



Freedonia Focus Reports
World Collection

World Bearings

August 2016



Highlights

World Overview and Forecasts
Demand by Product | Demand by Market

Regional Segmentation and Forecasts
Regional Production Overview | Regional Demand Overview | North America
Western Europe | Asia/Pacific | Other Regions

Industry Structure
Industry Composition and Characteristics | Companies Cited

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ABOUT THIS REPORT

Scope & Method

This report forecasts total world demand in 2020 for bearings by product, market, and major world region in US dollars at the manufacturers' level. Product segments include:

- ball
- roller
- plain
- other bearings, such as mounted and combined ball/roller bearing products, and bearing parts.

Excluded from the scope of this report are flexure, fluid, magnetic, and other types of bearing products; adaptor and withdrawal sleeves; lock nuts and washers; lubricators; and retaining plates. Whenever possible, efforts were made to prevent bearing sales from being counted more than once in the numbers presented here, although it is difficult to do because of the structure of the bearings industry.

Reported markets encompass:

- motor vehicles
- machinery
- aerospace equipment
- motorcycles
- other markets such as communications and computing devices, medical equipment, and railroad equipment.

Major world regions include North America, Western Europe, Asia/Pacific, and all other regions. Demand by product and market segment is also forecast for each major world region.

To illustrate historical trends world, product, market, and regional demand (including product and market segments) are provided for 2010 and 2015. Finally, world shipments are segmented by major world region and provided for 2010, 2015, and 2020.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values

along the forecast trend, including in the forecast year.

Unless otherwise indicated, historical demand and production values are expressed in US dollars at the prevailing rate of exchange with local currencies. Forecasts to 2020, however, assume a fixed 2015 exchange rate.

Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

Sources

World Bearings (FW70019) is based on [a comprehensive industry study](#) published by The Freedonia Group in August 2016. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other industry studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
332991	Ball and Roller Bearing Manufacturing	3562	Ball and Roller Bearings
333613	Mechanical Power Transmission Equipment Manufacturing	3568	Mechanical Power Transmission Equipment, NEC

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RESOURCES

The Freedonia Group

<i>3442 World Bearings</i> , August 2016	www.freedoniagroup.com
Related Industry Studies	see study contents
<i>3408 Drones (UAVs)</i> , June 2016	see study contents
<i>3413 Industrial Fasteners</i> , May 2016	see study contents
<i>3394 Lubricants</i> , April 2016	see study contents
<i>3369 World Industrial Valves</i> , January 2016	see study contents
<i>3364 World Lubricants</i> , December 2015	see study contents
<i>3345 World Gaskets & Seals</i> , December 2015	see study contents
Related Focus Reports	
<i>Bearings: United States</i>	see report contents
<i>Fabricated Metal Products: United States</i>	see report contents
<i>Medium- & Heavy-Duty Trucks & Buses: United States</i>	see report contents
<i>Motor Vehicles: United States</i>	see report contents
<i>Power Transmission Components: United States</i>	see report contents
<i>World Lubricants</i>	see report contents
Freedonia Custom Research	see capabilities

Trade Publications

<i>Automotive News (USA)</i>	www.autonews.com
<i>Aviation Week (USA)</i>	http://aviationweek.com
<i>Bearing News (European Union)</i>	www.bearing-news.com
<i>Design News (USA)</i>	www.designnews.com
<i>Drives & Controls (UK)</i>	www.drivesncontrols.com
<i>Machine Design (USA)</i>	http://machinedesign.com
<i>Power Transmission Engineering (USA)</i>	www.powertransmission.com
<i>Power Transmission World (Italy)</i>	www.powertransmissionworld.com

Agencies & Associations

American Bearing Manufacturers Association	www.americanbearings.org
Bearing Industry Code of Conduct	http://bearingcode.com
Eurostat	http://ec.europa.eu/eurostat
International Monetary Fund	www.imf.org
International Organization for Standardization	www.iso.org
Mechanical Power Transmission Association	www.mpta.org
Organisation for Economic Co-operation and Development	www.oecd.org
World Bank	www.worldbank.org
World Bearing Association	http://stopfakebearings.com

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