Those shiny new bearings you just installed…

could look like this in just 3 months!

Protect bearings from shaft voltage damage

For more information, ask your Bartlett Bearing representative about AEGIS® Bearing Protection Rings.

For an informative guide to Motor Bearing Protection, visit:

www.est-aegis.com/handbook
Welcome to Bartlett Bearing Company, Inc.

For more than 60 years, Bartlett Bearing Company, Inc. has taken pride in delivering the highest quality and best value to our customers. This philosophy has helped us grow into a national industry leader, distributing a wide range of bearings and related electro-mechanical products to over 3,000 clients nationwide.

As our many satisfied customers have come to know, Bartlett Bearing offers not only products and services on which you can depend, but also a convenient and cost-effective partnership that will help your business succeed.

We hope you enjoy learning more about Bartlett Bearing on the following pages. The accompanying advertisements from our valued suppliers enhance the picture of who we are and we thank them for their support in the development of this project.

If you would like to learn more about what Bartlett Bearing has to offer, please feel free to call us at 1-800-523-3382 or visit our website at www.bartlettbearing.com.

Sincerely,
Gayle Musser
President
The Name You Need to Know

Koyo

3NC Hybrid Ceramic

Ideal for electric motor and wind generator repair

EXSEV Ball Bearings

Lowers operating temperatures resulting in longer grease life

Eliminates arcing and fluting by insulating the bearing

Increases bearing life over standard bearings resulting in reduced downtime

BALL, NEEDLE & ROLLER BEARINGS
Bartlett Bearing Company, Inc. is a family-owned, independent distributor that specializes in servicing the electric motor repair industry nationwide. Extensive technical expertise and incomparable service set us apart, making us the supplier of choice for customers needing bearings and related equipment for electro-mechanical repair. We also service the alternative energy industry, as well as turf equipment, press roller repair, industrial user accounts, printing industry, transit and OEMs.

Tom Bartlett and his wife, Gladys, founded Bartlett Bearing in Philadelphia in the early 1950s. Over the years our company has grown considerably. Tom’s daughter, Gayle Musser, who is our current owner and president, her husband, Larry, and a dedicated team of employees are committed to the Bartlett Bearing tradition of providing excellent customer service, innovative solutions and top-quality products at competitive prices. Participation in the Electric Apparatus Service Association (EASA) has enhanced Bartlett’s reputation in our industry.

Bartlett’s client base extends all across the U.S. We serve customers from fully stocked warehouses in five convenient locations: Philadelphia, Pennsylvania; Gastonia, North Carolina (in the Charlotte area); Hebron, Kentucky; Pelham, Alabama and Tampa, Florida. We are excited about the future and look to continue to expand our geographic presence in 2015 and beyond with stocking warehouses strategically positioned for logistical superiority and better service to our customers.

Dependable service is a top Bartlett Bearing priority and we deliver on that promise every day with consistently high performance. We continually investigate new designs and technical bearing advances to further strengthen our company’s abilities and services. We are poised to meet the demands of the newest developments in bearing technology emerging from the wind power industry. Bartlett’s unique combination of quality products, innovative technology and our experienced sales staff make us the number one choice for countless electric motor repair shops nationwide. We are proud to say that our many satisfied customers are our best salespeople!
Improve electric motor performance

with world-class SKF bearings

SKF bearings can improve electric motor performance, from extending service intervals and increasing speeds to reducing noise and improving energy efficiency.

**SKF Explorer series** – Able to carry radial, axial and combined loads, SKF Explorer deep-groove ball bearings deliver substantial improvement in accuracy, enabling higher running speeds and longer service life.

**SKF Energy-Efficient (E2) bearings** – In light to normal load applications, these bearings improve application efficiency by reducing the bearing’s frictional losses by 30% or more compared to SKF Explorer bearings.

**SKF INSOCOAT bearings** – Sealed with a resin to protect against the conductive effects of water and moisture, these bearings can increase machine uptime by virtually eliminating the problem of electrical erosion.

**Hybrid bearings** – With rings made of bearing steel and rolling elements made of bearing-grade silicon, hybrid bearings can be used to effectively insulate the housing from the shaft in both AC and DC motors.

To learn more, see your Bartlett Bearing distributor or visit [skfusa.com](http://skfusa.com)
Let Bartlett Knowledge Go to Work for You

Knowledge is the driving force behind Bartlett Bearing’s unsurpassed customer service. We know our products! Our experienced employees are experts on the bearings that go into the electric motor and we are happy to share our expertise to benefit you. We not only solve problems; we will help you eliminate mistakes and errors before they ever occur! Our Technical Services Department, under the direction of Vice President of Operations Bill Potts and Product Support Manager Mike Pulley, are dedicated to solving any problem related to bearings used in electric apparatus applications.

We are in tune with the latest technologies and innovations in the bearing industry, keeping us on the cutting edge of our business. Partnering with our vendors has increased our educational channels, which allows to better service our valued customers in the electric motor repair industry. Our hands-on approach in educating customers regarding issues such as lubrication, tolerances and clearances gives us the value-added advantage our customers have come to expect from Bartlett Bearing. Challenge us with your repair issues or applications and we will provide the solutions that will best serve your specific needs.
Angular Contact Ball Bearings
- Specific geometry of angular contact bearing raceways and shoulders creates ball contact angles that support higher axial loads

Radial Ball Bearings
- Work well in contaminated environments
- Special coatings provide for additional corrosion resistance

Cylindrical Roller Bearing
- Wide range of sizes and configurations in single and double rows
- Engineered for smoother operation, reduced friction and longer bearing life

Spherical Roller Bearing
- Consistently runs cooler than same-size competitive bearings
- Load capacity increased 17 percent and design life increased 75 percent over previous design

SAF Housed Unit
- Rugged cast-iron construction for tough environments
- Extensive product line ranges from 1-3/8” to 19-1/2” bore
At **Bartlett Bearing** our goal is to keep our customers up and running with a minimum of costly down time. We have a wide selection of inventory in all of our well-stocked warehouses across the country. Express air and courier service is available for same day delivery – no matter what time of day it is. We know that motors don’t always break down during regular business hours, which is why we never close to your needs, providing what you need when you need it.

You will never encounter frustrating voicemail delays when you call us for help. We offer immediate solutions 24 hours a day. Qualified personnel at every location are on call and available to assist you. In most cases, we will let you know within minutes of your initial call the inventory status of the item as well as when to expect delivery. All orders are double-checked for accuracy of product.
Bartlett Bearing is an authorized distributor for most major bearing manufacturers. Recognized brand names provide you with the assurance that you are purchasing quality material and workmanship. We inventory an extensive selection of products from the top-name manufacturers at all five of our warehouse locations.

Perhaps you are quoting a GE vertical motor and only have their part number. Bartlett can help. Or, maybe you need the seals or grease for a Sweco shaker motor. We can help!

Our top-quality product selection includes hybrid ceramic bearings, insulated bearings, insulated sleeves, AEGIS® grounding rings, EM Quik Sleeves, mill motor couplings, flex couplings, V-belts, oil seals, mechanical seals and many other products to meet your needs.
Two great companies.

ONE MISSION.

BARTLETT BEARING COMPANY, INC  NTN BEARING CORPORATION

World Renowned Quality

Bartlett Bearing and NTN Bearing. Your network for the latest innovations in technology and design excellence. Together we’re committed to providing our distributors the best product in the industry and the best service.

WIDE RANGE OF PRODUCT TO MEET SPECIFIC MOTOR REQUIREMENTS

- NTN Deep Groove radial ball bearings have the highest quality standards in the industry and are an excellent choice for a broad range of applications.
- NTN Angular Contact bearings are a preferred choice for high precision bearings and are manufactured to exceed industry standard precision requirements.
- NTN Cylindrical bearings have speed capabilities comparable to ball bearings but are designed for heavy radial loads.

For More Information On Our Electric Motor Quality Products Visit: www.ntnamericas.com
Experts in Bearing Solutions

www.fersa.com
Choose **Bartlett Bearing** for Outstanding Products and Service Excellence

- Top quality products at competitive prices
- Experienced, knowledgeable and helpful staff
- Five, well-stocked warehouses nationwide
- Authorized distributor for leading manufacturers
- Innovative repair and applications solutions
- Quick and efficient delivery
- 24/7 emergency service
- Expertise in the latest technological innovations
- Outstanding reputation for dependability and professionalism
An effective long-term method of grounding motor shafts is crucial to making inverter driven systems reliable. At Bartlett Bearing, we are happy to discuss the specifics of your application and introduce you to the latest technologies in our industry. Let Bartlett Bearing help you find cost effective ways of providing the Full Circle Bearing Protection your motor requires to prevent down time, lost production and expensive repairs. We will show you everything you need to sustain motor life and ensure the return on your investment.
Circle Solutions

Documented solutions for sustained motor life.
Technology driven products from trusted manufacturers.

And a distributor you can count on.
QUALITY, SERVICE AND RELIABILITY

www.consbrgs.com
Our Founders
Gladys and Thomas Bartlett founded Bartlett Bearing Company in Philadelphia, PA in 1951 and later incorporated in the 1970’s. They will both be remembered for their leadership, hard work, dedication and complete commitment to the success of their endeavor. Principals contribute to the foundation on which the company stands today. This cornerstone of positive employment practices, a professional working environment and a dedication centered on the core values of integrity, compassion and pursuit of continuous learning still motivates us today.

Mission Statement
The Bartlett Bearing Company mission is to provide service that exceeds our customer’s expectations by supplying quality name brand products to the electro mechanical repair industry. We are committed to the continuous education of our employees to ensure a knowledgeable and professional staff that allows them to assist in problem solving for our customers. Bartlett Bearing will possess and convey superior product knowledge, maintain a complete inventory and offer the industry’s latest technologies fulfilling our customer’s requirements at a competitive price.

Our Employees
We are proud of our employee retention that is driven by sound practices of promoting from within, fostering employee development plus open communications with a hands on management team. We are pleased to say that we currently have 31 employees with tenure exceeding 10 years and an additional 18 that have been with the company in excess of 5. The employees tenure with 10 years or more are listed below.

Ten Years
Airkim Golphin - Dave Ball - Mickey Hatfield - Amber McRae - Beverly Gonzalez
Joseph Desprez - Gina Sullivan - Dan Bergerson - Doris Rhein - Wanda Vargas
Joe Shultz - Tod Henderson

Fifteen Years
Davida Kelley - Joe Jackson, Jr. - Shari Markee - Chris Conway
Tom Gonzales - Epi Ortiz - Donna Powell

Twenty years
Julie Christine - Tom Gonzales - John Conway - Vic McDevitt, Jr.

Twenty-five years plus
Gayle Musser - Larry Musser - Thomas Bartlett, Jr. - Sandra Limeburner
Vic McDevitt, Sr. - Bill Potts - Joe Jackson, Sr. - Joe Wilkinson
Using the right tools to install and remove bearings...

- Saves time
- Helps prevent premature bearing failure
- Is safe and efficient

The Fast Therm 20 is a portable unit and perfect for small, on-site installations.

**BEARING PULLERS**
- Prevent bearing and shaft damage
- Hydraulic and mechanical options
- Up to 30 tons of force

**KITS AND ACCESSORIES**
- Bearing install kit
- Accessories for pullers
- Pulling plates
- Separators

**INDUCTION HEATERS**
- Quickly heat bearings
- Simple controls
- Accurate temp control
- Bearings up to 1200kg
Contact us and give your business the Bartlett Bearing advantage today!

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10901 Decatur Road
Philadelphia, Pennsylvania 19154
Telephone: 215-743-8963
Toll Free: 800-523-3382
Fax: 215-744-1980

GASTONIA
1497 Delta Drive
Gastonia, North Carolina 28052
Telephone: 704-915-302
Toll Free: 888-456-6233
Fax: 704-915-3039

HEBRON
2100 Conner Road, Suite 290
Hebron, Kentucky 41048
Telephone 859-212-2210
Toll Free: 866-598-5773
Fax: 859-212-2227

PELHAM
272 Cahaba Valley Parkway
Pelham, Alabama 35124
Telephone: 205-987-1915
Toll Free: 866-987-1915
Fax: 205-987-1916

TAMPA
9320 Florida Palm Drive
Tampa, Florida 33619
Telephone: 813-426-8922
Toll Free: 866-839-4848
Fax: 888-248-8550

www.bartlettbearing.com
Selecting the right AEGIS® Ring

AEGIS® SGR for Low-Voltage Motors
(To 500 HP)

Product Details:
- Circumferential Conductive MicroFiber rows secured in place by FiberLock™ Channel
- Number of MicroFiber rows: 2
- Fiber overlap of shaft: 0.030" (.76 mm)
- OAL: 0.295" (7.5 mm)
- OD: See AEGIS® Bearing Protection Handbook

Basis for Selection:
- Shaft diameter

Mounting:
- Internal or external
- Split or solid versions
- Custom brackets (optional)

Installation:
- For motors over 100 HP, isolate one bearing and install AEGIS® SGR on the opposite bearing.

AEGIS® iPRO for Medium-Voltage Motors
(And low-voltage motors greater than 500 HP)

Product Details:
- Circumferential Conductive MicroFiber rows secured in place by FiberLock™ Channel
- Number of MicroFiber rows: 6
- Fiber overlap of shaft: 0.030" (.76 mm)
- OAL: 0.625" (15.875 mm)
- OD: Shaft + 1.86"

Basis for Selection:
- Shaft diameter

Mounting:
- Internal or external
- Split or solid versions
- Custom brackets (optional)

Installation:
- Isolate one bearing and install AEGIS® iPRO on the opposite bearing.

VFD-Operated AC Induction Motors

<table>
<thead>
<tr>
<th>Low-Voltage Motors to and including 100 HP</th>
<th>Low-Voltage Motors 100HP ~ 500HP (600 VAC)</th>
<th>Medium-Voltage Motors Over 500HP (Over 600 VAC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bearing Current A</td>
<td>Bearing Current A &amp; B</td>
<td>Bearing Current A, B &amp; C</td>
</tr>
<tr>
<td>AEGIS® SGR</td>
<td>AEGIS® SGR</td>
<td>AEGIS® iPRO</td>
</tr>
<tr>
<td>n/a</td>
<td>Isolate one bearing, usually the non-drive end to break the circulating current path</td>
<td>Isolate one bearing, usually the non-drive end to break the circulating current path</td>
</tr>
<tr>
<td>Install AEGIS® SGR on drive end or non-drive end</td>
<td>Install AEGIS® SGR opposite side of bearing insulation; usually drive end</td>
<td>Install AEGIS® iPRO opposite side of bearing insulation; usually drive end</td>
</tr>
</tbody>
</table>

Sinusoidal-Operated Motors (No VFD)

<table>
<thead>
<tr>
<th>Medium-Voltage Motors Over 500 Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bearing Current C</td>
</tr>
<tr>
<td>AEGIS® iPRO (may not be needed)</td>
</tr>
<tr>
<td>Isolate one bearing, usually the non-drive end to break the circulating current path</td>
</tr>
<tr>
<td>Install AEGIS® iPRO opposite side of bearing insulation; usually drive end</td>
</tr>
</tbody>
</table>

For questions about AEGIS® Rings or assistance in selecting the correct ring for your application, contact your Bartlett Bearing representative or AEGIS® Customer Service

1-866-738-1857 | sales@est-aegis.com
Electro Mechanical Repair Specialists

Ball & Roller Bearings
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FAFNIR
FAG
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HYATT
IKO
INA
KBC
KOYO
MRC
NACHI
NHB
NICE
NKE
NTN
ORS
RBC
RBL
ROLLWAY
SKF
SMITH CAM FOLLOWERS
SNR
TIMKEN
TORRINGTON

Bronze Bushings/Bars
AMERICAN SLEEVE BEARING
ISOSTATIC
WHEELER INDUSTRIES
OIL RINGS (split or solid)
BUNTING BEARINGS

Sealing Devices
Axial face seals, bearing isolators, end caps, mechanical seals, O-rings, oil seals, pump packing, shaft repair sleeves and V-rings.

SKF SEALING SOLUTIONS (C/R)
TRANSCOM (TCM)
TIMKEN (National)
GARLOCK SEALING TECH
PARKER/J. M. CLIPPER
U.S. SEAL MANUFACTURING
CHEKSEAL-PALMETTO

Lovejoy Couplings
JAW
S-FLEX
GRID
GEAR
MILL MOTOR

Hardware
LOCKNUTS & WASHERS
LOAD SPRINGS
RETAINING RINGS
SHAFT COLLARS

Roller Chain
RBL

Blower Bearings
TRIANGLE

Shaft Grounding Devices
AEGIS SGR Bearing Protection Rings

Bearing Heaters
SKF
KOYO
FAG
RECO
TIMKEN
CONE MOUNTER

Lubricants
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CHEVRON-BLACK PEARL
CHEVRON-SRI
MOBIL/EXXON-POLYREX
EM SHELL-ALVANIA
SHELL-CYPRINA RA
TIMKEN GREASES
SKF GREASES

Precision Alignment Shims
INDUSTRIAL GASKET & SHIM

Bearing Pullers & Tools
SKF MAINTENANCE PRODUCTS
POSILOCK
OTC

Housing Repair Units
EM QUIK-SLEEVES steel, cast and insulated
USA TOLERANCE RINGS

“V” Belts, Pulley & Sheaves
MASKA BANDO
JASON PIX
AMETRIC

---

Emergency Service Available
24 Hours a Day
www.bartlettbearing.com
Email: sales@bartlettbearing.com
Quality bearings are only one aspect of RBL’s product line. We take pride in our products that encompass bearings, rod ends, bushings, sprockets, roller and leaf chains along with a range of power transmission products. To assure product availability and the best possible service for our customers, we have extensive inventories at our five regional warehouses.

For the full range of RBL products visit

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RADIAL SHAFT SEALS

- Oil Seals
- Grease Seals
- Medium Duty Oil Bath Seals
- AP Excluder Seals
- V-Rings
- Axial Face Seals
- Valve Stem Seals
- End Caps
- Shaft-Eze® Shaft Sleeves
- Pressure Seals

- Selected sizes oring materials:
  AFLAS®
  Chloroprene
  HSN
  Polyurethane
  PTFE Encapsulated
  - FKM
  - Silicone

O-RINGS

- All inch sizes available in:
  NBR 70 & 90
  FKM 75 black & brown
  FKM 90
  EP70
  Silicone 70
- Spliced Rings—Hot and Cold Bonded
- Extruded Cord
- Metric O-Rings
- O-Ring Kits
- X-Rings
- Square Rings
- Back-Up Rings
MOUNTED BALL BEARINGS
CUSTOMIZED TO FIT YOUR APPLICATION

AMI Provides More Than Just Product
We Provide Product Solutions

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Specialty Programs - Training - Marketing Services

QUALITY
Manufactured to Meet Precise Industry Standards

AVAILABILITY
Stocking Warehouses in US & Canada

FLEXIBILITY
Customized Modifications Available

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Why replace your E-motors? Re-life them.

EM-QUIK SLEEVE

- SAE 1026 STEEL
- CLASS 40 GREY IRON
- INSULATED
- THIN WALL

available from stock

EMQ - INSULATED SLEEVES

Manufactured in SAE 1026 Steel and coated with a Thermoplastic Polymer Alloy that has a dielectric strength of 1,000 volts per mil. Sleeves are supplied with two insulating washers made from G10 material.

EMQ-Insulated Sleeve has a proven track record of isolating and insulating bearing surfaces. For over twenty years these prefabricated sleeves have been supplied to electric motor repair facilities throughout the United States and Canada.
Posi Lock offers the safest and highest quality manual and hydraulic pullers on the market.

The patented Safety Cage® design helps you get the hardest jobs done easier and faster, SAVING TIME and MONEY!

Posi Lock pullers are used in a variety of industries including:
- Manufacturing
- Automotive
- Railroad
- Aviation
- Steel mills
- Mining
- Oil fields
- Wind farms
- Shipyards
- Paper mills
- Logging
- Construction sites
- HVAC
- Hospitals
- Hotels & Restaurants

For more information contact your Bartlett representatives or visit us online at www.posilock.com.

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

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The Name You Need to Know

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