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— A Minebea Company —

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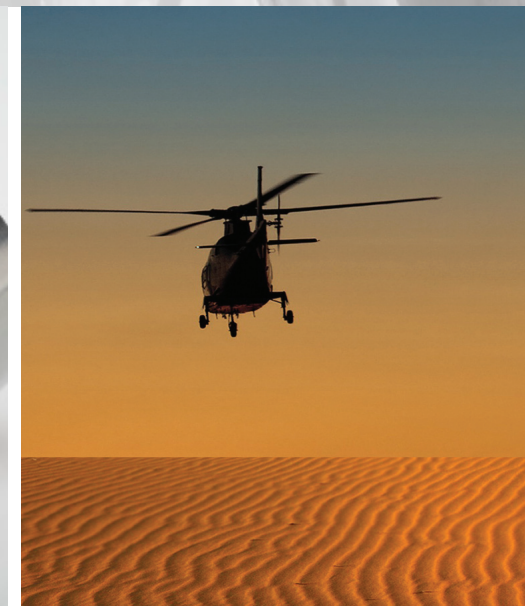
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INVINSYS®

Helicopter Pitch Link Bearing System



New Hampshire Ball Bearings, Inc.
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The longer lasting helicopter pitch link control bearing system



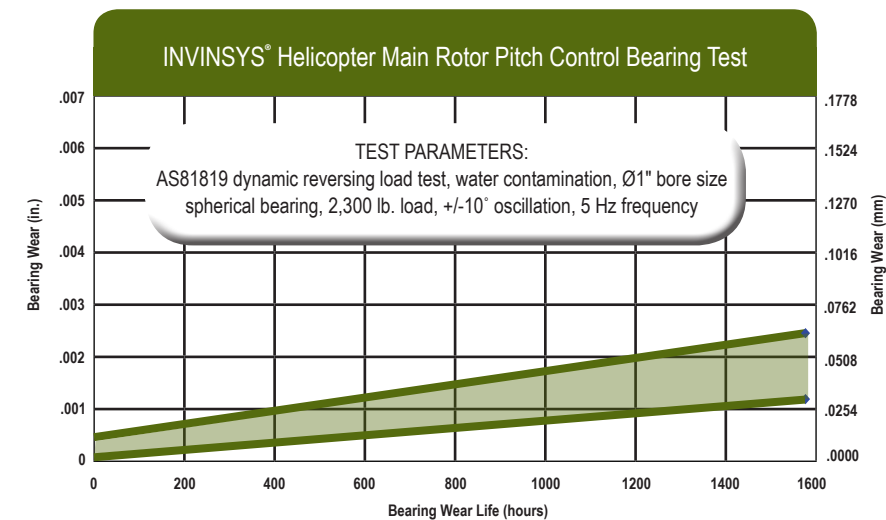
NHBB's innovative pitch control bearing technology establishes a new performance benchmark for rotary wing applications. The INVINSYS® bearing system consists of an enhanced self-lubricating liner paired with a specially coated ball that is engineered for superior wear resistance. This patent pending solution lasts up to two and a half times longer than previous designs tested under the same conditions. The significant performance advantage offered by INVINSYS® is helping to reduce maintenance and repair costs of helicopter pitch control systems.

Performance Highlights:

- Superior wear resistance, longer lasting performance
- Extremely resistant to harsh environments, chemicals and moisture absorption
- Performance advantage helps reduce maintenance and repair costs for helicopter pitch link systems
- Fly INVINSYS® on new or existing programs

Tests reveal a remarkable performance advantage

NHBB conducted over 30,000 hours of research and dynamic testing to achieve a breakthrough in performance. As a result, the INVINSYS® pitch link bearing system offers extremely low liner wear – .003 in. or less over 1,500 hours. You won't find a better performing solution on the market.



The shaded area in the chart above represents our new INVINSYS® bearing system's exceptionally low wear rates under typical helicopter main rotor operating conditions.

Durable even in harsh environments

INVINSYS® delivers extended operating life, even when exposed to harsh environments. The self-lubricating liner developed for INVINSYS® is highly resistant to moisture absorption as well as chemical attack. The entire system is also resistant to the high alkaline compounds found in most cleaning solutions, which are proven to shorten bearing life.

Fly INVINSYS® on existing or new programs

INVINSYS® shares the same dimensional envelope as previous generations of pitch control bearing solutions, so you do not have to wait for a costly redesign of an existing platform to achieve extended operating life of rotary wing pitch link control systems. Gain a performance advantage on new platforms by specifying NHBB's INVINSYS® bearing system during the design development phase of your next project.



For more information about the INVINSYS® pitch link bearing system, call product engineering at 603.524.0004 or visit InvinsysBearingSystem.com