

RBC Aerospace Bearings

Landing Gear Solutions

Southwest Products/US Bearing Division

As part of the continued evolution of the RBC Aerospace family of companies, we are pleased to announce that the Southwest Products/US Bearing Division of RBC Aerospace has attained accreditation to ISO9001:2008 and AS9100.

RBC Bearings acquired both **US Bearing** and **Southwest Products**, which we then merged into the **Southwest Products/US Bearing Division of RBC Aerospace**. Since the acquisition there has been a substantial investment in new equipment and the division has relocated to a recapitalized facility in Baldwin Park, CA. RBC Aerospace continues to be well positioned to build on its proud legacy of meeting the needs of commercial and military applications with niche bearing solutions.

Served Market Segments

- Commercial & Military Aircraft
- Ships & Submarines
- Tanks & Ground Vehicles
- Missiles
- Power Generation Plants

Product Families

- Custom lined Sphericals, Rod Ends & Journals (up to 16")
- High Temperature Metal on Metal
- Split Ball Sphericals
- Solid & Welded Links
- Trunnions

SWP/USB has the capability to offer unique swaged bearing solutions, in addition to low friction liners and hard coat machining. This complements the precision machining, grinding, honing and lapping that have been our traditional core competencies.



Unique design solutions to complex problems.



Qualifications

SWP/USB holds a substantial number of OEM approvals and is proud to serve the Aerospace, Naval and Nuclear Markets.

Our broad product offering is supported by a highly skilled and dedicated workforce with a continuing commitment to the highest levels of customer satisfaction.



ISO9001:2008
AS9100

www.rbcbearings.com
626.358.0181

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 Cadmium plated, Zinc Nickel 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



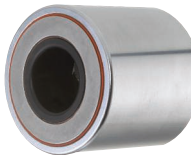
Rod End Bearings

- 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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