

American National Standard

*for Rolling Element Bearings –
Aircraft Engine, Engine Gearbox,
and Accessory Applications –
Eddy Current Inspection*



American National Standards Institute
11 West 42nd Street
New York, New York
10036

American National Standard
for Rolling Element Bearings –
Aircraft Engine, Engine Gearbox,
and Accessory Applications –
Eddy Current Inspection

Secretariat

Anti-Friction Bearing Manufacturers Association, Inc.

Approved February 21, 1992

American National Standards Institute, Inc.

American National Standard

Approval of an American National Standard requires verification by ANSI that the requirements for due process, consensus, and other criteria for approval have been met by the standards developer.

Consensus is established when, in the judgment of the ANSI Board of Standards Review, substantial agreement has been reached by directly and materially affected interests. Substantial agreement means much more than a simple majority, but not necessarily unanimity. Consensus requires that all views and objections be considered, and that a concerted effort be made toward their resolution.

The use of American National Standards is completely voluntary; their existence does not in any respect preclude anyone, whether he has approved the standards or not, from manufacturing, marketing, purchasing, or using products, processes, or procedures not conforming to the standards.

The American National Standards Institute does not develop standards and will in no circumstances give an interpretation of any American National Standard. Moreover, no person shall have the right or authority to issue an interpretation of an American National Standard in the name of the American National Standards Institute. Requests for interpretations should be addressed to the secretariat or sponsor whose name appears on the title page of this standard.

CAUTION NOTICE: This American National Standard may be revised or withdrawn at any time. The procedures of the American National Standards Institute require that action be taken periodically to reaffirm, revise, or withdraw this standard. Purchasers of American National Standards may receive current information on all standards by calling or writing the American National Standards Institute.

Published by

**American National Standards Institute
11 West 42nd Street, New York, New York 10036**

Copyright © 1992 by American National Standards Institute
All rights reserved.

No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without prior written permission of the publisher.

Printed in the United States of America

APS2C592/15

Contents

	Page
Foreword	ii
1 Scope	1
2 Normative references	1
3 Definitions	1
4 Requirements	2

Foreword (This foreword is not part of American National Standard B3.1-1992.)

This American National Standard was prepared by a task force consisting of representatives of companies which manufacture rolling element bearings and aircraft, or aircraft engines, or both, in the United States. This standard is issued by the Accredited Standards Committee B3 of the American National Standards Institute as an industrial standard that is intended to be used by aircraft manufacturers, or aircraft engine manufacturers, or both, for the procurement of rolling element bearings for aircraft engine and accessory applications.

Suggestions for improvement of this standard will be welcome. They should be sent to the Anti-Friction Bearing Manufacturers Association, Inc., 1101 Connecticut Avenue, NW, Suite 700, Washington, DC 20036.

This standard was processed and approved for submittal to ANSI by the Accredited Standards Committee on Ball and Roller Bearings, B3. Committee approval of this standard does not necessarily imply that all committee members voted for its approval. At the time it approved this standard, the B3 Committee had the following members:

Gene Looft, Chairman
Robert H. Feest, Vice-Chairman
Gary T. Satterfield, Secretary

<i>Organization Represented</i>	<i>Name of Representative</i>
Anti-Friction Bearing Manufacturers Association, Inc.	Robert H. Feest Cameron Gardella P.S. Given C.A. Griffiths W.G. Looft P.S. Orvos B. Pratt S.J. Puckett
Defense Industrial Supply	Leon Silverman
Hydraulic Institute.....	R. Barry Erickson Allen P. Wherry (Alt.)
National Machine Tool Builders Association	L.E. Remillard
Society of Tribologists and Lubrication Engineers	E.E. Pfaffenberger
U.S. Department of the Navy	Adelbert J. Durig

Individual Members

W.J. Anderson
G.W. Argadine
Arthur L. Butterworth
J.C. Clark
W.J. Derner
Joseph W. Lenski, Jr.
Quoc Nguyen
William E. Poole
John E. Sague
E. Zaretsky