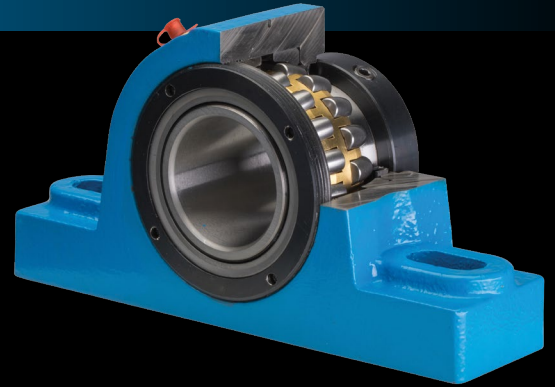




What are the Benefits of the Machined Brass Cage in NTN's Bower® Type E Mounted Bearing Units?



NTN's Bower Type E mounted bearing units were created with your most demanding applications in mind. Whether it is misalignment, heavy loads, contamination, or excessive vibration, Bower Type E units can handle the toughest jobs.

The ability to withstand these grueling conditions is due in large part to the machined brass cage used in the Bower Type E. These cages are great for the following scenarios:

Heavy Loads:

- Machined cage with contoured cage pockets offers excellent stiffness and guarantees stability of the rolling elements, making it better suited for shock loading and applications with high vibration

High Heat:

- The "self-lubricating" properties of machined brass reduce heat generation, lessening the risk of cage seizure due to thermal expansion. Additionally, the lack of a floating guide ring or center shoulder allows for easier flow of lubrication, further reducing heat generation.



Please contact your local NTN Sales Representative for more details.

www.ntnamericas.com

BOWER TYPE E BEARING UNITS

The Bower Type E with spherical roller bearing insert has what it takes to keep your equipment up and running. The bearing unit arrives fully assembled with grease and C3 bearing clearance. The spherical roller bearing insert allows for +/- 2° of misalignment to handle applications that may induce misalignment due to shaft deflection or uneven mounting surfaces. Bower Type E housings are made of cast iron with elongated bolt holes and are dimensionally interchangeable with competitive Type E bearing units.

- **One-piece, sturdy cast iron housing** to withstand demanding applications
- **Threaded housing nut** keeps the bearing clearance set and provides great seal support
- **Self-aligning, double-row spherical roller bearing** allows for easy alignment and can handle +/- 2° of misalignment
- **Set screw locking collar** secures the inner ring to the shaft
- **Machined brass retainer with offset pockets** results in cage stiffness for high vibratory applications
- **Double-lip seal molded onto a metal guard** provides superior sealing performance in extreme environments
- **Elongated mounting slots** for versatile mounting configurations
- **Extended inner ring** allows for greater contact surface to the shaft which provides better performance and stability



Beyond Bearings

Training. Installation Support.
Trouble-shooting. And more.

When you choose NTN, your team is equipped with all the necessary tools and resources to get the job done right. From installation to problem-solving, we'll be there with the hands-on support you need to take on your toughest challenges. This includes extra services such as:



Technical Training Unit

On-site, mobile training unit offering specialized, hands-on instruction from NTN engineers



Product Training School

Three days of in-depth instruction from NTN engineers at headquarters
(go.ntnamericas.com/trainingschool)



eKnowledge

WEB-BASED TRAINING PROGRAM

Six online product training modules covering different bearing types and nomenclature
(www.ntnamericas.com/eknowledge)



NTN Bearing Finder

Customizable search tool featuring exhaustive data sets, comprehensive part interchanges and interactive CAD drawings
(bearingfinder.ntnamericas.com)

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