

Bearing Products

Roller Bearings
Sphericals
Rod Ends
Journals
Track Rollers
Cam Followers
Airframe Control
Thin Sections
Ball Screws
Cargo Rollers
Specials
Integrated Assemblies

Applications

Airframes
Engines
Helicopters
Landing Gear
Actuation Systems
Satellites
Missiles
Cargo Handling



The Broadest Range of Bearing Products in the World

Being able to get what you need, when you need it, is a real advantage, but it's not the only reason global aerospace leaders choose RBC Aerospace Bearings.

We deliver experience, precision engineering, and superior performance with every bearing we make.

Boeing, Lockheed, Airbus, and NASA use RBC Aerospace Bearings to meet their critical demands. So does virtually every other major aerospace manufacturer in the world.

From quick shipping of stock items to complete custom engineered solutions, RBC delivers a choice.

RBC Aerospace Bearing Products

Innovation. Commitment. Quality.

RBC Bearings Incorporated (RBC Bearings, RBC) has been producing bearings in the USA since 1919. RBC offers a full line of aerospace bearings, including unique custom configurations.



Spherical Bearings

- MS approved to AS81820 (formerly MIL-B-81820)
- Boeing and Airbus approved
- Self-lubricating • Metal-to-Metal
- Slot loaders • High temperature
- Low coefficient of friction
- Special configurations and materials



Thin Section Ball Bearings

- Standard cross sections to one inch
- Stainless steel and other materials are available • Sizes to 40 inches
- Seals available on all sizes and standard cross sections
- Super duplex configurations



Journal Bearings

- MS approved to AS81934 (formerly MIL-B-81934)
- Boeing and Airbus approved
- Plain and flanged • Self-lubricating
- High temperature • High loads
- Available in inch and metric sizes



Airframe Control Ball Bearings

- MS approved to AS7949 (formerly MIL-B-7949)
- Boeing and Airbus approved
- Single and double row
- Radial, self-aligning, and pulley series
- 52100 cad plated and 440C stainless



Ball Bearing Rod Ends

- MS approved to AS6039 (formerly MIL-B-6039) • Boeing approved
- Various shank configurations
- Low coefficient of friction
- Advanced AeroCres® materials available



Ball Screws

- Precision ground, rolled, ball splines
- Long life, low wear, high accuracy
- Highly engineered aerospace systems
- Range from .1875" to 8" diameter, 64 ft. long



Rod End Bearings

- MS approved to AS81935 (formerly MIL-B-81935)
- Boeing and Airbus approved
- Self-lubricating • Metal-to-Metal
- Slot loaders • High temperature
- Low coefficient of friction
- Special configurations and materials



Cargo Roller Bearings

- Boeing approved
- Features precision ground, semiground, and unground ball bearings
- Offered in caged and full complement configurations



Track Rollers

- MS approved to AS39901 (formerly MIL-B-3990)
- Boeing and Airbus approved
- ATF single row and ATL double row
- Sealed with lube holes and grooves
- Heavy duty cross sections
- Advanced AeroCres® materials available



Cam Followers

- MS approved to AS39901 (formerly MIL-B-3990)
- Advanced AeroCres® materials available
- Maximum corrosion resistance
- Superior lubricants and seals to reduce maintenance



Load Slot Bearings

- Spherical and rod end designs
- Superior ball-to-race conformity
- Reduced maintenance cost
- Variety of race materials available



Specials

- Many specialty bearings custom designed and configured for diverse aerospace applications
- Capability for advanced aerospace specialty corrosion resistant and high temperature materials

RBC Aerospace Applications

The Broadest Range of Bearing Products in the World



USA

Aircraft Products, Inc. Torrington, CT

Heim® Bearings Fairfield, CT

Industrial Tectonics Bearings Rancho Dominguez, CA

RBC Division West Trenton, NJ

Southwest Products Inc. Duarte, CA

Transport Dynamics Santa Ana, CA

Europe

Schaublin S.A. Delémont, Switzerland



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Industrial Tectonics Bearings
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Southwest Products Inc.
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RBC Aerospace Applications

