

Introduction to



Corporate Overview



- Founded in 1919
- IPO - August, 2005 (Nasdaq: ROLL)
- 3000+ employees worldwide
- 28 manufacturing facilities in five countries

RBC Bearings provides our global industrial, semiconductor, aerospace, and defense customers with unique design solutions to complex problems and an unparalleled level of service, quality, and support.

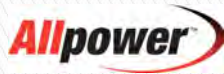
Corporate Acquisitions



Acquisitions began in 1990:

- **Industrial Tectonics** 1990
- Transport Dynamics 1992
- Heim[®] Bearings 1993
- Nice[®] Ball Bearings 1997
- Precision Products-Plymouth 1997
(Bremen Bearings)
- Precision Products-Bremen 1998
(Miller Bearings)
- Tyson[®] Bearings 1999
- Schaublin 2000
- RBC Oklahoma 2002
- RBC France 2003
- Aircraft Products, Inc. 2003

Corporate Acquisitions *cont'd*



PHOENIX
BEARINGS Ltd.



Acquisitions began in 1990:

- US Bearing 2004
- Southwest Products Inc. 2005
- Allpower Manufacturing 2006
- Phoenix Bearings Limited 2007
- Coastal Bearing Services 2007
- RBC AeroStructures 2008
(A.I.D. Company)
- RBC AeroComponents 2008
(BEMD Company)
- PIC Design 2008
- Lubron Bearing Systems, Inc. 2009
- Western Precision Aero, LLC 2013
- Climax Metal Products, LLC 2013
- Turbine Components, Inc. 2013

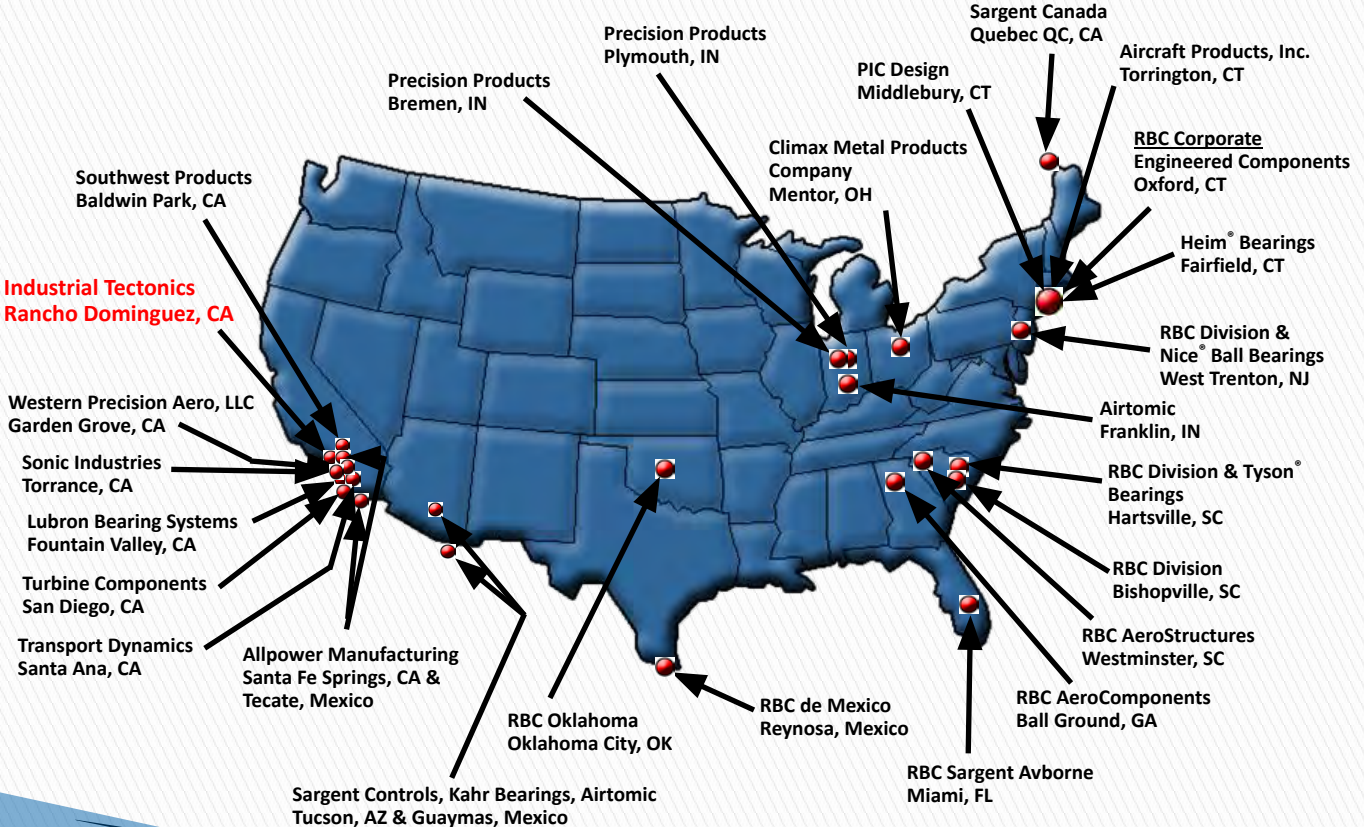
Corporate Acquisitions *cont'd*



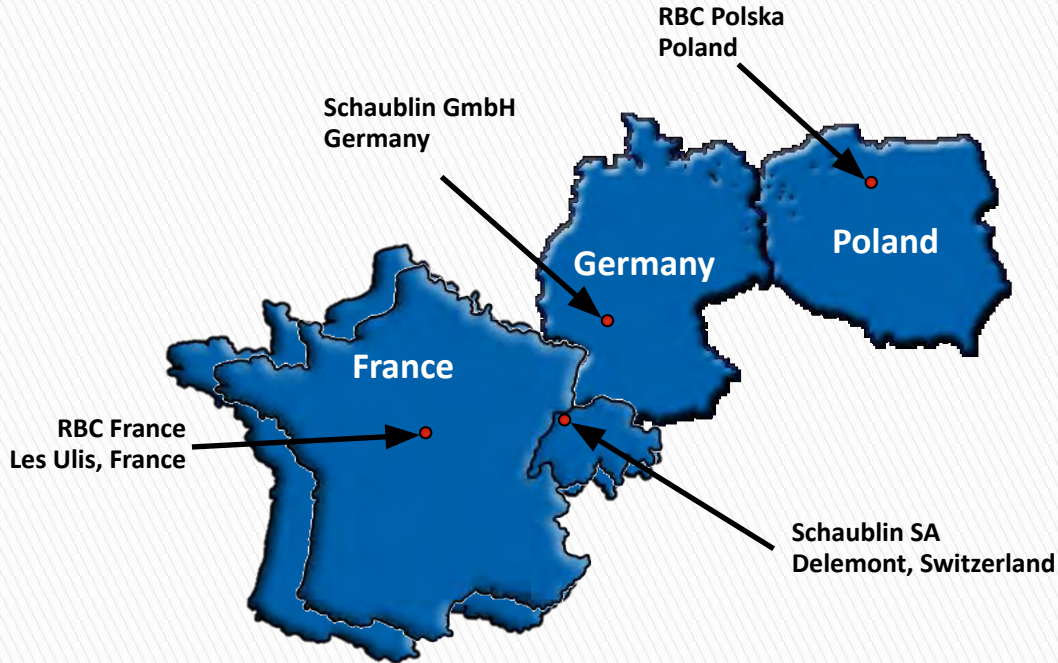
Acquisitions began in 1990:

- Sargent Aerospace and Defense 2015
 - Sargent Controls
 - Kahr Bearing
 - Airtomic
 - Sonic Industries
 - Sargent Canada
 - Sargent Avborne

Facilities - Domestic



Facilities - Europe



Product Lines



- Spherical plain bearings
- Heavy duty needle roller bearings
- Cam followers
- Rod end bearings
- Self-lubricating bearings
- **Thin section ball bearings**
- Ball bearings
- Airframe control ball bearings
- Spherical bearings
- Track rollers
- Tapered roller and thrust bearings
- Integrated assemblies
- Dowel pins, loose needle rollers, shafts
- Large tapered, cylindrical, and thrust bearings
- Aerospace rod assemblies
- Gears, timing belts, pulleys
- Aerospace rings, joints, and ducting
- Aerospace fasteners
- Aerospace and marine hydraulics
- Keyless Locking Devices
- Rigid Couplings
- Shaft Collars

Thin Section Ball Bearings



- Standard inch product lines
 - 1" - 40" bore (25.4 mm – 762 mm)
- Wide variety of cross sections, sizes, and features
- Common Applications
 - Military Equipment
 - Semiconductor equipment
 - Medical equipment
 - Industrial automation

Industrial Tectonics Bearings



- Rancho Dominguez, CA
- 75,000 sq. ft.
- 170 employees
- Thin section bearings, integrated assemblies, ball bearings, roller bearings
- ISO 9001:2008
AS9100:2009, Section 1
AS7114 for Nondestructive Testing

RBC Thin Section Bearings



- Standard inch product lines
 - 1" - 40". Metric Available
- Wide variety of cross sections, sizes, and features
- Common Applications
 - Semiconductor equipment
 - Slip rings/rotary joints
 - Food and Beverage
 - Medical equipment
 - Industrial automation

Quality Certifications

- ISO 9001
 - Industrial
- AS 9100
 - Aero Flight Critical

Industrial customers
Benefit from the strict
Aerospace controls that
are in place!



RBC Thin Section Bearings

Open Bearings
7 Cross Sections
Bore Sizes 1" – 40"



KAA

$\frac{3}{16}$ "



KA

$\frac{1}{4}$ "



KB

$\frac{5}{16}$ "



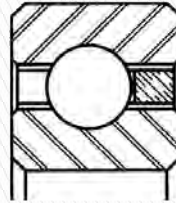
KC

$\frac{3}{8}$ "



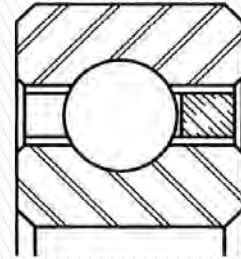
KD

$\frac{1}{2}$ "



KF

$\frac{3}{4}$ "



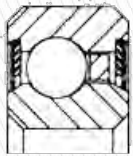
KG

1"

RBC Thin Section Bearings

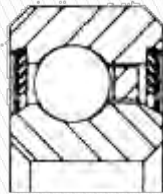
Sealed bearings

- 4 standard cross sections
- Bore sizes from 2" – 20"



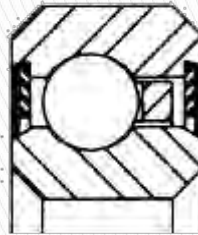
JHA

3/16" X 1/4"



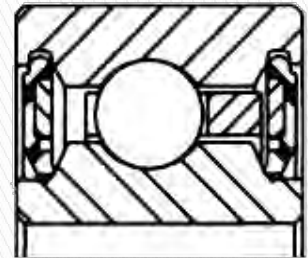
JA

1/4" X 1/4"



JB

5/16" X 5/16"



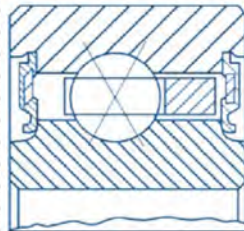
JU

1/2" X 3/8"

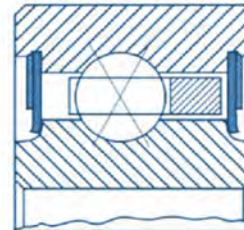
RBC EverGlide™ Seal – Lower Torque



Elastomer Buna Seals vs. RBC EverGlide™ Seals



Typical Elastomer
Molded Design



Typical PTFE/SS300
Design

Teflon® is a registered trademark of DuPont.

Special Performance and Design Options



- Stainless Steel Components
 - Rings and balls
- Special plating and coatings
 - TDC Thin Dense Chrome
- Specialty lubricants – factory installed
 - Food Grade grease
 - Low Outgassing lubricants
 - Wide Temperature Range
- Special clearance or preload
 - Improved stiffness
- Higher ABEC Ratings
 - ABEC1F through ABEC7F
- Duplex and Super Duplex

Industrial Thin Section Bearing Area



Clean Room Bearing Assembly



Fully Trained and Empowered Staff



Clean Room with product specific certified assemblers



Packaged and Ready for Shipment



□ ITB Awards

- From customers who:
 - Have critical bearing needs and applications
 - Require comprehensive engineering support
 - Demand outstanding customer service
 - Employ rigorous quality standards and systems
 - Measure and report on time delivery performance

Customer Quality Certifications

Northrop Grumman

Platinum Source Award



...reflects sustained excellence as a supplier of quality products and on time delivery to Northrop Grumman Integrated Systems (IS).

Pratt & Whitney-NASA Space Shuttle Main Engine Bearing



Customer Quality Certifications

Lockheed Martin “STAR” supplier

- Missiles and Fire Control Preferred Supplier
- ITB was the first Gold-level bearing supplier ever recognized by LMCO
- ITB was the first STAR bearing supplier ever recognized by LMCO



What Set's RBC's ITB Division Apart



- Manufacturing Excellence – Meeting and exceeding Super Clean, Tight Tolerances, and Flight Critical requirements the ‘Normal’ at ITB
- Demanding quality requirements
 - ISO and AS9100 Certified.
- Highest Level Service Awards from World Class customers w. demanding applications.
- Broad and deep inventory.
- Easy to do business with!

Thank you!