

British Standard Specification for Instrument precision rolling bearings (ball bearings)

99年7月20
2002年5月13日
2004年6月3日

Roulements de précision pour instruments (roulements à billes) – Spécifications

Instrumentenwälzlager (Kugellager)



2006年6月29日

2005年7月1日

British Standards Institution



050920028292

Contents

	Page		Page
National foreword	Inside front cover	Tables	
Committees responsible	Back cover	1. Symbols	2
Specification		2. Boundary dimensions — Metric series bearings	4
1. Scope and field of application	1	3. Boundary dimensions — Inch series bearings — Dimensions in millimetres	6
2. References	1	4. Boundary dimensions — Inch series bearings — Dimensions in inches	7
3. Definitions and symbols	1	5. Tolerances (class 5A) — Inner ring	8
4. Characteristics	3	6. Tolerances (class 5A) — Outer ring	8
5. Bearing types	3	7. Tolerances (class 4A) — Inner ring	9
6. Boundary dimensions	4	8. Tolerances (class 4A) — Outer ring	9
7. Tolerances	8	9. Chamfer dimension limits — Inch series bearings — Dimensions in millimetres	10
8. Radial internal clearance	12	10. Chamfer dimension limits — Inch series bearings — Dimensions in inches	11
9. Bore and outside diameter classification	12	11. Radial internal clearance of single row radial contact groove ball bearings	12
10. Torque test conditions	12		
11. Limitations of bearing yield rates	13	Figure	
		Boundary dimension symbols	3

National foreword

This second revision of BS 3469, which has been prepared under the direction of the Machinery and Components Standards Committee, supersedes BS 3469 : 1970 which is withdrawn. It is identical with ISO 1224-1984, 'Rolling bearings — Instrument precision bearings' which was prepared by Technical Committee ISO/TC 4 Rolling bearings, of the International Organization for Standardization (ISO) and in the development of which the United Kingdom played an active part.

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 for metric dimensions. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

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

Cross-references

International Standards	Corresponding British Standards
ISO 15-1981	BS 6267 : 1982 Specification for rolling bearings : boundary dimensions for radial bearings (Identical)
ISO 582-1979	BS 5988 : 1980 Specification for minimum and maximum chamfer dimensions of metric series rolling bearings (Identical)
ISO 5593-1984	BS 6560 : 1984 Glossary of terms for rolling bearings (Identical)

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