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AFBMA

ANTI-FRICTION BEARING MANUFACTURERS ASSN.
INCORPORATED

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ERRATA SHEET FOR STANDARD 15-1991

Table 1 Part 1

 $d = 52.338$ should be $d = 52.388$

Table 2 Part 1

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Table 3 Part 1

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Table 4 Part 1

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Table 5 Part 1

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**AMERICAN NATIONAL STANDARD
AFBMA STANDARD**

**BALL BEARINGS WITH SPHERICAL OUTSIDE
SURFACES AND EXTENDED INNER RING WIDTH
(INCLUDES ECCENTRIC LOCKING COLLARS)**

**Sponsor
The Anti-Friction Bearing
Manufacturers Association, Inc.**

**Approved February 1, 1991
American National Standards Institute, Inc.**

American National Standard

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FOREWORD

(This foreword is not part of ANSI/AFBMA Standard 15–1990, Ball Bearings with Spherical Outside Surfaces and Extended Inner Ring Width.)

This American National Standard specifies boundary dimensions, tolerances, and radial clearances for bearings with spherical outside surfaces and extended inner ring width and eccentric locking collars.

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, NY 10018.

This standard agrees in most dimensions with ISO Standard 9628.

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

W. G. Looft, Chairman

G. T. Satterfield, Secretary

Anti-Friction Bearing Manufacturers Association
Hydraulic Institute
National Machine Tool Builders Association
Society of Tribologists and Lubrication Engineers
U.S. Department of Defense, DISC
U.S. Department of the Navy

**AFBMA Standards
for
Ball and Roller Bearings
and Balls**

- 1 — Terminology for Anti-Friction Ball and Roller Bearings and Parts
- 4 — Tolerance Definitions and Gaging Practices for Ball and Roller Bearings
- 7 — Shaft and Housing Fits for Metric Radial Ball and Roller Bearings (Except Tapered Roller Bearings) Conforming to Basic Boundary Plans
- 8.1 — Ball and Roller Bearing Mounting Accessories, Metric Design
- 8.2 — Ball and Roller Bearing Mounting Accessories, Inch Design
- 9 — Load Ratings and Fatigue Life for Ball Bearings
- 10 — Metal Balls
- 11 — Load Ratings and Fatigue Life for Roller Bearings
- 12.1 — Instrument Ball Bearings, Metric Design
- 12.2 — Instrument Ball Bearings, Inch Design
- 13 — Rolling Bearing Vibration and Noise (Methods of Measuring)
- 14 — Housings for Bearings with Spherical Outside Surfaces
- 15 — Ball Bearings with Spherical Outside Surfaces and Extended Inner Ring Width (Includes Eccentric Locking Collars)
- 16.1 — Airframe Ball, Roller, and Needle Roller Bearings, Metric Design
- 16.2 — Airframe Ball, Roller, and Needle Roller Bearings, Inch Design
- 17 — Needle Rollers, Metric Design
- 18.1 — Needle Roller Bearings, Radial, Metric Design
- 18.2 — Needle Roller Bearings, Radial, Inch Design
- 19 — Tapered Roller Bearings, Radial, Inch Design
- 19.1 — Tapered Roller Bearings, Radial, Metric Design
- 20 — Radial Bearings of Ball, Cylinder Roller and Spherical Roller Types, Metric Design
- 21.1 — Thrust Needle Roller and Cage Assemblies and Thrust Washers, Metric Design
- 21.2 — Thrust Needle Roller and Cage Assemblies and Thrust Washers, Inch Design
- 22.1 — Spherical Plain Radial Bearings, Joint Type — Metric Design
- 22.2 — Spherical Plain Radial Bearings, Joint Type — Inch Design
- 23.2 — Thrust Bearings of Tapered Roller Type — Inch Design
- 24.1 — Thrust Bearings of Ball, Cylindrical Roller and Spherical Roller Types — Metric Design
- 24.2 — Thrust Bearings of Ball and Cylindrical Roller Types — Inch Design
- 25.2 — Rolling Bearings, Linear Motion, Recirculating Ball, Sleeve Type, Inch Series

An AFBMA Standard is intended as a guide to aid the manufacturer, the consumer, and the general public. The existence of an AFBMA Standard does not in any respect preclude anyone, whether he has approved the standard or not, from manufacturing, marketing, purchasing, or using products, processes, or procedures not conforming to the standard. AFBMA Standards are subject to revision or withdrawal at any time and users who refer to an AFBMA Standard should satisfy themselves that they have the latest information from the Association.

**BALL BEARINGS WITH SPHERICAL OUTSIDE SURFACES AND
EXTENDED INNER RING WIDTH
(INCLUDES ECCENTRIC LOCKING COLLARS)**

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