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## **Emerson Bearing Takes to the Stars**

BOSTON, MA... [Emerson Bearing](#), a Boston based bearing company catering to OEM (Original Equipment Manufacturers) and MRO (Maintenance, Repair and Operations) markets throughout the world, has taken to the stars and will be providing bearings for deep space "dishes".

Emerson Bearing has been awarded a contract with the Smithsonian Astrophysical Observatory (SAO) to provide spherical roller bearings (sized at approximately two feet), for the Submillimeter Array (SMA), which is an 8-element radio interferometer located atop Mauna Kea in Hawaii. Emerson Bearing had to sign on with the SMA, was vetted and won approval to provide spare and repair bearings for the antenna elevation drives.

Emerson Bearing's knowledgeable team assisted in determining the right bearing technologies by taking into consideration the specifications, recommendations, maintenance strategies, fatigue life and wear resistance of the bearing in relation to the application. The company will be providing the SMA with spherical roller bearings, which are high precision and able to withstand high loads.

"It's thrilling to know that our bearings are helping to listen in on space," said Steve Katz, president of Emerson Bearing. "We have a vast inventory and provide 24/7 service to our clients which is critical to their operations."

### **About the SMA**

The Submillimeter Array is a joint project between the Smithsonian Astrophysical Observatory and the Academia Sinica Institute of Astronomy and Astrophysics and is funded by the Smithsonian Institution and the Academia Sinica. For more information or to view the image gallery, visit their website at [www.cfa.harvard.edu/sma](http://www.cfa.harvard.edu/sma).

### **The Emerson Bearing Difference**

In a proud tradition, the same families that started the company in 1957 keep Emerson Bearing rolling by specializing in bearings for OEM and MRO markets throughout the world. Emerson Bearing's highly knowledgeable staff, operating from their 23,000 square foot facility, provides bearings ranging in size from 3mm to tunnel-boring 15-foot-diameter giants.

Emerson Bearing provides solutions to a variety of industries including: aggregate, concrete, mining, machine tools, electric motor repair, marine, material handling, metal processing, packaging, food processing, paper converting, printing, wind/power generation, recreation, heavy construction, robotics, automation, transportation, wood products, wastewater treatment, pump, compressor and oil field.

Emerson Bearing offers customers a one-stop shopping experience. With an online product catalog with over 3 million bearings; a vast inventory of bearings; worldwide sourcing; a fixed price program; a knowledgeable staff dedicated to delivering; same day shipping and 24/7 service, Emerson Bearing has become the leading provider of bearings to OEM and MRO markets in the U.S. They are the sister company of Action Bearing and maintain headquarters at 201 Brighton Ave. Boston, MA. For more information, contact 617-782-1400 or toll free, 800-225-4587, email [info@emersonbearing.com](mailto:info@emersonbearing.com) or visit <http://www.emersonbearing.com>.