

RBC Aerospace Bearings

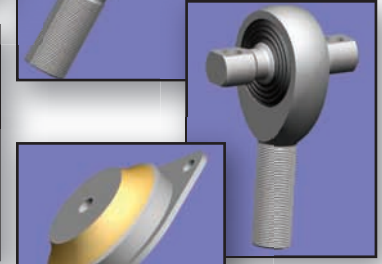
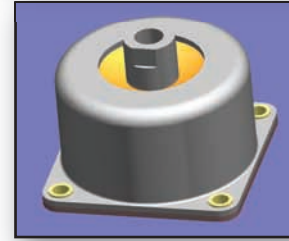
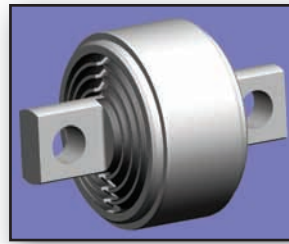
Elastomeric Bearings

Introducing RBC Elastomeric Bearings

- High performance elastomeric bearings for motion accommodation and vibration/noise reduction.
- Formulated from natural and advanced technology synthetic materials to achieve the longest life in the most demanding applications.

Typical Uses

- Aircraft – Cabin stowage bin supports, ceiling and floor supports, galley supports, avionics/instrument mounts, engine mounts
- Helicopters – Pitch link pitch change, damper bearings, and avionics/instrument mounts
- Submarines – Vibration and noise control support bearings and mounts
- Rail – Suspension/truck bearings
- Heavy/Military Vehicles – Shock/suspension bearings, cab mounts, engine mounts



Typical RBC Elastomeric Bearings.

Special Features

- Advanced custom blended formulations tailored to the specific application
- Completely sealed bearing — no sliding surfaces
- Superior resistance to harsh environments (sand, mud, water, etc.)



High speed train image courtesy of Moroccansands.com.



F35 Joint Strike Fighter image courtesy of the Joint Strike Fighter Program Office.



Submarine image courtesy of Veritasnews.com.

RBC Aerospace Bearing Products

Innovation. Commitment. Quality.

RBC Bearings 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
- Loader slots
- 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



Rod End Bearings

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



Cargo Roller Bearings

- Boeing approved
- Features precision ground, semi-ground, 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
- Boeing approved



Specials

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



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www.rbcbearings.com

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