

ANSI/ABMA 22.2

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Std. 22.2-1988
(Revision and Redesignation
of ANSI B3-22-1976)

AMERICAN NATIONAL STANDARD AFBMA STANDARD

SPHERICAL PLAIN RADIAL BEARINGS, JOINT TYPE INCH DESIGN

Sponsor
The Anti-Friction Bearing
Manufacturers Association

Approved April 12, 1988
American National Standards Institute, Inc.

American National Standard

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Foreword

(This foreword is not a part of American National Standard for Spherical Plain Bearings, Joint Type—Inch Design, ANSI/AFBMA Standard 22.2—1988)

This standard covers inch design spherical plain bearings of types which are presently in production in the U.S.A.

Typical utilization of swaged bearings, Series 1 and 2 in this Standard, includes airframe control surfaces, involving high load, oscillation and misalignment, normally with intermittent operation. Reference: MIL-B-8942 (Bearings, Plain, TFE Lined, Self-Aligning), MIL-B-8976 (Bearings, Plain, Self-Aligning, All Metal), MIL-B-81820 (Bearings, Plain, Self-Lubricating, Self-Aligning, Low Speed), MIL-B-81936 (Bearings, Plain, Self-Aligning, BeCu Ball, CRES Race).

The typical use of fractured bearings, Series 3 in this Standard, involves slow rotation or oscillation with medium or heavy misaligned loading.

Suggestions for the improvement of this standard gained through experience with its use will be welcomed. These should be sent to the American National Standards Institute, Inc., 1430 Broadway, New York, N.Y. 10018.

The officers of Sectional Committee B3 of the American National Standards Institute and the organizations represented at the time this standard was submitted are as follows:

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SPHERICAL PLAIN RADIAL BEARINGS, JOINT TYPE

Inch Design

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