

ENERGY
OF MOTION

VOLOGDA
BEARING
FACTORY 2016



Keeping traditions
1971-2016

45 years

Vologda Bearing Factory



VOLOGDA BEARING FACTORY

Today's world of motion is unthinkable without bearings. The quality of bearings determines the performance and durability of the machinery using them. Bearings are installed in nearly all machines and appliances that satisfy our daily needs.

Vologda Bearing Factory is justifiably known as the industry leader.

According to ancient philosophers, "Life is most manifest in movement". Our ultimate aim is to provide movement!



SUPPLY DESTINATIONS ● VBF



RUSSIA
 USA
 CANADA
 MEXICO
 BRAZIL
 ARGENTINA
 REPUBLIC of SOUTH AFRICA
 ALGER
 LIBYA
 EGYPT
 SPAIN
 ITALY
 FRANCE
 UKNORWAY
 SWEDEN
 FINLAND
 NETHERLANDS
 GERMANY
 CZECH REPUBLIC
 SERBIA
 HUNGARY
 POLAND
 LITHUANIA
 LATVIA
 ESTONIA
 BELARUS
 UKRAINE
 ROMANIA
 MOLDOVA
 BULGARIA
 TURKEY
 ARMENIA
 AZERBAIJAN
 SYRIA
 IRAN
 PAKISTAN
 TURKMENISTAN
 UZBEKISTAN
 KAZAKHSTAN
 CHINA
 INDIA
 JAPAN.

THE LARGEST CONSUMERS IN AUTOMOTIVE INDUSTRY



THE LARGEST CONSUMERS IN PETROCHEMICAL INDUSTRY



БАШНЕФТЬ



РОСНЕФТЬ



ЕВРОХИМ
МИНЕРАЛЬНО-ХИМИЧЕСКАЯ КОМПАНИЯ



THE LARGEST CONSUMERS IN METALLURGY

EVRAZ GROUP



ОТКРЫТОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО
МАГНИТОГОРСКИЙ
МЕТАЛЛУРГИЧЕСКИЙ
КОМБИНАТ



Ч Т П З



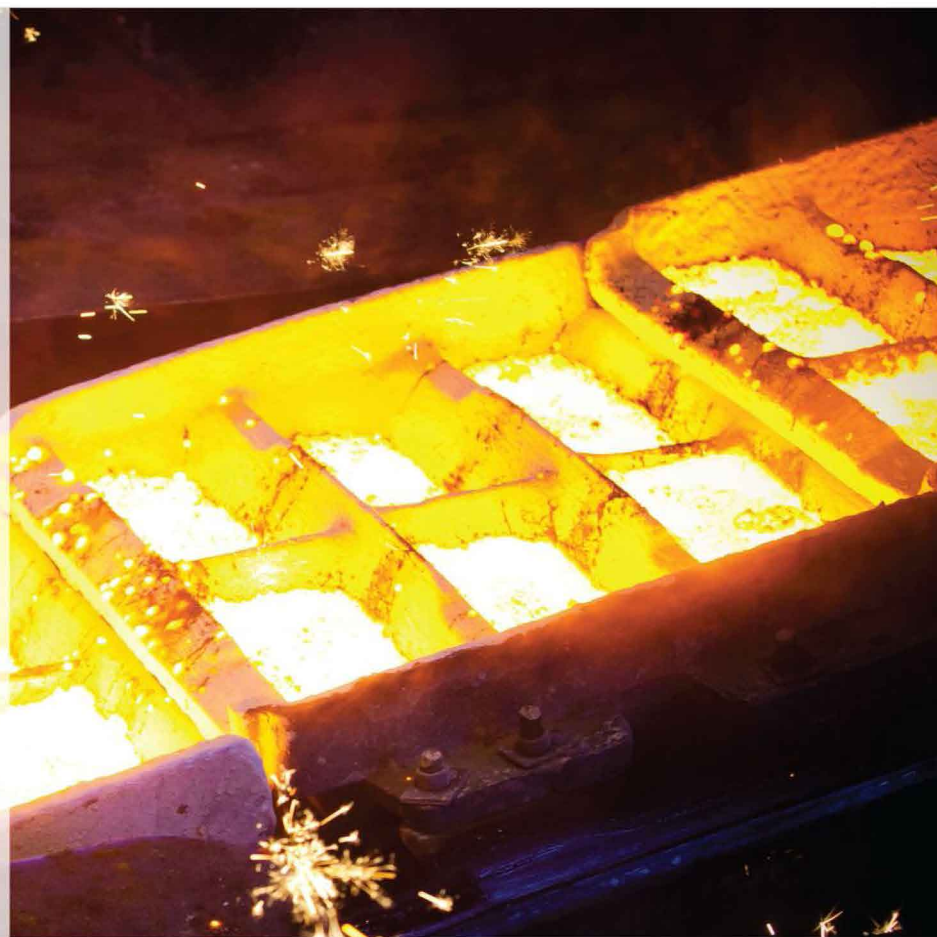
МЕТАЛЛОИНВЕСТ



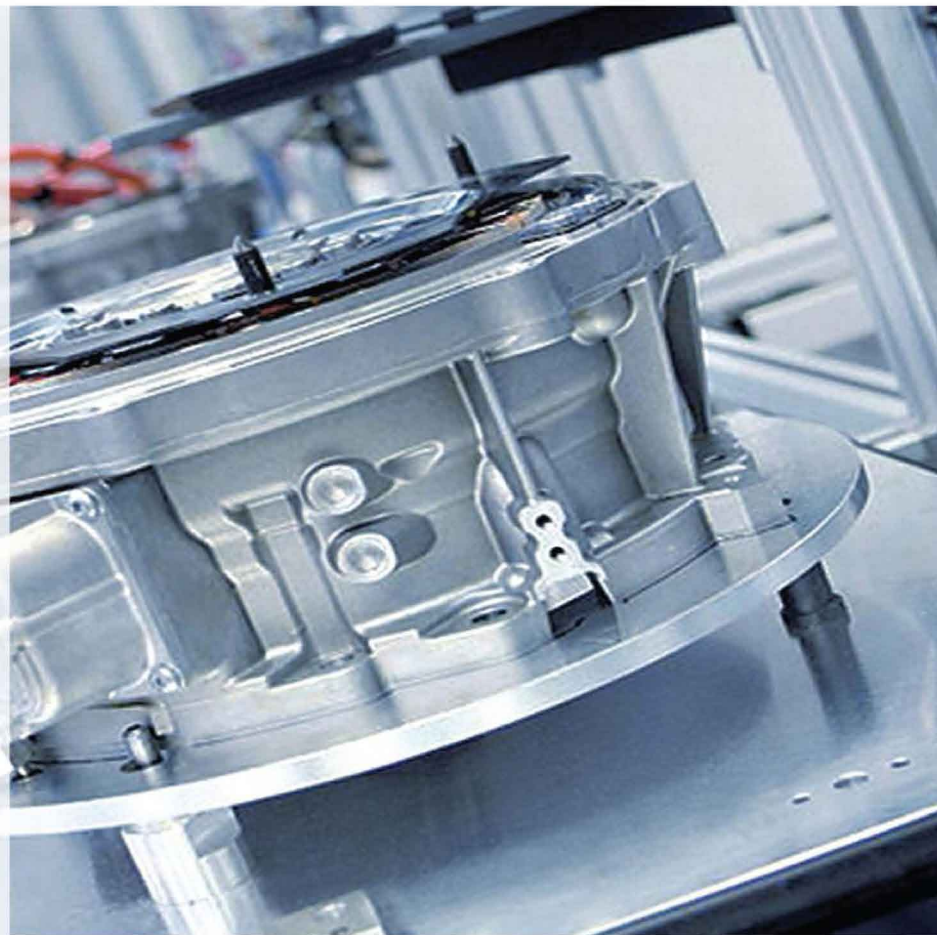
SMR



ArcelorMittal



THE LARGEST CONSUMERS IN ELECTRICAL ENGINEERING



THE USE OF THE BEARINGS VBF



AUTOMOTIVE INDUSTRY

MACHINE-TOOL BUILDING

ELECTRICAL ENGINEERING

AIRCRAFT

RAILROAD ROLLING STOCK

AGRICULTURE MACHINERY

METALLURGY

PETROCHEMICAL INDUSTRY

MINING

DEFENCE

PULP AND PAPER INDUSTRY

THE USE OF THE BEARINGS VBF



1. AUTOMOTIVE INDUSTRY

Clutch Gear
Shaft and Suspension
Bearings
Water Pumps
Steering Mechanisms
Tightening Devices
Hubs
Fans
Generators
Motors
Gear Boxes
Transmission Boxes
Transfer Gear Boxes
Electrical Equipment
Gas Distribution Mechanisms
Drive Gear

2. MACHINE-TOOL BUILDING

Motors
Reduction Units
Spindles
Transmission
Mechanisms
Load-carrying Units

3. ELECTRICAL ENGINEERING

Fans
Generators
Electric Motors

4. AIRCRAFT

Electrical Machines
Aircraft Equipment
Units

5. RAILROAD ROLLING STOCK

Axle Boxes

6. AGRICULTURE MACHINERY

Shaft Bearings
of Agricultural
Machinery Units

7. METALLURGY

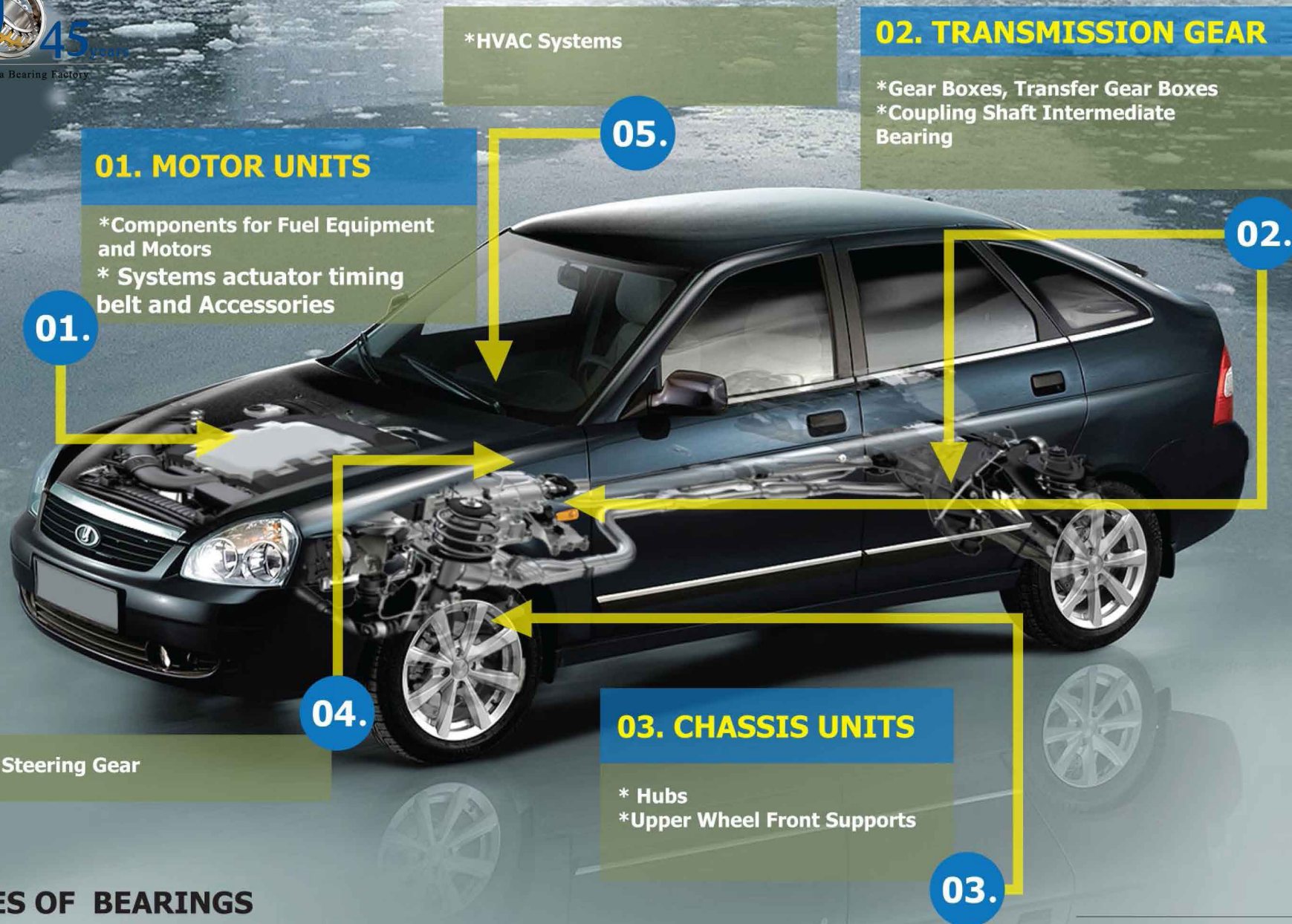
Rolling Mill
Shaft Bearings

8. PETROCHEMICAL INDUSTRY

Pumps

9. MINING

Conveyor Bearings



AUTOMOTIVE INDUSTRY
54 %

ELECTRICAL ENGINEERING
4,9 %

MACHINE-TOOL BUILDING
20,6 %

OTHERS
2 %

METALLURGY
5 %

**BEARINGS SALES
BY INDUSTRY**

REGIONAL DEALERS
12 %

**PETROCHEMICAL
INDUSTRY**
1,5 %



SHARE OF OUR OUTPUT

Every fourth bearing
is produced
by Vologda
Bearing Factory

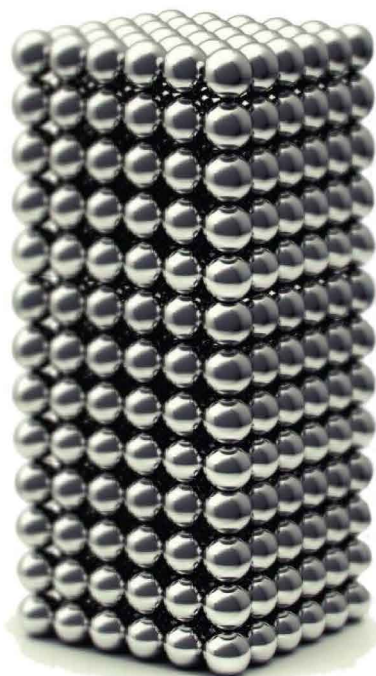


INVESTMENT



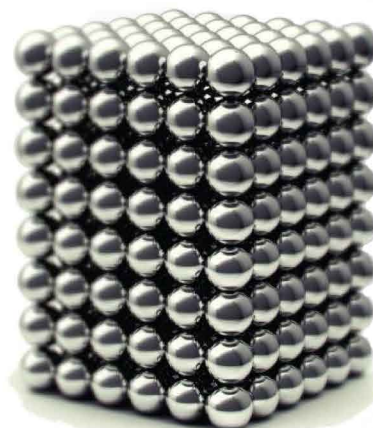
Forecast for
2016-2017 **6,10 mln. \$**

4.11 mln. \$



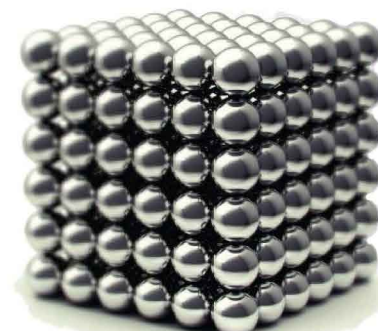
2013

3,83 mln. \$



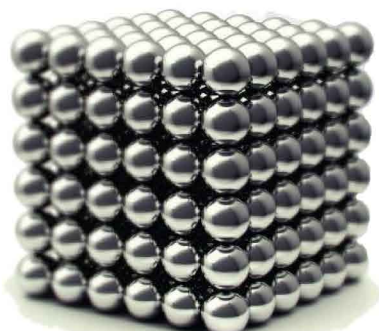
2014

2.56 mln. \$



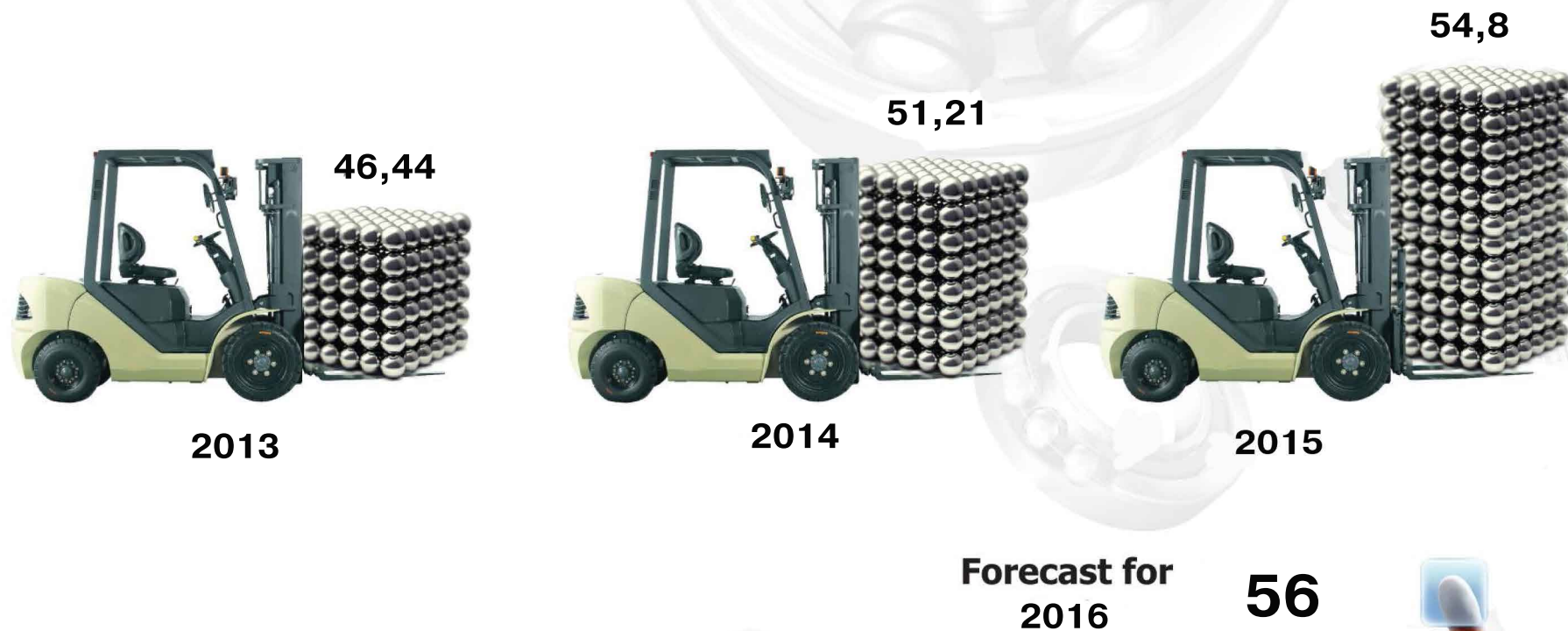
2015

2,68 mln. \$



2012

RUSSIAN MARKET SHARE OF VBF PRODUCTION IN VOLUME, %



RUSSIAN MARKET SHARE OF VBF OUTPUT IN MONETARY TERMS, %

Forecast for
2016 **35.5**



2013



31.02

2014



32.19

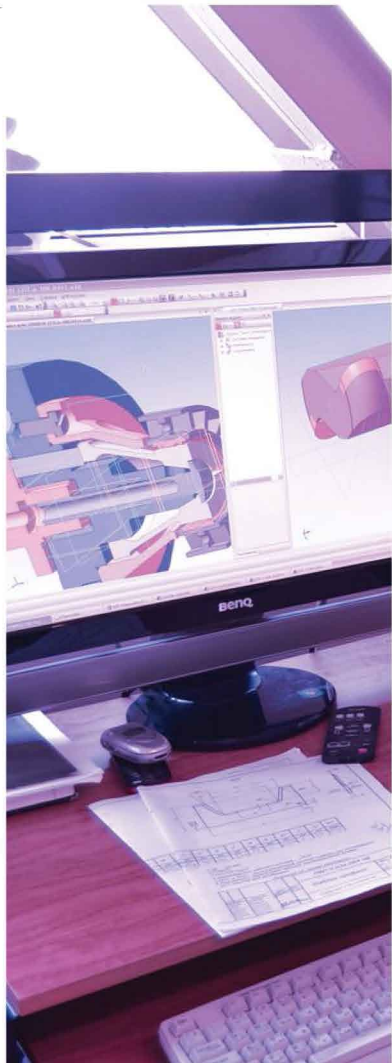
2015



34.03



PRODUCTION PROCESS



1. Research and development to meet up-to-date requirements

2. Fabrication of equipment and tools using up-to-date machinery

3. Quality assurance of all materials used in bearings

PRODUCTION PROCESS



**4. Fabrication of components.
Complete bearing production cycle**

5. Quality assurance of fabrication of components and items

6. Finished products preservation and storage



VOLOGDA BEARING FACTORY



Vologda Bearing Factory is the biggest employer in Vologda city.

The Factory was founded in 1967.

1971 – The first bearing is rolled out. 1995 – ISO 9001 Certification

2002 – ISO/TS 16949 Certification. 2012 – ASES Quality Management System approves our compliance with the RENAULT-NISSAN standard.

The decades-long history of CJSC VBF has assured that it is now the quality benchmark for bearing producers in Russia.



CERTIFICATES

Certificate of Compliance of the company Quality Management System to the requirements of **ISO9001:2008**, issued by United Registrar of URS Certification Systems, certificate number 35133/AA/0001/SM/En, valid by 20.04.2018.

Certificate of Quality Management Conformity to **ISO 9001:2008**, is issued by Russian Register Certification Association, certificate number 15.0516.026, valid by 11.05.2018.

Certificate of Quality Management System Conformity to **GOST ISO 9001:2011** issued by Russian Register Certification Association, certificate number 15.0525.026, valid by 11.05.2018.

Certificate of Quality Management System Conformity to **ISO/TS 16949:2009**, issued by United Registrar of URS Certification Systems, certificate number 35133/A/0001/SM/En, valid by 20.04.2018.

Certificate of Quality Management System Conformity to **GOST R ISO /TS 16949-2009** issued by Russian Register Certification Association, certificate number 15.0524.026, valid by 11.05.2018.

The Environmental Management System of the Company conforms to the requirements of **ISO 14001:2004**. Certificate of Conformity is issued by Russian Register Certification Association, certificate number 15.0522.026 valid by 22.05.2018.

The Occupational Health and Safety Management System of the Company conforms to the requirements of **OHSAS 18001: 2007**. Certificate of Conformity is issued by Russian Register Certification Association, certificate number 15.0523.026, valid by 11.05.2018.



SOCIAL RESPONSIBILITY



CJSC VBF is implementing the program of sustainable use of materials and energy resources. The innovative technical and organizational measures enable the company to reduce consumption of heat and electricity. New equipment is being purchased to meet the international quality assurance standards. Heat effectiveness is ensured by its use in recycling and incineration of waste. Raw materials are being used more effectively thanks to reworking of metal scrap, recovery and preparation of industrial waste for further use in our own technological processes and elsewhere. The treatment facilities of the company help to purify industrial waste water and storm sewage until the established parameters are reached to enable the use part of the purified sewage in technological processes. The unutilized wastes undergo thermal treatment at the incinerator which meets all environmental criteria.

NEW PROSPECTS

We live in an ever changing world!

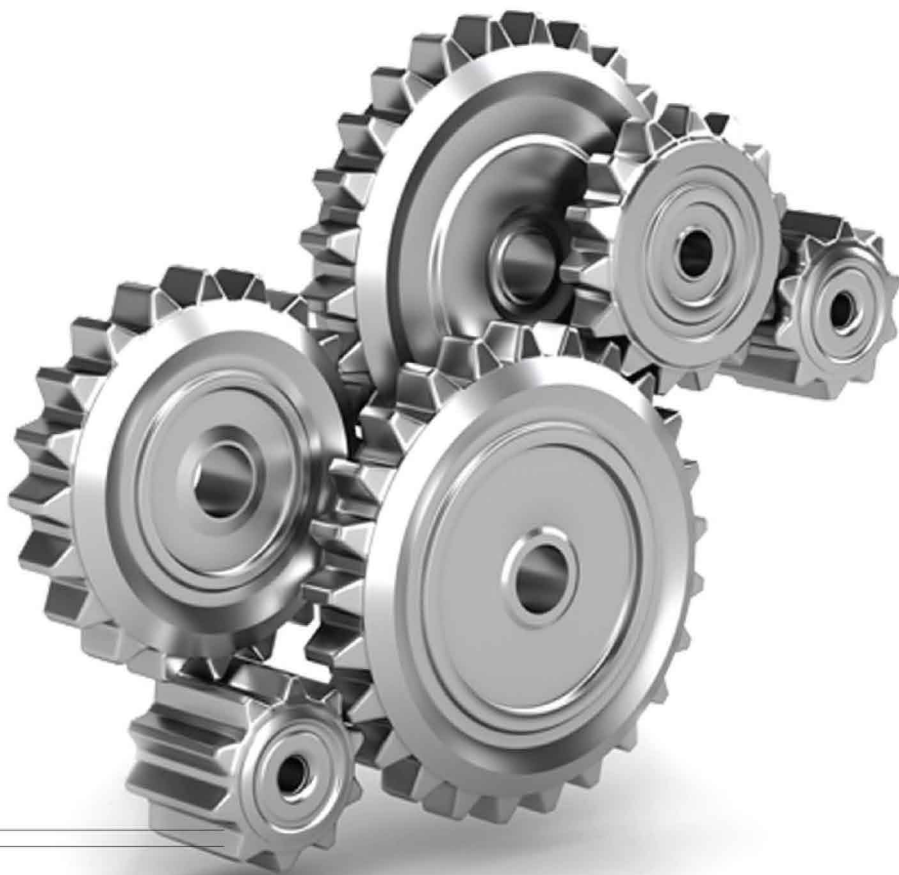
Every day brings more innovative and sophisticated appliances.

The technical potential of Vologda Bearing Factory allows us to make unique models of bearings for all kinds of existing and newly developed devices in any industry. About 150 new types of bearings are put into production at the company.



RETOOLING

The quality of the products, introduction of new product lines and their conformance to the international standards are ensured by continuous retooling of the plant.



/// THREE PILLARS OF OUR SUCCESS

QUALITY /

INNOVATION /

COMPLIANCE /



THANK YOU



Keeping traditions
1971-2016

45 years

Vologda Bearing Factory

