

# Global and China Hybrid Ceramic Bearings Market Research by Company, Type & Application 2013-2025

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## Abstracts

### SUMMARY

The term “hybrid ceramic ball bearing” normally refers to a bearing assembly consisting of inner and outer rings of steel, with silicon nitride (Si<sub>3</sub>N<sub>4</sub>), Zirconium Dioxide (ZrO<sub>2</sub>), Silicon Carbide (SiC), etc. ceramic balls. For some applications, the properties of the bearing with ceramic balls offer functional improvements in several different areas over a conventional all-steel bearing. There is a very significant cost penalty for the hybrid ceramic design that largely limits its present-day use to certain high-end applications. However, this cost gap is expected to shrink over time with advances in ceramic ball manufacturing technology.

Market Segment as follows:

#### By Type

Si<sub>3</sub>N<sub>4</sub> Material

Non- Si<sub>3</sub>N<sub>4</sub> Material

#### By Application

Transportation

Machinery

Energy

Others

By Company

Schaeffler

NSK

SKF

JTEKT

NTN

Timken

Boca Bearing Company

Ortech Advanced Ceramics

Lily Bearing

CeramicSpeed

GMN Bearing

ZYS

The main contents of the report including:

Section 1:

Product definition, type and application, global and China market overview;

Section 2:

Global and China Market competition by company;

Section 3:

Global and China sales revenue, volume and price by type;

Section 4:

Global and China sales revenue, volume and price by application;

Section 5:

China export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;

Section 9:

Conclusion.

## Contents

### **1 MARKET OVERVIEW**

#### 1.1 Market Segment Overview

##### 1.1.1 Product Definition

##### 1.1.2 Market by Type

###### 1.1.2.1 Si<sub>3</sub>N<sub>4</sub> Material

###### 1.1.2.2 Non- Si<sub>3</sub>N<sub>4</sub> Material

##### 1.1.3 Market by Application

###### 1.1.3.1 Transportation

###### 1.1.3.2 Machinery

###### 1.1.3.3 Energy

###### 1.1.3.4 Others

#### 1.2 Global and China Market Size

##### 1.2.1 Global Overview

##### 1.2.2 China Overview

### **2 GLOBAL AND CHINA MARKET BY COMPANY**

#### 2.1 Global

##### 2.1.1 Global Sales by Company

##### 2.1.2 Global Price by Company

#### 2.2 China

##### 2.2.1 China Sales by Company

##### 2.2.2 China Price by Company

### **3 GLOBAL AND CHINA MARKET BY TYPE**

#### 3.1 Global

##### 3.1.1 Global Sales by Type

##### 3.1.2 Global Price by Type

#### 3.2 China

##### 3.2.1 China Sales by Type

##### 3.2.2 China Price by Type

### **4 GLOBAL AND CHINA MARKET BY APPLICATION**

#### 4.1 Global

- 4.1.1 Global Sales by Application
- 4.1.2 Global Price by Application
- 4.2 China
  - 4.2.1 China Sales by Application
  - 4.2.2 China Price by Application

## **5 CHINA TRADE**

- 5.1 Export
- 5.2 Import

## **6 KEY MANUFACTURERS**

- 6.1 Schaeffler
  - 6.1.1 Company Information
  - 6.1.2 Product Specifications
  - 6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.2 NSK
- 6.3 SKF
- 6.4 JTEKT
- 6.5 NTN
- 6.6 Timken
- 6.7 Boca Bearing Company
- 6.8 Ortech Advanced Ceramics
- 6.9 Lily Bearing
- 6.10 CeramicSpeed
- 6.11 GMN Bearing
- 6.12 ZYS

## **7 INDUSTRY UPSTREAM**

- 7.1 Industry Chain
- 7.2 Raw Materials

## **8 MARKET ENVIRONMENT**

- 8.1 SWOT
- 8.2 Porter's Five Forces

## 9 CONCLUSION

## List Of Tables

### LIST OF TABLES

Table Global Market Sales Revenue by Company 2013-2017  
Table Global Market Sales Revenue Share by Company 2013-2017  
Table Global Market Sales Volume by Company 2013-2017  
Table Global Market Sales Volume Share by Company 2013-2017  
Table Global Price by Company 2013-2017  
Table China Market Sales Revenue by Company 2013-2017  
Table China Market Sales Revenue Share by Company 2013-2017  
Table China Market Sales Volume by Company 2013-2017  
Table China Market Sales Volume Share by Company 2013-2017  
Table China Price by Company 2013-2017  
Table Global Market Sales Revenue by Type 2013-2017  
Table Global Market Sales Revenue Share by Type 2013-2017  
Table Global Market Sales Volume by Type 2013-2017  
Table Global Market Sales Volume Share by Type 2013-2017  
Table Global Price by Type 2013-2017  
Table China Market Sales Revenue by Type 2013-2017  
Table China Market Sales Revenue Share by Type 2013-2017  
Table China Market Sales Volume by Type 2013-2017  
Table China Market Sales Volume Share by Type 2013-2017  
Table China Price by Type 2013-2017  
Table Global Market Sales Revenue by Application 2013-2017  
Table Global Market Sales Revenue Share by Application 2013-2017  
Table Global Market Sales Volume by Application 2013-2017  
Table Global Market Sales Volume Share by Application 2013-2017  
Table Global Price by Application 2013-2017  
Table China Market Sales Revenue by Application 2013-2017  
Table China Market Sales Revenue Share by Application 2013-2017  
Table China Market Sales Volume by Application 2013-2017  
Table China Market Sales Volume Share by Application 2013-2017  
Table China Price by Application 2013-2017  
Table China Export 2013-2017 (Million USD)  
Table China Export 2013-2017 (Volume)  
Table China Import 2013-2017 (Million USD)  
Table China Import 2013-2017 (Volume)  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Schaeffler

Table Sales Revenue, Sales Volume, Price, Cost and Margin of NSK

Table Sales Revenue, Sales Volume, Price, Cost and Margin of SKF

Table Sales Revenue, Sales Volume, Price, Cost and Margin of JTEKT

Table Sales Revenue, Sales Volume, Price, Cost and Margin of NTN

Table Sales Revenue, Sales Volume, Price, Cost and Margin of Timken

Table Sales Revenue, Sales Volume, Price, Cost and Margin of Boca Bearing  
Company

Table Sales Revenue, Sales Volume, Price, Cost and Margin of Ortech Advanced  
Ceramics

Table Sales Revenue, Sales Volume, Price, Cost and Margin of Lily Bearing

Table Sales Revenue, Sales Volume, Price, Cost and Margin of CeramicSpeed

Table Sales Revenue, Sales Volume, Price, Cost and Margin of GMN Bearing

Table Sales Revenue, Sales Volume, Price, Cost and Margin of ZYS



## List Of Figures

### LIST OF FIGURES

Figure Si3N4 Material Market Size and CAGR 2013-2018 (Million USD)

Figure Si3N4 Material Market Size and CAGR 2013-2018 (Volume)

Figure Si3N4 Material Market Forecast and CAGR 2019-2025 (Million USD)

Figure Si3N4 Material Market Forecast and CAGR 2019-2025 (Volume)

Figure Non- Si3N4 Material Market Size and CAGR 2013-2018 (Million USD)

Figure Non- Si3N4 Material Market Size and CAGR 2013-2018 (Volume)

Figure Non- Si3N4 Material Market Forecast and CAGR 2019-2025 (Million USD)

Figure Non- Si3N4 Material Market Forecast and CAGR 2019-2025 (Volume)

Figure Transportation Market Size and CAGR 2013-2018 (Million USD)

Figure Transportation Market Size and CAGR 2013-2018 (Volume)

Figure Transportation Market Forecast and CAGR 2019-2025 (Million USD)

Figure Transportation Market Forecast and CAGR 2019-2025 (Volume)

Figure Machinery Market Size and CAGR 2013-2018 (Million USD)

Figure Machinery Market Size and CAGR 2013-2018 (Volume)

Figure Machinery Market Forecast and CAGR 2019-2025 (Million USD)

Figure Machinery Market Forecast and CAGR 2019-2025 (Volume)

Figure Energy Market Size and CAGR 2013-2018 (Million USD)

Figure Energy Market Size and CAGR 2013-2018 (Volume)

Figure Energy Market Forecast and CAGR 2019-2025 (Million USD)

Figure Energy Market Forecast and CAGR 2019-2025 (Volume)

Figure Others Market Size and CAGR 2013-2018 (Million USD)

Figure Others Market Size and CAGR 2013-2018 (Volume)

Figure Others Market Forecast and CAGR 2019-2025 (Million USD)

Figure Others Market Forecast and CAGR 2019-2025 (Volume)

Figure Global Hybrid Ceramic Bearings Market Size and CAGR 2013-2017 (Million USD)

Figure Global Hybrid Ceramic Bearings Market Size and CAGR 2013-2017 (Volume)

Figure Global Hybrid Ceramic Bearings Market Forecast and CAGR 2019-2025 (Million USD)

Figure Global Hybrid Ceramic Bearings Market Forecast and CAGR 2019-2025 (Volume)

Figure China Hybrid Ceramic Bearings Market Size and CAGR 2013-2017 (Million USD)

Figure China Hybrid Ceramic Bearings Market Size and CAGR 2013-2017 (Volume)

Figure China Hybrid Ceramic Bearings Market Forecast and CAGR 2019-2025 (Million USD)

USD)

Figure China Hybrid Ceramic Bearings Market Forecast and CAGR 2019-2025

(Volume)

Figure Global Market Sales Revenue Share by Company in 2017

Figure Global Market Sales Volume Share by Company in 2017

Figure China Market Sales Revenue Share by Company in 2017

Figure China Market Sales Volume Share by Company in 2017

Figure Global Market Sales Revenue Share by Type in 2017

Figure Global Market Sales Volume Share by Type in 2017

Figure China Market Sales Revenue Share by Type in 2017

Figure China Market Sales Volume Share by Type in 2017

Figure Global Market Sales Revenue Share by Application in 2017

Figure Global Market Sales Volume Share by Application in 2017

Figure China Market Sales Revenue Share by Application in 2017

Figure China Market Sales Volume Share by Application in 2017

Figure Industry Chain Overview

Figure Hybrid Ceramic Bearings SWOT List

Figure Hybrid Ceramic Bearings Porter's Five Forces

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