



Experience the Difference Aerospace and Specialty Bearings

Find out why McGill® has been a supplier of choice for aerospace and custom bearings for 60+ years.



Two-row, angular contact ball bearing for a helicopter gearbox

EXPERIENCE THE DIFFERENCE IN...

TECHNICAL SUPPORT

All aerospace and specialty bearing applications introduce new challenges. They demand innovation. And McGill consistently delivers. Bring us your concepts and performance goals for bearings. Our engineering and manufacturing teams always aim to exceed expectations.

CUSTOMER CARE

Critical bearing applications require customer service that is “above and beyond,” and that is what you’ll experience with McGill. We strive to anticipate your needs. We understand there is no room for second place. Our sales and service team sets the industry standard for professionalism when it counts most. Our files are filled with letters of appreciation attesting to our follow-through. We are eager to prove why.



Needle bearing track rollers and cam followers for flaps, slats and seat applications

A Regal Brand

REGAL

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SPECIALTY DESIGNS

Many of today's custom bearing solutions for commercial passenger jets are the result of McGill® innovations. Just a few include:

- Ball and roller bearings for auxiliary pumps.
- Thin-section, corrosion-resistant ball bearings for control systems.
- Track rollers for flaps and slats.

McGill has advanced the performance of helicopters, too, with lightweight designs that allow increased payload, without sacrificing durability. Examples include:

- Spherical roller planetary bearings for transmissions.
- Ball and roller bearings with various integral anti-rotation devices, such as flanges, slots and tabs.

Special bearing applications demand a special partner who listens to your requirements and delivers solutions that take technology to a new level. With smaller size, lighter weight, greater strength, greater resistance to heat, wear and corrosion. That special partner is McGill. We invite you to experience the difference of working with our team to achieve your goals.

To learn more, contact a bearing specialist at mcgillaerospace@regalbeloit.com



Manufacturing facility in Valparaiso, Indiana USA

BEARING TYPES INCLUDE:

- Cylindrical Roller
- Needle Roller
- Spherical Roller
- Ball Bearings
- Track Rollers and Cam Followers
- Cylindrical Thrust
- Roller Sets



Applications include:

HELICOPTER

- Hydraulic Systems
- Gearboxes
- Rotor Heads
- Seats and Doors

FIXED-WING

- Auxiliary Power Units
- Control Mechanisms
- Flaps and Slats
- Gearboxes
- Hydraulic Systems
- Seats and Doors
- Starters

INDUSTRIAL AND MILITARY

- Can Making Equipment
- Missile Systems
- Paper-Converting Equipment
- Precision Positioning Equipment
- Specialty Corrosion Resistant
- Specialty Gearboxes
- Specialty Non Lubrication
- Weapon Systems

McGILL

Regal Power Transmission Solutions,
McGill Manufacturing Company, Inc.
2300 East Evans Avenue
Valparaiso, Indiana 46383 USA
Telephone : 219-465-2200
Fax: 219-465-2438
Email: Mcgillaerospace@regalbeloit.com

Regal Power Transmission Solutions
7120 New Buffington Rd
Florence, KY 41042

www.RegalPTS.com/Aerospace

APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and its affiliates with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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