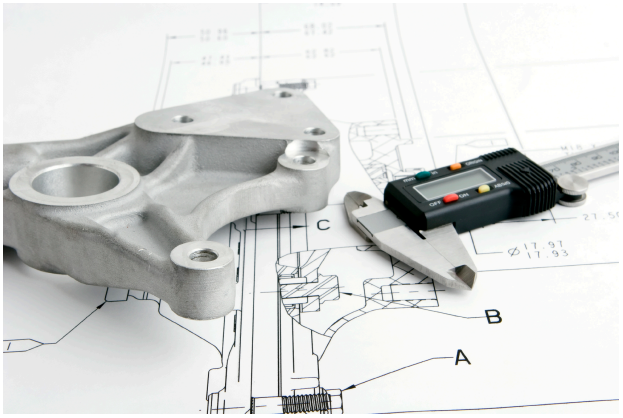
Emerson Bearing

Service. Inventory. Solutions.

NEWSLETTER

April 2013

FOCUS POINT



We cater to OEM and MRO markets around the globe, but we are much more than a bearings supplier. Our bearing experts often consult with product engineers during product research and development.

Recent design innovations where we played a key role in the development of specific bearings for robotics and automation in the health care industry include ErgoNurse®, which is a bed repositioning system that enables medical staff to single-handedly reposition patients without manually lifting them. We've also assisted in the development of a custom, thin, air-frame style bearing for a Boston-based manufacturer of prosthetics.

Product engineers often come to us with a specific bearing need. Our prosthetic manufacturing client required a control bearing which allowed for replication of the movement of the ankle. We developed a thin section bearing that is very precise and able to endure high loads at low speed, in other words, a bearing that supports a human's weight and movement.

Our bearing expertise has also been tapped in the design of the system for the spare tire on the back of Humvee and Hummer models.

Our clients are innovators. They are creating products for the next generation and we're honored to advise them during product development.

We're Here for You

Call Toll-Free: 1-800-225-4587 | Outside the US Call: 617-782-1400 | Fax: 1-800-252-1996

Email: info@EmersonBearing.com | www.EmersonBearing.com

ENGINEERING SEMINARS

One of the services we provide is Engineering Seminars for companies located in the greater Boston area. These Engineering Seminars are held on-site for a company's employees. A senior field service engineer from the factory that we represent educates staff about bearings and related parts. Most recently, we spoke at Schnitzer Northeast in Everett, MA, which is the metals recycling yard, port and regional office of Schnitzer Steel Industries, Inc., a leading global metal recycler.

Our Engineering Seminars are designed to educate clients about bearings and related parts required for their machinery, which manufactures, processes or recycles products.

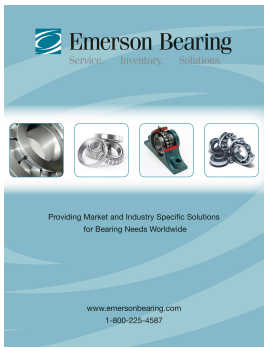
Bearings often operate in unique performance conditions such as dirty and biohazardous environments, extremely hot/cold temperatures and environments where chemicals, radiation, speed/velocity and size play a major role. Our experts educate a company's employees about the factors involved in the smooth operation of bearings and ultimately in the prevention of premature bearing failure.

A dry dirty environment is typically an environment that generates some kind of dust. A wet dirty environment often involves water or a chemical that emulsifies with the oil (bearing lubricant), which causes the bearing to fail. To give you an example, worn seals on linear bearings that are used in a dirty environment will enable contamination. Even with the best design, lubrication and installation, bearing failure will occur if the operating environment is not taken into consideration.

Our Engineering Seminars help companies eliminate the guesswork, avoid costly downtime and ensure maximum operational efficiency.

Rick Piracini, our industry solutions expert, has been appointed to lead our Robotics and Automation Division. We're thrilled that this news was included in our local newspaper, the ***Brookline Patch****.*

What Makes Us Unique



Our Bearing Detective

Online product catalog & comprehensive reference tool

Worldwide sourcing

One-stop shopping

Over 3 million bearings in stock ranging from 3mm to 3ft

Same day shipping

24/7 service

Fixed price program

OEM parts interchange

OEM and MRO experts