



KINEX BEARINGS

COMPANY PROFILE



ABOUT US

MORE THAN 100 YEARS EXPERIENCES
IN ENGINEERING AND BEARINGS PRODUCTION



BRIEF INTRODUCTION

RELIABLE PARTNER IN CREATION
OF NEW MOTION SOLUTIONS

KINEX BEARINGS belongs with its portfolio among important global suppliers of standard and special rolling bearings aimed for beddings in various industrial applications. The main task and goal is to ensure supplies of complete bearings assortment manufactured in individual plants, to develop cooperation with customers and to provide them services in accordance with their requirements. In order to achieve a maximum satisfaction of the customers and to react flexibly to market requirements, the KINEX BEARINGS integrates R&D, engineering, manufacturing and commercial activities. Nearly entire production is directed via trading company KINEX BEARINGS, a.s. to foreign markets.



FROM IDEAS, THROUGH INNOVATIONS, TO PERFECTION...

- › World's No.1 supplier of special bearings for textile industry
- › European leader in cylindrical roller bearings for railway vehicles
- › Important supplier of rolling bearings for aerospace industry
- › One of the world's suppliers of special bearings for water pumps for automotive
- › Stable partner for customers all around the world



HISTORICAL MILESTONES

- 1906 KINEX, a.s.**
- foundation of the plant in Bytca, beginning of the engineering production „Povazsky zelezopriemysel“
- 1948 KINEX - KLF, a.s.**
- foundation of the plant in Kysucke Nove Mesto
- 1950 Production of balls and ball bearings**
- the first produced bearing in Slovakia was 6204 type
- 1953 Production of rollers and cylindrical roller bearings**
- single-row cylindrical roller bearings
- 1959 Production of railway bearings**
- single-row cylindrical roller bearings for railway vehicles
- 1964 Production of aerospace bearings**
- for various aerospace industry applications
- 1968 Production of textile industry bearings**
- special double-row ball bearings
- 1978 Production of water pump bearings**
- special double-row bearings
- 1987 Production of bottom bracket bearings**
- special double-row bearings
- 2005 KINEX BEARINGS, a.s.**
- foundation of a trading company
- 2009 New production area for aerospace bearings in Bytca plant**
- 2013 KINEX Trading (Shanghai) Co., Ltd**
- foundation of a subsidiary in China
- 2016 Merger of companies**
- KINEX BEARINGS, a.s., KINEX - KLF, a.s. and KINEX, a.s. merge into KINEX BEARINGS, a.s.
- 2016 Production of engineering components**
- foundation of Machinery division
- 2018 LLC "KINEX - RUS"**
- foundation of a joint venture in Russia

QUALITY OF BEARINGS

The focus on clients, with the aim of fulfilling their requirements and expectations, is one of the basic foundations of the company's strategy. The implementation of a certified quality management system in all the KINEX BEARINGS companies is an efficient tool for the correct identification of requirements and expectations from clients as well as for monitoring and increasing their satisfaction.

QUALITY CERTIFICATES

- // ISO 9001
- // IATF 16949
- // AS 9100
- // ISO/TS 22163
- // ISO 14001
- // OHSAS 18001
- // Nadcap AC7102
- // Nadcap AC7108
- // Nadcap AC7114
- // GOST-R
- // DIN EN ISO 3834-2
- // EN 1090-1
- // EN 1090-2



RAILWAY BEARINGS

The beginning of production of single row cylindrical roller bearings for railway axleboxes dates back to 1959. Production of rolling bearings for railway vehicles is provided in accordance with requirements of European Standard EN 12080.

Single row cylindrical roller bearings used in railway industry have been tested according to European Standard EN 12080 or UIC 515-5.

KINEX BEARINGS belongs to leaders concerning deliveries of axle cylindrical roller bearings for railway industry in Europe.

Development and manufacturing of bearings has established and maintains a quality management system according international railway industry standard (ISO/TS 22163-IRIS). The bearings have acquired several approvals for use to various markets.



APPLICATION OF BEARINGS

- axle seatings of freight wagons, passenger coaches, electric and diesel locomotives, diesel and electric motor train sets
- transmissions
- traction motors and generators
- compressor's motors, fans motors
- drive of blowers
- exciters and charging dynamos of electric and diesel locomotives



AUTOMOTIVE BEARINGS

KINEX BEARINGS specializes in the production of water pump bearings of combustion engines for the automotive industry.

The rolling bearings are assigned for OEM customers and reparation in passenger cars, trucks and tractors.

KINEX BEARINGS success is based on the superior quality of the products and production process, great innovative force and its ability to react quickly to customers special requirements.

The innovative force is based on employees experiences, knowledge and cooperation with universities. Method such as virtual simulation, production prototypes for functional test and own testing capacities reduce development times and ensure the highest possible quality products.



APPLICATION OF BEARINGS

- › in passenger cars, trucks and tractors
- › arrangement of the shaft gearboxes
- › gearboxes
- › water pumps
- › transmissions
- › final drives
- › engines
- › accesories

TEXTILE BEARINGS

The development of special bearings for textile industry hangs together with a solutions of arrangements of the most important parts in the textile machines but also for measuring instruments.

Special double row ball bearing for textile machines are designed for high rotational speed and relatively light load. They are known for their high dimensional accuracy and smooth run warranting their high effectiveness.

These bearings are supplied according to demand of the customers complemented with some other component, e.g. resilient mounting serials. In some cases there are complete integrated bearing units which make from the technological and economical point of view possible the more effective production of textile machines.



APPLICATION OF BEARINGS

- in non spindle spinning machines
- by housing a bearing of spinning chamber and of an opening roller bearings
- press pulley bearings
- in arrangements of textile spindles
- in texturing machines



AEROSPACE BEARINGS AND BEARINGS FOR SPECIAL ENGINEERING

Major task of aerospace KINEX BEARINGS is offer complex solution in special bearings delivery and provide service for customers in aerospace industry area.

Aerospace KINEX BEARINGS is integrated base for R&D, technical, consulting, producing, business and service activities.

Engineering solutions for aerospace industry

KINEX BEARINGS has classified among distinguished suppliers for aerospace industry by certification in compliance with international standard AS 9100 and NADCAP.

Together KINEX BEARINGS provides complex services in special processes for aerospace industry area by special inspection equipments – Heat Treatment, MPI, FPI, Eddy Current and Temper Etch.



APPLICATION OF BEARINGS

- starter generator units
- turbojet and turboprop engines
- housing for drives
- arrangement of the main rotors
- rotary parts of reduces
- auxiliary power units
- air conditioning systems
- hydraulic and fuel pumps





BEARINGS FOR OTHERS INDUSTRIAL APPLICATIONS



KINEX BEARINGS, a.s. supplies rolling bearings, necessary accessories and services to original equipment customers in machinery and plant constructions as well as to customers in the distribution and spare parts business.

In addition to the standardized types of rolling bearings in the basic and modified version, KINEX BEARINGS offers series of special rolling bearings, which are designed for arrangements of machines, instruments and equipments of the various industrial fields.

APPLICATION OF BEARINGS

- › engineering industry
- › agriculture industry
- › mining industry
- › paper industry
- › power industry
- › food - processing industry



MACHINERY

Machinery division handles the production of components for machines and technological units as well as the production of tools and machines.

On top of classic air furnaces for Heat Treatment we also have at our disposal technologies for Heat Treatment in protective atmosphere, in which we realize the heat treatment of special materials used mainly in the aerospace industry.

TECHNOLOGY

- › grinding
- › turning
- › boring
- › milling
- › shielded arc welding
- › pressing
- › spark machining
- › spark cutting
- › blacking (chemical)
- › CNC machining

We offer complete in-house services in the area of special processes certified by NADCAP.

The portfolio of Machinery division also includes service and repair of machinery as well as repair/refurbishment and sharpening of special tools.





YOUR PARTNER FOR INDUSTRY



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