



BearingNet's Best Bits

www.bearingnet.net



Thanks to everyone for taking part!



"With BearingNet I can buy & sell bearings worldwide...and more!"

Paolo Carlini
Forniture Industriali Dellacasa
Member since 2002



"BearingNet has played an important role in our growth. We now distribute to over 40 countries worldwide!"

Yago Zens
PBI International
Member since 1997



"BearingNet has allowed us to reach more customers and do business on a worldwide scale!"

Quirijn Fabrie
ABF Bearings
Member since 1997



"We have been using BearingNet since we were founded. It is a great platform that has helped us to grow rapidly!"

Greg Cheng
WD Bearing Group
Member since 2000

"It provides real time enquiries and allows our customers to view up to date stock helping us to stay at the forefront of the industry"

Ray Mifsud
DUNLOP BTL LTD
Member since 1998



"Networking at its best!"

Ismael Klein
Fröhlich & Dörken GmbH
Member since 1998



"The inventory in our warehouse is massive but there will always be missing items, that's why we need BearingNet"

Marco Cantoni
Cantoni Cuscinetti s.r.l.
Member since 2000



"BearingNet has made the world much smaller. User Meetings allow us to meet bearing distributors from all over the globe & make long lasting business relationships."

Jim Ordeshook
Eastern Industrial Automation
Member since 2007



"BearingNet has redefined the way the world buys and sells bearings - simpler, better, smarter."

Jameel Moosa
Bearing Corporation
Member since 2007



"The bearing business is our work and BearingNet is where we like to do it!"

Antonio Izzo
Izzo s.r.l.
Member since 2001



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BearingNet is the world's largest inquiry system for bearing and power transmission distributors. BearingNet gives you access to the inventories of 1475 of the most important distributors around the world with a combined inventory value of over \$10 billion dollars.

At the end of 2014 BearingNet launched the brand new BearingNet News section featuring news from their members, manufacturers and the industry in general as well as lots of fun stuff!

This magazine presents a collection of BearingNet's Best Bits from BearingNet News over the past year.

If you would like to feature on our News site send your news to mollyv@bearingnet.net

news.bearingnet.net

1816 members in 80 countries



Europe
The Americas
Asia
Africa & Middle East

How often do our distributors upload inventory?

The most recently uploaded inventory appears at the top of the search results table



19,454,716

Searches performed on BearingNet in 2014

2,893,758 User logins to BearingNet in 2014
1,995,565 Inquiries were sent in 2014

115,183,269 Lines of inventory uploaded in 2014



Miami, Florida
11-13 June 2015
BearingNet USA User Meeting

BearingNet: Did you know?

Members hints & tips

Make notes about other companies

You can store comments about any company using 'Your Comments' on their company details page. These notes are only visible within your company.

Manage your inventory

If you don't want certain companies viewing your inventory and sending inquiries you can limit this, go to their Company Details page: 'Relationship Settings - Inquiry method'

You can automate the inventory upload by sending it automatically to our FTP server. Contact support@bearingnet.net

You can manage your inventory via 'Your Account > Your Inventory'. The Inventory Page gives you feedback on the performance of your inventory and who sends you the most RFQ's.

Add more users

Give each user their own login ID 'Your Account > Manage Users'

Adding multiple users allows you to direct sales inquiries to the appropriate person from 'Your Account > Sales contact settings'

Search results screen What do all these icons mean?

- ★ 150 companies with the highest recommendation score
- ☆ The next 850 companies have a silver star (The 1000 most highly recommended companies have a star)
- 🛒 This company has a Webshop - you can link directly from a part number to the company's Webshop
- 👤 Use this icon as a quick view for the company's basic contact and membership information
- 👍 This icon means you have recommended this company
- 🏆 This company is authorised in this brand
- 🏆 This company is an authorised distributor of a different brand
- 📝 You have written comments on this company - view them on their company details page - (only your company can see these notes!)
- 🕒 This company is currently on a free trial
- ⚠️ This company has a trade dispute (see this dispute on their company details page)

Read more, page 9



This is our new ManEx Channel dedicated to helping manufacturers advertise their company and products to our distributor members.

email nicolab@bearingnet.net

Ringball Corporation #THROWBACK

BearingNet member since 2000, Ringball Corporation, have sent us these lovely pictures of their offices. Look how much they've changed!!

The story of Ringball Corporation

In 1951 Swiss entrepreneur F.J. Vondruska journeyed to Canada to leave an over crowded post-war Europe. With a strong background in the bearing industry, Vondruska quickly realised the potential of opening a nationwide distribution company in Canada.

Today Vondruska's dreams have become a reality - Ringball Corporation is a leading distributor of all types of ball & roller bearings, power transmission products and other related products. The sister company, Vanguard Steel Ltd, shares the same premises but markets speciality steel products.

Long before his goal was achieved, Vondruska began work in a modest four-storey building with a harbour front location, which later became his first distribution outlet in Canada. He returned to Europe to establish contacts with leading manufacturers and became their exclusive Canadian distributor.

Steyr Bearing in Austria, GMN in Germany and RIV in Italy were his principal suppliers. Vondruska hired experienced workers in Europe and helped them emigrate to Canada. Veteran of Steyr Bearings, Walter Kranzl became the first General Manager of Vondruska's new enterprise, named Industrial Appliance Co.



In 1953 Vondruska applied for federal registration for his company which was unsuccessful (too many Industrial Appliance Companies already existed!) and resulted in a name change to Ringball Limited, which was successfully registered.

Things were going well and Vanguard's enterprise was expanding. By 1960 an agreement had been signed with Bohler Steel, Austria, which led to the formation of Vanguard Steel Ltd. There was also another name change - Ringball Bearings Ltd, this was changed to emphasise the significance of bearings. The Bohler agreement helped Vanguard to expand quickly due to the many European born tool and die makers that were now based in Canada and were already familiar with the Bohler products. Ringball and Vanguard continued to expand during the 60's. By the 70's they were carrying a broad range of product lines and dealing with companies in Europe, Asia, US and Canada. By the 80's, Ringball's product line extended to more than bearings, which led to a third name change - Ringball Corporation.

By the 90's the two companies employed 150 people and had a national total of 200,000 square feet of warehouse and office space across Canada.

Continuing with the same method of growth capacity Ringball Corporation and Vanguard Steel Ltd are very well positioned to meet future demands of the Canadian industry with their wide range of products.

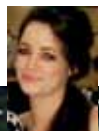


Bill Strathearn said "I joined Ringball in 1978 as an Inside Sales representative, then I moved to Outside Sales, then Divisional Manager then Vice President & General Manager. I know that this might sound strange coming from someone that has spent 36 years with the same company but I did have other jobs, some that lasted 3 months others that lasted 3-1/2 years but I can definitely tell you that this is the best company that I have ever worked for!"



2014 European User Meeting in Riga

By Nicola Beer



Our latest European User Meeting was held in Riga, Latvia last October. Over 300 of our members from all around the world arrived in this delightful Baltic city, which turned out to be nowhere near as cold as people had originally feared.



The atmosphere at the Welcome Reception was fantastic as old friends from different continents greeted each other again. This was followed by two full days of networking where the sound of non-stop business meetings between our members was almost deafening! Despite spending Friday evening sampling the delights of the Old Town, they were back in the meeting room bright and early on Saturday for the second day of networking (well most of them were!) Some even had enough energy for a particularly competitive table football tournament at the end of the day.

We hope everyone came away with improved juggling skills and most importantly, some excellent business leads!

We would like to say a special thank you to the event sponsors – you have helped to develop the meeting into what it has now become.

Ackrutat Ing. Walter H.
Acorn Industrial Services Ltd
Bearing Warehouse Ltd
Fincoma s.r.l. Componentistica per l'industria
Fröhlich & Dörken GmbH
GLH GmbH
Godiva Bearings
IDC Germany GmbH
DUNLOP BTL LTD
PEER Bearing GmbH
Picard GmbH & Co. KG
SNH Europe GmbH
WD Bearing Group

Kavial OÜ
Moltech AH Kft.
MS Motorservice International GmbH
Shandong Yujie Bearing Manufacturing Co., Ltd
THB Bearings Co., Ltd

- Industry News

UK Manufacturing activity picks up pace

According to the latest research, the manufacturing sector has picked up pace in February. Output is expected to grow at an even faster rate over the next three months.

The latest CBI Industrial Trends Survey of 522 manufacturers found that total order books strengthened on what were already robust levels, climbing to a six month high.

Export orders also grew this month to a level "well above average," regaining some of the ground lost towards the end of last year.



They do, however, still lag behind more robust domestic orders. Manufacturers expect a modest rise in selling prices over the next three months, although expectations for price inflation remain moderate overall.

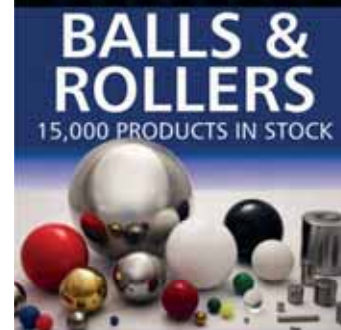
Rain Newton-Smith, CBI economics director, said manufacturers have "more of a spring in their step this month"

"The drop in oil prices is good news for the manufacturing sector in the UK, bringing with it lower operating costs, but North Sea producers are clearly suffering," added Newton-Smith.

"Export orders picked up significantly, to a level not seen for six months, but uncertainty over prospects in the Eurozone will continue to weigh on export demand"

"So, it's imperative we continue to help manufacturers sell their products and services into high-growth markets around the globe."

Read more on the story at InsiderMedia.com



PTDA Accepting Wendy McDonald Award Nominations

PTDA Foundation Now Accepting Nominations for 2015 Award.

The award Recognizes a Trailblazing Woman in the Power Transmission/ Motion Control Industry.

To honour the memory of Mrs Wendy B. McDonald, one of the power transmission/motion control industry's true pioneers, the PTDA Foundation established the Wendy B. McDonald Award. The award acknowledges a woman who has established herself as a critical contributor to her company's success and has affected positive change within the power transmission/motion control industry.



A trailblazing woman business owner, Mrs. McDonald left many legacies through her long career in the industry. Her charm and grace are legendary as well as her philanthropy and commitment to give back to the industry and the communities that led to her success. The inaugural recipient of the Wendy B. McDonald Award in 2014 was Pat Wheeler of Motion Industries (Canada).



When merited, the Wendy B. McDonald Award will be presented annually during the PTDA Industry Summit. Nominations are now being accepted through May 31, 2015, and will be judged by

the following criteria:

- * Nominees must be female and employed by a PTDA member company within the calendar year for which the nomination is being made. There are no criteria with respect to title, position in company or years of experience.
- * Nominees must exemplify leadership and integrity in all business relationships.
- * Although all nominees are considered, those employed by Canadian companies or distributors receive extra consideration.

Download the criteria and nomination form at: www.ptda.org/WBMcDonaldAward.

Every Wednesday our feature, 'App of the Week' is published. If you're looking for apps that will help at work, on business travel or just for passing five minutes of your time, check it out!

By Lee Pearson



CamCard - You're at the BearingNet User Meeting, you've met countless distributors over the weekend and collected just as many business cards. You go back to the office and have the task of entering all that contact information into your phone and address book. Well, CamCard uses your phone's camera to scan any business card and save the contact information on your smartphone. You can even store a virtual business card within the app and 'swap' cards at future meetings!



Miami Florida

11-13 June 2015

Face to Face Networking Opportunities

BearingNet User Meetings

3-5 March 2016

Hamburg Germany

COME AND SEE US!

HALL 24

STAND B-18

13TH - 17TH APRIL

Dudley: +44 (0) 845 345 5955
Newcastle: +44 (0) 845 345 5920
Email: sales@godiva-bearings.co.uk

Twitter Facebook LinkedIn YouTube

WWW.GODIVA-BEARINGS.CO.UK

Looking to the developing world for growth



It is predicted that sales of bearings and couplings is going to reach \$26.7 billion by 2018 from \$22 billion in 2013. This is being driven by industrial development in high-growth regions of the world. A report from Frost and Sullivan says that this push from developing countries is necessary as growth in Europe and North America has hit maturity and further growth is limited.

In the short term, it is said there may be a focus and pressure on price among manufacturers, which could lead to a decrease of the value of the market in general. The trend of consumers choosing low-cost Chinese imports will add to this challenge.

It is mentioned in the report that as a standard price and quality level becomes apparent, customers will begin to make their decisions on who to purchase goods from on the basis of 'value-added' services.

Manufacturers will need to create niche's for themselves such as maintenance free technologies like lubrication-free bearings. This sort of service will allow a consumer to reduce the time and costs of replacements which will encourage them to choose certain manufacturers over others.

Research Analyst, Guru Mahesh says that added momentum to the bearings and couplings market will be supported by the expansion of the mining industry in Africa as well as the emergence of mines in Indonesia which will lead to greater uptake.

Manufacturers will be encouraged to expand globally by fluctuating exchange rates, enabling them to reach high-growth areas.

Another factor driving demand for industrial bearings and couplings is the large installed base around the world which creates a need for replacements and upgrades.

New tool helps reps gain insights about distributors

Channel Marketing Group has introduced a new program designed to help manufacturers representatives gain insight into the needs of distributors.

Called "Uncover For Manufacturer Reps," the program is a proprietary distributor satisfaction survey that enables independent manufacturer rep agencies to solicit feedback from their distributors. The tool asks distributors what rep attributes and services they value; how the agency performs, and how other agencies that call on the distributor perform. The results are used to calculate a Distributor Satisfaction Index (DSI).

"Manufacturer rep agencies are now able to further identify how they perform for their distributors, determine where they need to improve and promote how well they are serving their distributors to their manufacturers," explained David Gordon, principal of Channel Marketing Group, a strategic planning, marketing and market research firm.

According to one rep who inquired about the service at the recent NEMRA meeting, "This can be key in getting more input from distributor personnel and helping me further differentiate my agency for the long run. I can take this information and develop a longer range strategic plan."

The survey brings to light the issues and attributes that the principals of a rep firm need to address in their planning process. The survey also acts as a testimonial of the agency's effectiveness in its trading areas.

The survey covers critical areas such as customer service, achieving planned sales goals, product knowledge, problem solving skills,

outside and inside sales effectiveness, understanding the needs of the end user, planning ability, trust, training services, negotiating ability, selling skills, and more.

Uncover for Manufacturer Reps was introduced at NEMRA and the NAED South Central Regional Conference to manufacturer representatives. The service is available for immediate launch. Special rates are available for NEMRA agents.

Sourced from: Industrial Supply Association

Reliable Technical Partner

Comprehensive Technical Provider of industrial maintenance, machine building systems and components.

ONE STOP SHOP
Product range of more than 80 different world renowned brands.

PROFESSIONAL TECHNICAL SUPPORT
Offering complete and customized solutions supported by technical experts.

RELIABLE WORLDWIDE DELIVERY
Sales and purchase network in more than 70 different countries.

MM Intercom, Ltd., Letalika cesta 33a, 1000 Lublana, Slovenia

Women in the Industry

In the words of James Brown - "This is a man's world" but times are changing! It is becoming more and more apparent in the bearing industry that the number of women working in technological companies is on the rise.



This topic has been in the news a lot over the past 6 months, with many role models, celebrities and female UN ambassadors encouraging equality in work places with the HeforShe campaign.

According to a Huffpost, 45% of the workforce in the UK is made up of women, however only 15.5% of this figure is women working in science, technology, engineering and maths (STEM) careers. This has been attributed to women feeling isolated in these generally very male dominated work places. So we put it to the test and asked our female BearingNet members at the Riga User Meeting what they thought of being the minority in this very male dominated industry, and what they think of there being more and more women in the bearing industry nowadays.

Jenny Palling, Admin Director at BearingNet, told us how she was the first woman to work for BearingNet back when it was a very small company with just 4 employees. Jenny studied Humanities at University and started at BearingNet in 2000 as the Accountant, without a real interest in bearings or the power transmission industry. However, after working in the industry for 15 years Jenny's Interest in the market has increased, "bearings are a product that does not go out of fashion!"

At the very first BearingNet User Meeting that Jenny attended in Prague in 2005, there were maybe a dozen women and last year we welcomed 52!



By Molly Vaughan



"Don't sit behind the computer screen...have confidence in yourself!"
Susan Rudd and Louise Foster from George Lodge & sons in the UK

Maria Romero from Carter Manufacturing UK told us how nervous and intimidated she felt at her first User Meeting in Warsaw, there were very few women delegates and she wanted to turn around and leave!

"Bearings are a product that does not go out of fashion"

- Jenny Palling, BearingNet

Over the past years the number of women in attendance at the meetings has grown and they would encourage more and more women to get into the industry. "Don't be frightened" is the advice that Maria would give to any women looking to get into a generally male dominated industry such as bearings and power transmission.

All of the female delegates that we spoke to really enjoyed their jobs and being at the meeting, getting to know different companies and seeing each other face to face to create long-lasting business relationships. However, a large number of these delegates said they were often ignored when they had a male colleague around as they were mistaken for a receptionist or assistant when approached (even those who held a higher position in their companies than their male colleagues!).

Our BearingNet members seem to take equality in the work place very seriously with more and more women now working in the industry.

Christina Speiser, PEER, holds a Bachelors degree in Media Studies and Customer Management, a Masters in International Marketing and Communications and can also speak Chinese! She has always wanted to work for a technological company and started working at PEER seven months ago. She enjoys the

modern management style that they have adopted with regards to equality of their workforce, with over 1/3 of staff being female. The same also applies for Amanda Ni, Changzou Mouette Machinery Co Ltd in China, where the majority of employees in the office is actually female. Not only do women do the sales and marketing of bearings in China but the numbers of women getting involved in the technicalities, such as inspection and manufacturing of bearings, is also increasing. Both Christina and Amanda would encourage women to work in a technical industry and their advice is to know what you are talking about, know the product's basic knowledge. It's a very interesting industry!

There is scientific evidence that men and women's brains work in different ways. A recent study evaluated reactions and brain patterns finding that men had stronger links between coordinated actions and perceptions whereas women's brains



showed more rationality and planning. Carol Poelma from Bega Special Tools in the Netherlands, believes this study is correct.

"It is advantageous to be a woman in this industry. My advice is to get stuck into it, especially with the technical training if you have the opportunity. We communicate differently from men, we're understood in a different way and I think this is a good thing!"

Carol trained as a high level secretary in Amsterdam and started working for husband Frank's family business 25 years ago, running the marketing and PR, she was the first woman to work for the business which now has five female employees.

A lot of women working in STEM companies have spoken about the difficulties that they have had to overcome when working in these industries, where specific jobs were defined as "male" with no encouragement for women to be introduced. For these reasons parents and teachers are being encouraged to discuss work places as gender neutral so the stigma of dirty and gritty engineering jobs is removed and they are taken for what they are now, professional careers.

Two women that have collectively worked in the bearing industry for 46 years are Louise Foster and Susan Rudd from George Lodge and Sons in the UK.

"I wanted to turn around and leave!"

- Maria Romero, Carter Manufacturing Ltd

Susan started working at George Lodge 30 years ago as an office junior with the help of her feisty boss Diane Baker. After 20 years Susan became the Business Sales Manager at the company and her product knowledge has increased in that time too. Louise has been the Purchasing Manager at George Lodge for six years. Both women agreed that they have had to deal with challenges such as being mistaken as the receptionist on the phone to clients but believe they have been overcome. Their advice to women is "to get your hands on the product, don't sit behind the computer screen...have confidence in yourself!" Both Paola Lorini and Marcella Piccini from Cantoni Cuscinetti also agree that "women must learn bearings in order to be taken seriously in a generally male industry."

Though there is still a large gap in the ratio of women to men in STEM careers it is good to see that the gap is starting to decrease with the number of women working in the bearing and power transmission industries rising.

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WÄRMESYSTEME TECHNOLOGIE

LOG IN:

email:

password:

BearingNet's New ManEx Channel

By Nicola Beer



"Our intention is always to help our distributors to trade better. The ManEx channel will keep distributors up to date, and help them to find new suppliers and products. The core search and inquiry functions on BearingNet remain exclusively for distributors.

- Peter Annis, BearingNet Founder & Managing Director

"Our mission is to provide Bearing and Power Transmission professionals with a global trade e-marketplace. We aim to give our customers the ability to trade internationally and to make better informed decisions by being connected to a network of like-minded people."

BearingNet has been working with Bearing and PT distributors around the world since 1997 and has grown to become not only the world's largest dedicated Bearing and PT B2B market place, but also a key digital marketing and social media channel for all Bearing and PT professionals. This position gives our customers the opportunity for greater exposure anywhere in the world.

In 2013 BearingNet introduced the Manufacturers Showcase at the Rome User Meeting which was well received by both distributors and manufacturers. This was followed last year with Showcases at the Atlanta and Riga User Meetings. The Showcase enables manufacturers to promote their company and products directly to an audience of Bearing and PT distributors – an ideal way to get your brands noticed and to find new distributor partners.

Peter Schroth from Auburn Bearing & Manufacturing said: "The meeting in Atlanta was a great opportunity for us to meet both distributors we already know and many new to us. It would have been impossible for us to meet so many people in the bearing industry any other way"

As a result of this positive feedback and

the successful interaction, BearingNet has been developing relationships with selected manufacturers.

December 2014 saw the launch of a new "ManEx" (Manufacturer's Exchange) channel on BearingNet.

ManEx will provide an integrated digital marketing channel to give manufacturers the ability to connect with the distributors across multiple platforms.

The channel has been designed for manufacturers to promote their brands, advertise for new partners in specific regions and provide education about their products to the BearingNet distributors.

The ManEx tool kit includes:

- * Tailored Company and Product Profiles by country, region, or language
- * Supporting banner advertising which drives traffic to the Promo Page
- * Social Media integration and support using LinkedIn and Twitter to reinforce key messages and develop your brand
- * Digital Newsletter production and distribution
- * Access to our extensive email marketing lists and expertise
- * Unique face to face marketing with distributor companies at our international manufacturers showcase events

Internet advertising campaigns in the form of banner advertising on the world's busiest PT e-market-place and targeted email marketing allows Manex members to reach the leading global distributors.

Social Media, including a unique company profile page, posting articles on our news site and getting their very own Manufacturers Twitter feed will all help to tell a story. This will all provide instant feedback allowing manufacturers to see at a glance the strength and impact of their campaigns.

The digital medium also means messages can be adapted and changed throughout the year to reflect changing priorities. Manex offers a full years marketing directly at the distribution channel for less than the cost of a 1 page single issue advert in a trade magazine.

Morris Lubricants were the first company to take advantage of ManEx and have already generated positive leads from it. We now also have manufacturers of Automotive Bearings, Ceramic Bearings, Bearing Housings and Tools represented.



If you would like more information about our Manex Channel and how it could help your business, contact NicolaB@bearingnet.net

Morris Lubricants - A ManEx Member

By Nicola Beer



Morris Lubricants were the first company to join the new BearingNet ManEx

Why did Morris think Manex would help them?

Morris Lubricants are seeking to expand their highly successful international distribution network primarily within the industrial market place. They would like to hear and discuss possible distribution partnership opportunities with companies that feel their range of products would benefit existing product portfolios.

Who is Morris and what do they do?

With a proud heritage dating back to 1869, we are one of the largest privately owned manufacturers of high quality lubricants in Europe. Over the past 140 years, we've developed a global reputation for delivering the highest quality products and services across a range of sectors in over 70 countries worldwide.

Morris Lubricants industrial product range includes:

- Greases
- Maintenance Aerosols
- Industrial Gear Oil
- Hydraulic Oils

- Compressor Oils
- Corrosion Preventatives Heat Transfer Oils
- Slideway Lubricants
- Machine Oils
- Neat Cutting Oils
- Hygiene & Cleaning Products

The product range also covers the following applications: Agriculture, Automotive, Commercial Vehicle, Motorcycle, Rail, Marine, Off-Highway and Power Generation.

Talk to Morris...

Feel free to contact Morris for a no-obligation discussion on your current lubricant requirements or to discuss the potential of adding a range of world-class lubricants to your existing portfolio. Whatever your requirements, they can assist you with developing lubricant sales within your market. For a brochure or an initial discussion please contact: Stephen Dawe, International Business Director

Email: sdawe@morris-lubricants.co.uk
Tel: +44 1743 237 510
Mobile: +44 7860 287 657



Leaders in industrial lubricants

As one of Europe's leading manufacturers of industrial lubricants we have been delivering lubricant innovation for over 140 years. We're constantly striving to develop the next generation of products that not only meet, but far exceed, our clients' expectations. Our highly-skilled, expert team works in close collaboration with the world's major industrial machinery and component OEMs to ensure that our manufacturer-approved range of products continues to meet the very latest and most stringent of global standards.



The Bradley Timepiece

E-one Time has come up with a new and innovative timepiece for the visually impaired – the Bradley Timepiece.



Prior to the designing of the Bradley, there were two alternatives for the blind to tell the time. The first, a watch that tells the time out loud.

You could hold down a button and hold the watch to your ear, then it would subtly tell you the time; however, this came with many social problems for the user. Jeffrey Drucker, visually impaired, says, "Blind people want to be able to check the time without having the whole world know that we're checking the time." There were also problems when in busy situations, such as, in a subway station it was difficult to hear the voice, making the user feel lost and not know what the time is.

The second alternative is an analogue watch which allows the user to lift the glass face and feel the time; this often proved inaccurate information as the hands would move too much. "Current solutions fall behind the blind's needs" said E-one Time.

Together, Project Dots and Universal design created a watch to appeal to all, no matter their sight ability, making day-to-day life

possible without drawing attention to their disability. The designer, Hyungsoo Kim, CEO E-one Time, Washington, says, "I designed the timepiece while studying at MIT, this is a timepiece not a watch. You don't have to watch this to tell the time."

The timepiece has gently protruding markings indicating numbers, with 2 magnetic ball bearings that denote the hours and minutes of the day by moving around the timepiece. The watch works by touch, you can feel the titanium surface and the location of the two ball bearings. The outside ball tells hours, the inside – minutes, and both are connected to magnets underneath, meaning if the balls are moved out of place, they will always return to where they should be!

The watch was designed with the needs for the visually impaired but also to appeal to those who can see. Checking the time can often be embarrassing or seen as rude. Hyungsoo said, "The Bradley is also great

for when in meetings, interviews, classroom, dinner with the in-laws when you want to check the time, without appearing rude and looking at a watch"



The E-one watch was named 'The Bradley Timepiece' after US Paralympian Bradley Snyder. Bradley, 30, was serving in the US Navy in Afghanistan when he lost his vision in an IED explosion, a home-made bomb made and deployed in a non-conventional way. After losing his vision Bradley said, "I'm going to show people that I'm not going to let this beat me. I'm not going to let blindness build a brick wall around me. I am going to find a way forward." And he did!

The Bradley Timepiece went on sale in the US in May at around \$275 and should soon be available to buy in the UK and Europe.

Because telling time shouldn't require sight!



GERMANY

IDC Germany GmbH along with the brand name IDC stands for flexibility and innovation as well as customer oriented thinking and quality driven processes.

Meeting demanding customer requirements by technological know how and realizing them through high technical production processes form the major philosophy of IDC Germany GmbH.

The company is established and located nearby the traditional bearing manufacturing city of Herzogenaurach.

Production proudly MADE IN GERMANY





Hayley Group PLC newly authorised distributor for NSK and RHP Products



Hayley Group PLC, one of the UK's fastest growing engineering inventory suppliers, are pleased to announce it is now an Authorised Distributor for NSK, supplying both NSK and RHP branded bearings as part of its growth plans. The partnership will enable Hayley to offer the full range of NSK and RHP products and services including a complete range of bearings and NSK's Value Added Programme, AIP. Technical support on NSK and RHP bearings is available via Hayley's own bearing experts, as well as via NSK's UK based sales and engineering team.

The Authorised Distributorship is a significant development for both companies, as Hayley can now offer a full range of NSK and RHP bearings

"We are excited that NSK has chosen to give Hayley Authorised UK Distributorship of their products. Bearings are the building blocks of Hayley Group and to have such a high quality, world-renowned bearings manufacturer added to our list of suppliers only makes Hayley Group stand out from its competitors even more"

- Lee Willitts, Managing Director of Hayley Group

to their customers, and NSK will enjoy increased market exposure through the efforts of the Hayley sales team.

Lee Willitts, Managing Director of Hayley Group says "We're confident that the partnership will be fruitful

and that it will bring big benefits for all parties, particularly our customers, who will reap the benefits of yet more quality bearing products at their fingertips, competitive prices and superb expert support."

Brian Picker, UK Territory Manager of NSK also added:

"We're delighted to have entered into this agreement with Hayley Group, a company that is, like NSK, dynamic, innovative and committed to both technical excellence and customer service. We're looking forward to a long and successful relationship."

For further information
Kari Askeland
Communications Manager
+44 (0) 7841 497 862

Bartlett Bearing #THROWBACK

Take a look at this #Throwback - here we have Bartlett Bearing and their team – Bartlett Bearing Company Inc. has been a BearingNet member since 2000.

These photos were from an open house at Bartlett's previous location in Philadelphia, 20 years ago!!

About Bartlett Bearing

Bartlett Bearing was started in 1951 by Tom Bartlett as a family run business with the help of his daughter Gayle Musser and her husband Larry. More of Gayle's siblings are now involved in the running of Bartlett including Tom Bartlett Jr, Sandy Limeburner, Julie Christine and Sarah Musser, Gayle's daughter.

Bartlett has five facilities located east of the Mississippi specialising in servicing over 1,000 electro mechanical repair facilities. As a company focused on a particular customer base, with all our resources focused on our customers, inventory, service, technical support and of course competitive market attitude, it is nice to know Bartlett Bearing is the best in the industry we service, recognised by our customers, peers and manufacturers, said Bill Potts.

"My job at Bartlett is very rewarding. One of the benefits of working at Bartlett is being surrounded by great staff, with centuries of experience. BearingNet has been a great asset."

Bartlett's customer base includes over 2000 customers nationally and their on-the-shelf inventory is unsurpassed. Stocking a variety of quality products at competitive pricing gives Bartlett the advantage over the competition. Their continued success over the past 60 years can be attributed to the key components of Bartlett as a business:

- Top quality products at competitive prices
- Experienced, knowledgeable staff
- Innovative solutions
- A wealth of valuable information for clients
- Incomparable personal service
- Authorised distributor for leading manufacturers



1st. Vic McDevitt & Joe Jackson Sr (Vic Jr is now our mid-west USA sales manager and Joe Sr is our director of purchasing and inventory management)



2nd. Vic McDevitt, VP of sales



3rd. Bill Potts and his daughter



New Additions to the NBC Slewing Ring and Slewing Drive Range

NBC Group Ltd is a leading UK bearing and power transmission components distributor based in Shropshire, England.



The QCB brand, exclusive to NBC Group,

includes a standard range of slewing rings interchangeable with other brands, as well as special bearings designed to suit specific customer applications using state of the art software backed by years of experience. The range covers bearings of all styles (including split slewing rings and high gear torque units for winches) and diameters up to 8 000mm in metric and imperial dimensions.

The stock range has recently been extended to cover crossed roller light series units for increased load stability and a broader range double row ball bearing units suited to applications with high overturning moment loads.



QCB slewing drives combine a slewing



The slewing drive range has recently been extended to increase the available load torque

(WGWEA Series), as well as designs specifically adapted to be used on high load modular transporters or straddle carriers (WGHSE Series).

NBC Group can also offer electric or hydraulic drive systems with properly matched pinions if required.



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MTM BEARINGS

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MTM Bearings is a brand that has existed on the Polish market since 2003. The production of MTM trademarked bearings is commissioned exclusively to ISO 9001, ISO 9002, ISO 9001:2000 certified manufacturers.

Over 10 years of presence on the market has translated into durable relationship with clients who trust us in their distribution and retail of bearings. Our contractors are not only located in Poland but in the Czech Republic, Slovakia, Hungary, Romania, Croatia, Ukraine, Ireland, Germany, Italy and Portugal among others.

Our offer includes ball bearings, tapered roller bearings, spherical bearings and also bearing units and drive technology. Currently we have been undertaking further expansion of offered ranges and increasing levels of stock. In 2015 the offer has included a choice of crosses.

www.lozyskamtm.pl



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Georg Schaeffler makes Forbes billionaires list

The Forbes Billionaires List is just that; a list of the richest people on this planet, and Georg Schaeffler has made it to number 21 and is number 1 in Germany.

Schaeffler Group (Schaeffler Gruppe) is one of the world's largest producers of roller bearings and machine components. Although in the Forbes List it is said he made his billions through ball bearings, but we won't get into semantics here.



In 1946 brothers Wilhelm and Georg Schaeffler founded the company and by 1949 Georg had developed the needle roller cage, making the needle roller bearing a reliable component for industrial applications.

Over the years Schaeffler grew and expanded, taking over LuK GmbH in 1999 and FAG Kugelfischer in 2002, forming Schaeffler Group. Then in 2008 the company had its eyes on another, big acquisition; Continental AG. It cost them \$15 billion and was a debt-financed takeover of the tyre and auto parts company.

It looked like this acquisition would be too much for Schaeffler Group when the international financial crisis hit. Continental's sales and price plummeted, forcing the Schaeffler's into debt restructuring negotiations with creditors.

After a Continental rights offering to raise capital and some debt refinancing, the Schaeffler's owned 49.9% of Continental. Since then the market has

once again grown and they've continued to pay down the debt with share sales and excess cash flow. Since Continental shares plummeted in 2009, their price has risen 18-fold.

Now Maria and Georg, through Schaeffler Group, own 46% of Continental, a stake worth nearly \$17 billion.

Since joining the company in 2009, Georg has become head of the supervisory board of Schaeffler Group and a member of the supervisory board of Continental AG. Only last year he was ranked as number 71 in the Forbes List; he is now the richest German and Schaeffler Group have revenues of \$15.4 billion in 2013. It employs 80,000 people in 170 locations in 49 countries.

SCHAEFFLER

IDC-USA... 70 preferred suppliers and still growing fast

For over 27 years, IDC-USA, a distributor-owned purchasing and marketing cooperative, has been connecting independent distributors to supplier partners in the bearing and power transmission industry. IDC-USA has more than 280 IDC Distributor locations nationwide and is partnered with more than 70 preferred suppliers and that number is growing fast.

Just in the last six months, three more independent distributors recognized the value of joining IDC-USA: BK Industrial Solutions of Beaumont, TX, Ag Chains Plus in the heart of Oregon's farming country and Anderson-Crane headquartered in Minneapolis, MN in addition to its four branches in surrounding cities.

All three organizations were looking for the access to products and greater purchasing power IDC-USA provides.



Looking for greater market share, Telco Sensors and Scheerer Bearing recently became the newest IDC Preferred Suppliers. When asked about these new partners, Jack Bailey, IDC President and CEO, stated, "We want to give IDC Distributors every opportunity possible to succeed. Both suppliers offer distinct services and expertise that will continue to push this cooperative in a positive direction."

"The power of the cooperative business model is demonstrated through improved returns, reduced costs, enhanced business practices and continued growth. IDC-USA's purpose is to empower independent distributors and preferred suppliers to thrive within a free enterprise system. Their success fuels our mission."

Featured Apps

By Lee Pearson



The SKF Bearing calculator is a simple to use app for bearing selection and calculation. Bearing searches are available based on designation and key parameters such as dimension. Wizard-style application data input is easy to use, and the results are clearly presented. Several calculation programs are available.



Mechanical Engineer is the perfect app for mechanical engineers or engineering students. It contains over 300 important formulas, over 300 conversion formulas as well as 70 area formulas. The app covers Actuators, Bearings, Belts, Boiler, Brakes, Clutches, Elevators, Gears, Fluid Power, Heat Transfer, Internal Combustion, Kinetic Energy, Metalworking, Plates, Plumbs, Power Plants, Refrigeration, Shafts Springs and Vehicle Drive. All formulas can be saved and you can access recent or favourite formulas.



Could this be the biggest bearing...ever?

By Molly Vaughan



Messinger Bearings, a Kingsbury brand, have been BearingNet members since 2003. They are known for their HUGE bearings, so we interviewed them...



An Interview with Vince Candello, Messinger Bearings, Kingsbury Inc.

Do you know what the biggest bearing ever made was??

To my knowledge it was approx. 20 feet

What was the biggest bearing Messinger ever made?

The largest bearing we have manufactured was 18 feet in diameter! We have the largest capability in North America to manufacture up to 25 feet in diameter.

How do you ship a bearing of that size and how do you move them around??

We ship our bearings typically on a flatbed truck and mount it to an "A" frame standing upright, with police escorts to where we ship the bearing.

What sort of price does a 18-25 ft. bearing sell for?

All depends which features you need with the type of bearing you are looking for. Could be \$100,000 or could be \$300,000 depending on your needs.

What sort of things do your bearings go into?

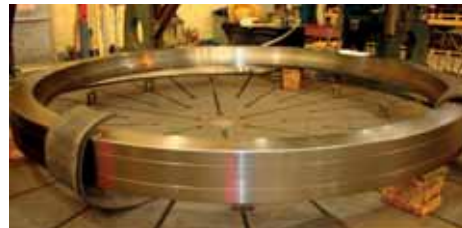
Typically applications for these large bearings include: Steel mills, Draglines, Cranes, Tunnel boring machines, Large Antenna's.

How long you have been with Messinger and what is your role there?

I started with Messinger in 2006 coming from the Timken Company as a territorial account representative. I have taken on the role as Technical inside sales with Messinger's custom product line. Very different from your typical bearings that you would sell off the shelf. I have recently been promoted to Senior Purchasing Agent for Messinger/Kingsbury.

Testimonial of Messinger Bearings from Constellation Wines, U.S., Canandaigua Winery

"Messinger, over the course of just two weeks, took a large bearing that was literally trashed and rebuilt the unit. As the unit was of foreign make, no drawings could be provided. Messinger ground new bearing races, cleaned the entire assembly, and installed a full complement of oversized rolling elements. The bearing was express shipped back to New York and the Winery was back in full operation and ready to meet holiday orders. Messinger Bearings prompt and professional attention to this critical component is greatly appreciated by all of us here at the Canandaigua Winery." Charles Meyn.



About Messinger Bearings, Kingsbury Inc.

In 2004, the well-respected Messinger line of bearings, including ball bearings, radial roller bearings and axial roller bearings, became part of Kingsbury – the leader in hydrodynamic bearing technology.

Equipment applications for Messinger rolling element bearings include the rock crushing, mining, steel making, pulp & paper, tunnel boring, beverage bottling, coal pulverizing, and government/defense industries.

Messinger Bearings have been the first choice for many different large-scale OEM applications over the years and are often specified as reliable replacement bearings. That's because few other rolling element manufacturers have the depth of expertise or the large machining and turning capabilities that they have.

No matter what size or type of Messinger rolling element bearings you choose, you can expect a quick response, unparalleled application support and timely delivery, not to mention comprehensive bearing repair and maintenance services.



Bearing Warehouse goes International

Bearing Warehouse Ltd, one of the UK's leading industrial suppliers of bearings, bearing housings, loose balls, loose rollers and transmission products is proud to announce the opening of a new European branch to bring an even better service to our Eurozone customers..

The opening of this new Bearing Warehouse branch in Dublin is an important step in our expansion plans for 2015 and beyond.

Bearing Warehouse is a leading supplier of bearings, bearing housings, loose balls, loose rollers and transmission products, particularly for the industrial and agricultural sectors, and we now intend to bring our massive stocks of these products and our unrivalled customer service to bear in the Irish market and beyond.

The announcement of this new branch is the first of many important changes for the company in our efforts to best serve our fantastic customers in the UK and overseas.



SMB Bearings relubrication facility allows Royal Navy to breathe more easily



A specialist manufacturing company approached SMB Bearings with a lubrication problem. They were using single and double row shielded and sealed bearings in pumps that were part of air purification systems for submarines. Unfortunately, the presence of acetone around the equipment meant that the test pumps were only lasting a couple of weeks.



When the bearings were removed from the pumps for analysis, there was no grease left in them.

The company asked the bearing manufacturer about a change of lubricant but the quantities were not large so only the standard grease was possible. They then approached SMB Bearings for help.

"We suggested that the company supply the standard bearings to us for cleaning and relubrication with one of the many solvent resistant greases we keep in stock. Two weeks later, we had cleaned and relubricated the bearings with the specialist grease and returned them to the customer. Some of the bearings had non-removable shields but with our unique system for relubricating bearings without removing the shields, this did not present a problem."

The small quantities and the specialist nature of the problem is what SMB Bearings deal with every week on behalf of customers all over the

world. The end result with this particular customer is that, months later, the bearings are still running normally.



Fröhlich & Dörken GmbH #Throwback

Take a look at this #Throwback!!

A very young looking Dennis and Alex from Fröhlich & Dörken GmbH (Happy Bearing) 15 years ago!!

Happy Bearing have been members of BearingNet since 1998 and always attend the User Meetings and are often Premium Sponsors at the European User Meetings.

The company Fröhlich & Dörken was established in 1945. As a long standing contractual partner of known brands they have decades of experience with their product ranges. Visit their very cool website

www.Happy-bearing.de

You can get direct access to our online shop here, you can quickly and easily access our large range of original bearings, brands like NSK, SKF, FAG, INA as well as their exclusive brand for technical trading called "Happy-Bearing." We are very strong in super precision bearings. Check our stock and our very competitive prices on our online shop.

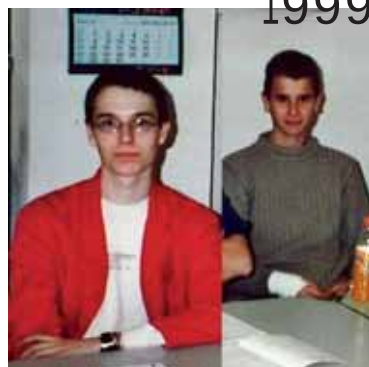
Fröhlich & Dörken participated in the BearingNet User Meeting Riga 2014 as a Premium Sponsor, and we look forward to seeing everyone at the next User Meeting in Miami Florida 11-13 June 2015!!

"We can't live without BearingNet"

- Ismael Klein



Happy-Bearing to you!



R&M Bearings donate ceramic bearings to the Coxless Crew

By Molly Vaughan



In January of this year, R&M Bearings were approached by the Coxless Crew with a problem. The Coxless Crew are a team of 4 women attempting a world first by rowing 8,446 miles unsupported across the Pacific Ocean from San Francisco, USA, to Cairns, Australia, starting in April 2015.

The women are aiming to not only raise over a quarter of a million pounds for Walking with the Wounded, and Breast Cancer Care, but also to set 3 World Records!

1. First all female team to row the Pacific Ocean
2. First team of 4 to row the Pacific Ocean
3. Fastest Pacific Ocean row

The ladies will take it in turns to row 2 hours on, 2 hours off on their 6 month – 8,446 mile journey. Their sliding seats run on wheels and they had to give a lot of thought to the best way to prevent breakages and problems to the wheels caused by the extensive use and constant exposure to salt water. After being advised that the implementation of full ceramic 608 bearings would be the best way of ensuring the reliability of their seat wheels, they contacted R&M Bearings, a bearing and power transmission supplier based in Scotland and BearingNet member since 1997.

"We simply cannot afford for our seat wheels to fail us – we need them to

withstand hard saltwater exposure and repetitive use and to go the full distance. We spent a lot of time researching the best quality bearings



"We are delighted that R&M Bearings have offered their support and are very fortunate to have them aboard."

- Isabel, The Coxless Crew

for our seat wheels and found R&M Bearings' ceramic bearings. We are delighted that R&M Bearings have offered their support and are very fortunate to have them aboard."

After receiving the email, Stephen Martin, Managing Director of R&M Bearings, quickly had the bearings sent to the Coxless Crew, who fitted the wheels before shipping their boat on the 19th of February.

The Coxless Crew Journey

The Pacific Ocean is the world's largest ocean, bounded by Australia in the

west and the Americas in the east. At 64 million square miles, it covers one-third of Earth's total surface area.

The row across the Pacific will be an unsupported 3 stage row starting in San Francisco, California and finishing in Cairns, Australia. Stops will be made in Hawaii and Samoa and the entire expedition will cover 8,446 miles and take 5 to 6 months (weather dependent)!

Stops will last for approximately 7 days at a time to restock the boat, repair and replenish supplies and for the team to share their story with the local, national and international media.

This route has only ever been completed by solo and pairs teams, never has it been done by a team of 4 and never has it been done as a continuous 3 stage row.

You can donate to the cause and 'Buy a Mile' at www.coxlesscrew.com/buy-a-mile

Featured App - Schaeffler Motorsports Quartets

By Lee Pearson



It's Top Trumps for motorsport on your smartphone! Battle against other players with your knowledge of technical data and collect their cards! You can play over 15, 20, or 25 rounds; or you can battle for all cards! The virtual opponent can be set to easy, normal or difficult modes.



Visit us at **Hannover Messe**
Hall 22 - stand C01



Motion Industries Acquires Miller Bearings

Number nine on Industrial Distribution's 2014 Big 50 list, Motion Industries has agreed to acquire Florida based Miller Bearings. This is effective from the 15th January 2015 for the first quarter of 2015.



Miller Bearings has been a BearingNet member since 2005 and is an independent distributor in Florida for MRO products. This includes bearings, power transmission products, fluid power, electrical and automation components and safety and industrial supplies. They have been in business for 67 years and employs more than 130 people.

Motion Industries is a wholly owned subsidiary of Genuine Parts Co. and have been a BearingNet member since 1997! They distribute industrial replacement parts and related supplies such as bearings, mechanical and electrical power transmission, industrial automation, hose, hydraulic and pneumatic components, industrial supplies and material handling



products to MRO and OEM customers throughout the US, Canada and Mexico.

"We are very excited to become part of Motion Industries and the opportunities for growth that will be available to our talented team."

- Company president and CEO William Bieberbach, Miller Bearings

"The addition of Miller Bearings better positions Motion Industries for continued growth in the Southeast. We want to welcome all of the Miller Bearings employees to the Motion family and we look forward to the contributions they will make to our Company in the years ahead."

- President and CEO of Motion Industries, Tim Breen

BearingNet present new Bolt-Ons

By Chris Howard



update it regularly with new messages or special offers – we can even arrange to display different pages to users in different countries or regions. You can include photos and messages from your key sales or purchasing staff, or upload your product catalogues. Give your marketing department free reign!! Our dedicated staff will help you through the whole design and implementation process.

Web Shop Link:

Have you got, or are you thinking about getting, a webshop? If so we can help you make the most of it by providing a link directly from the BearingNet search results page. By using this link buyers can view your product and pricing information and order the products they want instantly – saving you time in responding to all those RFQ's!

RFQ Part	Brand	Qty	Type	Company
Results from your region				
3304 A	SKF	4		Picant GmbH & Co. KG
3304 A	SKF	20		Bilchmann Wälzlager Import-Export GmbH
3304A	FAG	7		ABF Bearings B.V.
3304A	SKF	2		INAH Import-Export b.v.
3304 A	SKF	1		Wika Sp. z o.o.
3304 A	SKF/SWE	1		NBC Group Ltd
3304A	SKF	3		Acorn Industrial Services Ltd
Bearings				
3304 A	SKF	7		Heinz Krust GmbH
SCHRÄGKUGELLAGER				
3304 A	SKF	5		GOI Hungary Kft.
BEARINGS				
3304 A	SKF	1		Bearing Source - Engineering Inventory Services Ltd
3304 A	FAG	1		Industrial Power Distribution Ltd
3304 A	NTN	5		Express-M Ltd
3304A	SKF	42		Bandini Cuscinetti srl
3304 A	GPZ	1		Dornier Ltd
Bearing				
3304 A	SKF	3		Zdenek Hradecky

Since starting in 1996 our main focus has been to make BearingNet the world's No.1 B2B website for Bearing and Power Transmission distributors. After 18 years we are proud to count all the major bearing distributors worldwide as our customers.

But we are not complacent. We are always looking to improve our service and to make BearingNet even better value for our customers. You have told us that while BearingNet is a great resource for finding, buying or selling the parts you want, you need more. You want to be able to distinguish between companies by finding out more about them and you want to sell better and faster. We have therefore come up with a number of optional Bolt-On products which we believe will help our customers achieve these objectives:

Authorised:

Distributors can now upload and display up to 20 of their authorised brands. Companies with authorised status will be identified by our authorised indicator on the search results page. This has enabled

us to improve the brand lists for each company so that our customers will be able to easily find and clearly see who is authorised by which manufacturer. We hope this will enable customers to enhance their company identities and help our members needing to find specific authorised distributors.

Promo Package:

Our new Promo Package combines two banner adverts along with a new Promo Page.

The banner adverts are your brand recognition and appear on all pages throughout BearingNet. The Promo Page which is in addition to your current company details page is a full HTML page which gives your company some unique branding amongst the 1800 members on BearingNet.

We know you are not all the same – you sell different products, into different markets. Well now you can express your individuality with your Promo Page. This page can be designed to reflect your unique company branding – you can

For more information about any of our Bolt-on products, contact chris@bearingnet.net. He's waiting to hear from you!

BearingNet: New member of staff

Chris Howard

Chris is our new Sales and Marketing Executive. Chris' key roles will be working with our ManEx channel and the BearingNet Bolt-Ons.

You may recognise Chris, he worked with us five years ago during his placement year at University.

If you have any questions regarding ManEx, Webshop Bolt-on, Authorised Bolt-on or the Promo Package please contact Chris.

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ABF Opens New Webshop for Electric Motors

The ABF Group has launched a new webshop for electric motors: webshop.abfmotors.com. The electric motors are sold through the new subsidiary: ABF Motors.

"In its 25-year existence, ABF Bearings has grown into one of the most important wholesalers of (ball) bearings and accessories worldwide. We are now using the experience that we have accumulated with ABF Bearings to benefit our subsidiary. ABF Motors is specialised in electric motors, but with the same philosophy as ABF Bearings: sent on the same day, with a large own stock, qualified staff and a user-friendly webshop," according to Quirijn Fabrie, owner of the ABF Group.

Ben van Oosterhout, managing director ABF Motors adds, "We see that our customers want to save costs by reducing their stock. The entire process must be 'lean-and-mean'. We support this strategy in our own way. End users still demand fast delivery. This is why we believe that the market needs a company that dares to invest in a large own stock of technical products such as bearings or electric motors. The fact that all orders are sent from own stock on the same day means that our customers can still meet the expectations of the end users. At the same time, our customers can reduce their stock and save costs. This has been a successful strategy for bearings. And we expect that this will also be the



case for electric motors" ABF Motors supplies electric motors of well known brands Siemens, ABB and WEG via its webshop. Besides these top brands, customers can also choose more economic alternatives. "Despite the fact that ABF Bearings and ABF Motors are two different companies, customers can use the same log-in for both our bearings and electric motors webshops," explains Ben van Oosterhout "ABF Motors just started, but already we offer electric motors at very competitive prices. And directly from stock!"

About the ABF Group

ABF Bearings and ABF Motors are part of the ABF Group. ABF Bearings is one of the leading bearing wholesalers in the world. With over 300,000 bearing references ABF Bearings is one of the largest stockists in Western-Europe. ABF Bearings supplies thousands of companies worldwide with the philosophy: guaranteed same day shipment, large own stock, skilled employees and a user-friendly web shop. The offices and central warehouses of the ABF Group are located in Roosendaal, The Netherlands.

ABF were one of the first BearingNet Users to add the Webshop Bolt-On to their BearingNet pages. You can now access their Webshop from the search results screen.



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info@hecht-hkw.de

HECHT
KUGELLAGER

NKE Austria awarded "Hidden Champion 3.0"

NKE Austria GmbH has been awarded "Hidden Champion 3.0". The ceremony took place at the Austrian Export Day of the Austrian Chamber of Commerce in Vienna on 24 June 2014.



The famous export prize is awarded to companies which render outstanding achievements in the Austrian export business. The certificate was presented to Mr. Rudolf Pirklbauer, Head of Key Account Management with NKE, by Dr. Christoph Leitl, president of the Austrian Chamber of

Commerce.

"All awarded companies are role models for others and demonstrate how new markets can be developed and potentials used," said Dr. Leitl. Beside strong business performance, the selection criteria for the award include sustainable business development.

"During the last 20 years we have matured from a start-up to a successful medium-sized export company. In addition to a fair customer relationship, professionalism, customer orientation and a high-quality service level, we consider a well-established relationship to our distribution partners as very important," explains Rudolf Pirklbauer, who accepted the prize for NKE. "We see this award as acknowledgement of the achievements of our 150 employees, and as encouragement to make our organisation even more efficient and continuously improve our information management."

NKE Austria GmbH is a bearing manufacturer with headquarters in



Steyr, Austria. The company with about 150 employees was founded in 1996 by a group of senior staff members of former company Steyr Wälzlager. NKE produces standard and special bearings for all industrial applications. Engineering, product development, production and final processing of components, modular assembly, quality assurance, logistics, sales and marketing – are centralised at NKE's headquarters in Steyr, Austria. The factory in Steyr is certified to ISO 9001:2008, ISO 14001:2004 and OHSAS 18001. Its wide range of standard bearings is available from stock or at short production lead-times.

NKE also provides tailored products and solutions. In addition to product development and application engineering NKE provides a full range of technical, consulting, documentation and training services.

NKE's products are distributed through 15 international representative offices and more than 240 distribution outlets in 60 countries.

Survival – George Lodge – the UK's worst tidal surge in 60 years hits premises of George Lodge & Sons Ltd

George Lodge began distributing bearings in the 1920's when it became an authorised distributor for the Ransome & Marles Bearing Company. This association still exists today as an authorised distributor for NSK Bearings who acquired the companies of Ransome & Marles and Hoffman & Pollard (RHP) in the 1990s.

On December 5th 2013, the George Lodge & Sons site, situated on the edge of Hull's Albert Dock was the victim of a devastating tidal surge as a result of days of torrential rain and storm-force gales over the nearby North Sea. The extreme weather caused the River Humber's banks to burst which then flooded Albert Dock causing huge surges of water to gush into the surrounding industrial area which included the George Lodge & Sons premises. In a matter of minutes, the building and many others surrounding it were deluged with between 3 and 5ft of flood water. "In our 130 year history, it was the biggest single

incident that we have faced" said Managing Director, Dave Fuller. The immediate effects of the flood in December were the loss of £300,000 worth of stock, uninhabitable offices and no electricity. With no electricity, this effectively meant an almost total shutdown of our operation because we had no IT, telephones, lights or heating. Although our



IT system was fully backed up to a 'cloud' and all data transferred within 24 hours, the only access the company had to the system for the first 3 days of the incident was via the free wifi offered by Costa Coffee on a nearby retail park. This was also a measure of the effectiveness of the BearingNet website as the first order won while working out of Costa Coffee was from an enquiry through BearingNet. The flood hit English Street in

Hull on the evening Thursday 5th December but by Monday 9th December George Lodge & Sons was fully operational, albeit from a make shift office on the 1st floor of the premises with electricity being generated by mobile generators and access to the internet was via dongles. "This almost immediate turnaround was only possible because of the hard work and dedication of our staff and the rapid reaction of our service providers.

Although we were, from the outside, operating normally, there was still an enormous amount of work to be done internally and for just over a year the staff had to cope with working in a 'building site' environment."

Today, with fully renovated offices and a fully stocked warehouse George Lodge & Sons are in tip top form to offer their expertise and quality products from Timken, Koyo and Optibelt to the trade.



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The CIA, the Cold War, Howard Hughes, and the Triple Ring Bearing

By Mitch Bouchard

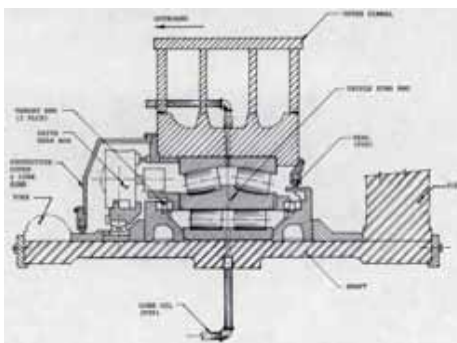


This has got to be one of my favourite bearing-innovation related stories to date. I remember a few years ago my Dad and I came across this story in a magazine (maybe National Geographic) and saw this picture of a humongous triple ring bearing, embedded in a great Cold War covert op story:

The article had a caption that said it was the biggest bearing of its kind ever manufactured. As a bearing geek, I know that's no ordinary bearing! Here's a hand-drawn sketch of this particular application from 1975. Today we see these bearings on deflection compensating rolls in paper mills (this particular design was favoured

When my Dad and I first read the article, we speculated on who might have manufactured this incredible bearing. Surely we could track down someone within our network who knew something about this, right? ... And so began an awkward series of conversations with high ranking bearing gurus and technical bearing geeks the world over (no offense to anyone but I'm sure you know who you are). It probably didn't help that we both couldn't really remember the details of the article, and that all the people involved in Project Azorian were presumably sworn to secrecy (or worse). Above all that, 1968 is almost 50 years ago. Eventually we gave up.

Until now. Through this great thing called the internet, I tripped over the entire story as I was searching for information on triple ring bearings. I even managed to easily track down the patent originally filed in 1971 by SKF. I don't know for sure, but I would think that is some indication of who the manufacturer was.



Amazing how things seem to come around full circle in

the bearing business. Mystery solved Dad.



Slewing Rings bring Shark to life!

You may or may not remember a film in 2011 called Shark Night 3D. It had an animatronic shark that went on the rampage killing college students in a lake. Ok so it wasn't a blockbuster success, but Igus helped bring that shark to life, using their slewing rings.

Of course all animatronic sharks are compared to Spielberg's great white in Jaws, which fans of the film will know didn't always behave or co-operate. Technology since the 70's though has improved considerably, such as the iglide® PRT slewing



rings, making this shark much more technologically advanced than its great grandad.

Slewing ring The iglide® PRT slewing rings use self-lubricating, low-friction

sliding elements in the place of ball bearings, a step forward in the slewing bearing technology. The sliding elements are made from igus®-developed, high-performance plastic called iglide® J, which is completely lubrication and maintenance free. Slewing rings are



often used in stage and set design because of the tough environments. This makes the igus slewing rings the perfect choice for rigorous work on stage, TV, movie or show.

In the film the PRT serves as a swivel mound for the shark, allowing it to rotate as it swims and attacks throughout the movie. The swimming model used for the shark is a monster great white at 9 feet long, 600 pounds and 200 horsepower.

"There's a tiny little tether that

connects it to the power source, but it's all electrically powered with servos. Everything you're putting inside the shark that's heavier than water—the rubber, the motors—wants to make it sink. So you have to make anything you put into the model out of incredibly light materials,

like aluminum and titanium. It's like an aircraft. They're customized, but you're basically pushing a joystick around like you would an RC car. The sharks are kind of big, expensive toys." Walt Conti, Founder and CEO of Edge

Innovations.

It was important to Conti that the movement looked authentic, so the shark had to be even more powerful than the swimmer. The iglide® slewing rings were essential because they launched the robot forward in order to create realistic action in the film.

For more information read the original article here.

Featured Apps- Pocket & LastPass By Lee Pearson



Have you ever come across an article but didn't have enough time to read it? Pocket is an app on your phone that allows you to save an article to read later. It works for all web pages, including BearingNet News; you simply click the Pocket button once installed on your browser, which saves the article in the cloud. Then just before you leave the office, sync your phone and all articles will be available to read, even offline. So that boring train journey home doesn't seem so bad anymore.



Digital security is a big deal. With large hacks and attacks affecting millions of internet users every few months it seems, our passwords need to be increasingly stronger. But creating a strong password and then remembering it can be very difficult. A password manager can help with this, generating passwords and storing them for you. Using one master password (make this super strong) and it will be the only password you need to remember. LastPass is available on your mobile as well as your desktop if you sign up to their premium version.



Timken Expands Aerospace Bearing Repair Facility with Compressor Case Overhaul Services

TIMKEN

The Timken Company received FAA approval to integrate its compressor case overhaul operation in to its state-of-the-art Los Alamitos, Calif., aerospace repair facility on the 17th

February 2015. The facility has been in operation for more than 55 years and has allowed Timken to apply its industry-leading knowledge and technical expertise to mission-critical components that require high-precision repair. The facility inspects and reconditions more than 30,000 main engine, gearbox and APU bearings each year on more than 80 platforms.

Timken will focus its compressor case overhaul expertise on Rolls-Royce M250-C20 engines. These engines are commonly used in the versatile Bell 206 and MD500 helicopters in military and civil applications, including corporate transportation, law enforcement, EMS, offshore oil and gas rig support, fire fighting and forestry.

Stringent quality standards at the Los Alamitos facility are designed to produce precise tolerances and improve overall product integrity. "In today's ultra-competitive aviation market, our customers are

continuously searching for ways to increase value while maintaining quality and safety," said Larry Shiembob, director of Timken aerospace aftermarket.

Compressor case services include overhaul exchange, complete or partial replacement of vane bands, installation of new plastic and plasma spray on worn surfaces as necessary. Part numbers approved for overhaul are 6877410 and 23057142.

Timken serves the global aircraft industry with a variety of aftermarket solutions, including bearing repair and PMA parts replacement, designed to achieve the highest industry standards for performance and availability. The Los Alamitos facility is approved by the FAA, EASA (European Aviation Safety Agency) and CAAC (Civil Aviation Administration of China) and is ISO 9001:2008 compliant.

Timken is widely known for its landing gear technology, which has earned FAA approval for the last 50 years and helps ensure more than 100,000 safe landings per day, worldwide. Additionally, the more than 3.5 million commercial PMA aftermarket parts that Timken has sold have collectively accumulated more than one billion flight hours.

"Our maintenance and overhaul capabilities comply with commercial and military aviation requirements for an increasing range of aircraft engines, components, helicopter drive trains and other systems. And we provide a high degree of precision, quality and craftsmanship that meets our customers' toughest specifications."



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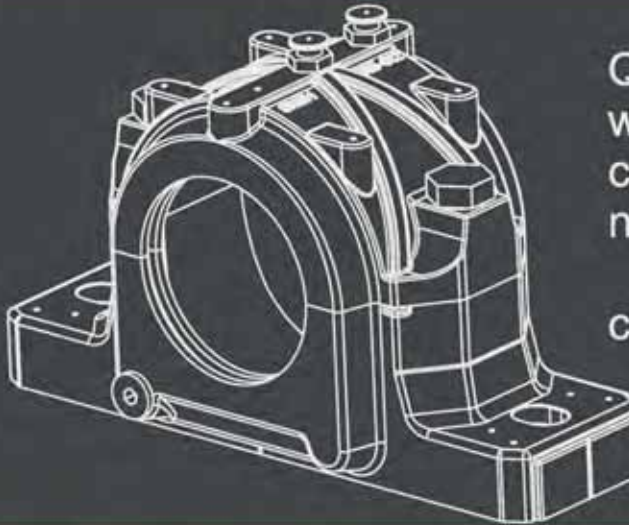
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BearingNet #Throwback

Here we have our very own BearingNet #Throwback

Ever wondered how it all began and where the idea of BearingNet came from?

Keep reading to find out!

By Molly Vaughan



1995

Long ago before the days of the internet the founder of BearingNet John Bass was producing a magazine called "Bearing Exchange" for distributors of bearings in the UK and Europe to advertise their surplus inventory. In 1995 John approached his nephew, Peter Annis, with the idea of taking the print magazine and putting it on the newly invented internet thing!!

At the time Peter was working as a sales representative for a technical company. After realising that John's idea could be something great, Peter approached a colleague at the photocopying machine and pitched the idea to this young technical wizz kid also known as Gary Jenkins. After talking it through they both thought 'why not?!' and Gary agreed to code a programme which would enable bearing distributors to list their Inventory.

After 6 long months of evenings and weekends spent in Peter's basement the BearingNet programme was ready!!!

BearingNet was first tested on five businesses, including Acorn Industrial, Roeco and Australian Bearings.



They were sent floppy discs (Yes! Floppy discs!!) and an information pack on how to install (sometimes unsuccessfully) and use BearingNet. The system worked through a dial up modem in Peter's basement with a simple database full of part numbers where companies could search for the part they needed.

"Without the help of these companies we simply would not have got the business to work. They were essential to our service and we will always owe them a huge debt of gratitude. With a special thanks to Des Spillings, Martin Povey, Eric Baines, John Dykes, Ralph Portaro, Elisabeth Krejcy and Andreas Roegelsperger" Gary Jenkins

Once the trials proved that the business idea was a good one Peter left his job and started to promote BearingNet both through John Bass' magazine and well designed leaflets (see right).



1997

BearingNet goes live!

BearingNet went online in December 1997 and in the first year signed up 8 customers and for the next two and a half years BearingNet continued in the same way.



Left: Coleen, John and Peter in 1997.
Right: Jenny hard at work!
(Look at the size of that computer!!)

1998

BearingNet was growing and many people liked the idea but still didn't have the technical equipment that was needed to operate BearingNet which restricted growth.



2000



The turn of the millennium saw the increase in the use of the internet amongst many businesses including the bearing industry. This meant that BearingNet could do away with their dial-up modems!! BearingNet could now access customers a lot easier and quicker without having to send out software and as the internet grew and developed so did BearingNet!

A lot has happened in the last 15 years...so to summarise:

- 1800+ members
- 80 countries worldwide
- 9 million lines of inventory
- Chinese Channel
- New ManEx Channel
- Industry associate: EPTDA, PTDA and IDC-USA
- 11 successful User Meetings
- Expansion to two offices
- 11 members of staff



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