Extended Life Specification
Machined Type Needle Roller Bearings

Long-life bearings for improved machine reliability!

NIPPON THOMPSON CO., LTD.
**IKO** presents the next generation in Needle Roller Bearings: the Extended Life Series

Extended life up to 5 times longer than standard needle roller bearings

**IKO**’s Extended Life Specification Machined Type Needle Roller Bearings are treated with a newly developed special heat treatment that enhances the bearing’s surface hardness and toughness, and suppresses the generation and growth of damage on the surface. Significant life extension can be achieved under high load or under the condition of lubrication contaminated with foreign substances. In a life comparison test, **IKO**’s special heat treated Extended Life Series products lasted 5 times longer than standard heat-treated products.

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**Applicable production size**

- **With inner ring**
  - \( d = 10 \sim 75 \text{mm} \)
  - \( F_w = 14 \sim 85 \text{mm} \)

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<thead>
<tr>
<th>Number</th>
<th>Applicable Size</th>
<th>Without inner ring</th>
<th>With inner ring</th>
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**Life data**

- **Standard heat-treated products**
- **Extended life specification products**

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- **Gentle to The Earth**
- **presents the next generation**
- **in Needle Roller Bearings**: the Extended Life Series

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**Oil Minimum**

- **Gentle to The Earth**

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**http://www.ikont.co.jp/eg/**