Customized BAC bearings offer you peace of mind when it comes to your cooling tower

The right bearing execution is critical for your application to benefit from maximum lifetime. Specifically bearings that operate inside cooling towers are exposed to tough conditions, operating within a moist and hot environment.

BAC uses specially engineered and tested bearings to meet the rigorous BAC standards. Providing installation and lubrication is done as per BAC operating & maintenance instructions, you will enjoy guaranteed year-round reliable operation. Our bearings have unique specifications thanks to joint development with our bearing manufacturer.

An axial fan BAC cooling tower bearing

A small cost for BIG savings

- Longer service life
  - Longer bearing $L_{10}$ life of 80,000 hours, compared to other common bearings on the market.
  - Unique specification for operation in harsh conditions, within a moist and hot environment.

- Reliable operation
  - Ensures the continuous operation of the cooling tower, avoiding loss of production through downtime.
  - Avoids frequent replacement or service works, which come at a high cost.
  - Ensures that your fan shaft, propeller and other drive elements are not at risk of premature failure.

- Easy installation
  The BAC bearing, supplied with the required mounting hardware, offers a quick and easy replacement.
What makes our induced draft axial fan **BAC cooling tower bearing** so uniquely qualified for the job?

1. **An engineered flinger with integrated collar**, specifically designed for BAC.
   This rides in a special machined cross section in the housing to repel water.

2. **A 3-piece R seal** including outboard and inboard flinger.

3. **Special housing and notch**, machined to prevent water collection.

4. **The grease fitting location** is unique.
   This ensures full evacuation of old, contaminated grease out of the bottom.

5. **Grease** that outperforms most common available greases.
   This ensures an extended grease life and better rust resistance.

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**Bearing kit**

- **A** BAC bearing
- **B** grease nipple
- **C** rubber flinger*
- **D** flinger collar
- **E** nuts and bolts for installation

* depending on the application

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**You want to prevent:**

- **additional downtime** and suffer a loss of production,
- **collateral damage** of your fan shaft, propeller and other drive components,
- **higher cost** because of frequent replacement or service works on your cooling tower.

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**Be smart and select BAC bearings!**