

# RBC Aerospace Bearings

## Elastomeric Bearings

### Noise & Vibration Solutions for Aircraft Interiors

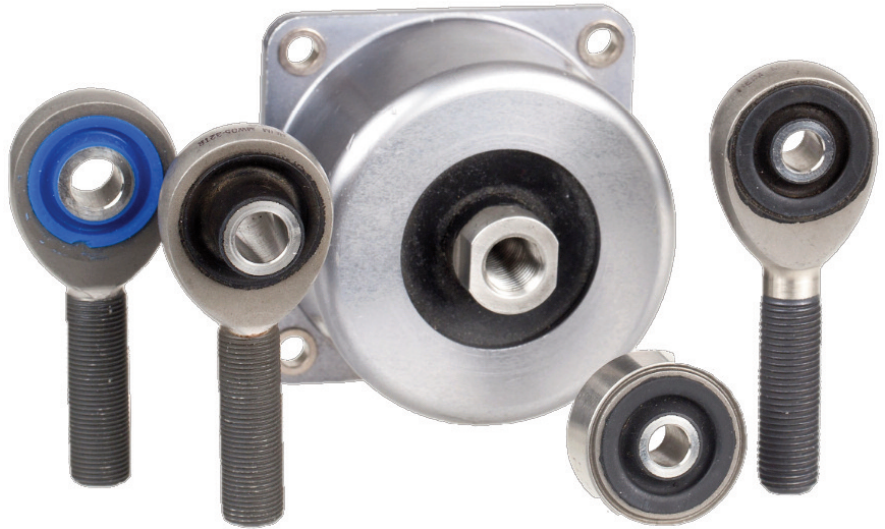
RBC Bearings offers a wide variety of high performance elastomeric bearings for motion accommodation and vibration & noise attenuation.

#### Typical Uses

Airframe designers and manufacturers constantly battle application issues caused by structural-borne noise and vibration. RBC has the elastomeric bearing expertise and technology to address these complex issues. By merging RBC's industry leading bearing technology with formulations of natural rubber and advanced synthetic materials, RBC's elastomeric bearing offering has a solution to address any load, misalignment, weight, vibration, and noise issue.

RBC Engineering can customize an elastomer blend to meet the most challenging stiffness, misalignment, and articulation requirements. Designs are available with corrosion-resistant steel (CRES), titanium, aluminum, and engineered thermoplastic polymers.

RBC's elastomeric technology can compliment your existing RBC product portfolio with an even greater selection. Finally, there is a full line bearing manufacturer delivering elastomeric bearings to the Aerospace industry.



#### Approvals and Product Types

- BACB10HW
- BACC36
- Heim Rod Ends
- Cartridges
- Bushings
- Shock Mounts
- Brackets
- Rods

#### Applications

- Overhead bins
- Crew rest
- Galleys
- Structures
- Sidewall panels
- Avionics racks/trays
- Ceiling and floor panels
- Electronics



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**(866.722.2376)**

**[www.rbcbearings.com](http://www.rbcbearings.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



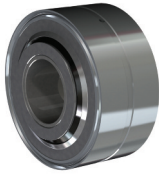
## Thin Section Ball Bearings

- 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



## Double Row Hourglass Bearings

- Boeing approved
- High Radial and Axial Load Ratings
- Low Torque
- Integral Swage Grooves Available
- Pyrowear®, Cronidur30®, 52100, 9310 or 440C



## 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



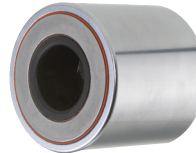
## Rod End Bearings

- 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



ISO 9001:2008  
AS 9100

[www.rbcbearings.com](http://www.rbcbearings.com)  
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