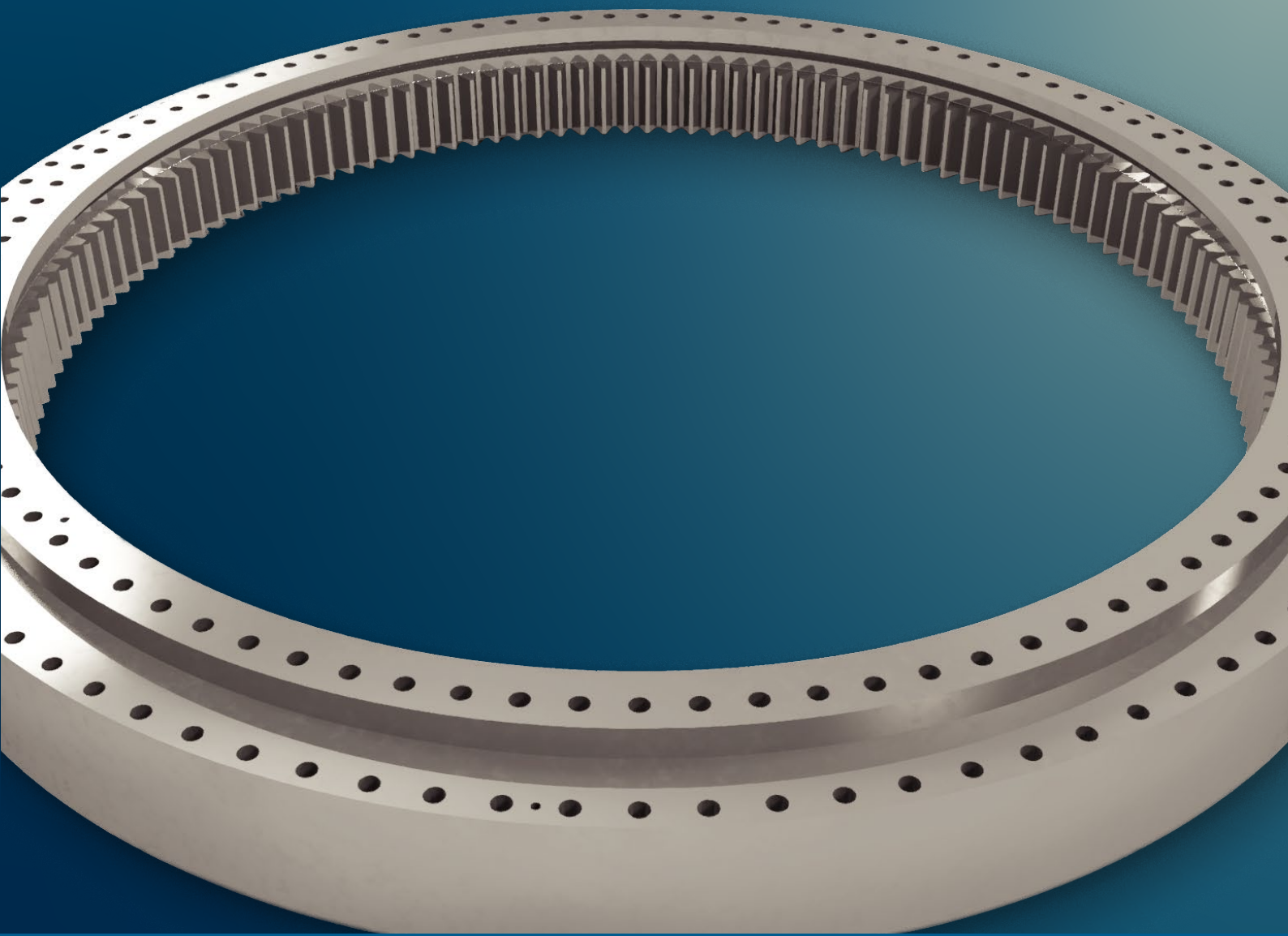
Akaliko

The Global Mining Component & Lifecycle Platform

Slewing Bearings

for Mining Excavators

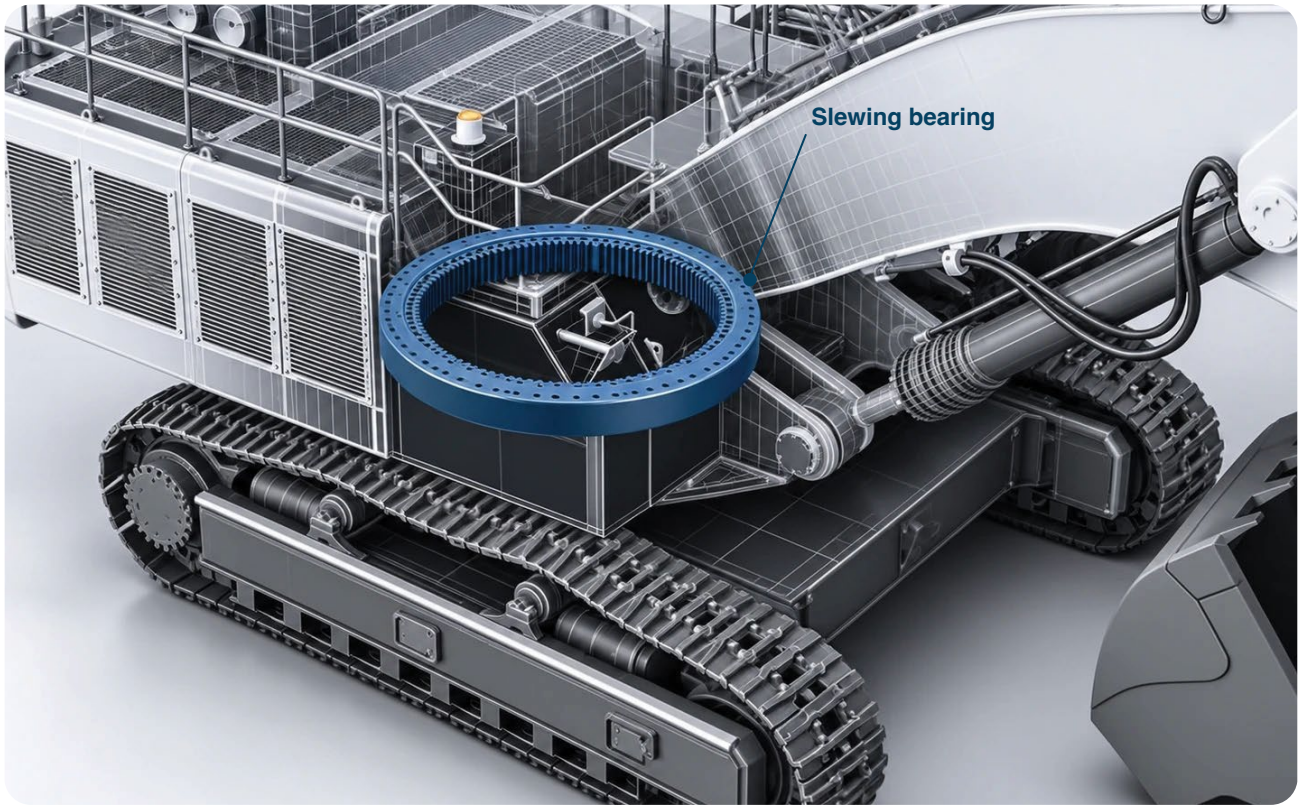


30+ SLEWING BEARINGS | **4** MACHINE BRANDS | **27** BRANCHES WORLDWIDE

SLEWING BEARINGS

THE RING YOUR EXCAVATOR TURNS ON

The slewing bearing sits between the undercarriage and the upper structure of a mining excavator. It carries the weight of the house, boom and loaded bucket, and lets the machine swing through every dig-and-dump cycle.



When a slewing bearing wears out, the excavator stops, and so do the trucks, crushers and production plan behind it. Replacement bearings are large, heavy, engineered parts, so the right supplier and a plan for replacement matter.

Akaliko supplies direct-replacement slewing bearings for Caterpillar, Komatsu, Liebherr and Hitachi mining excavators. They come from stock or are built to order, matched to the OEM envelope for drop-in installation.

30+ slewing bearings in the range

4 machine brands covered

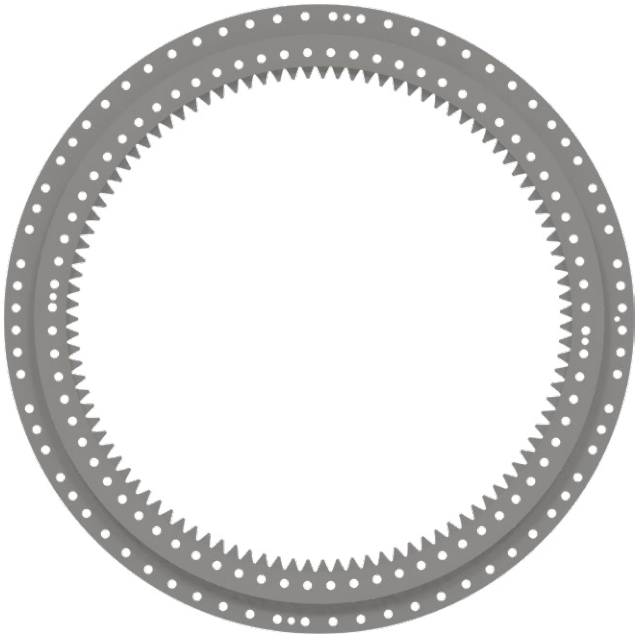
Find your machine. Look up your excavator model and OEM part number in the tables on pages 6 and 7.

Disclaimer: All OEM names and model designations are trademarks of their respective owners and are used for reference only. Akaliko supplies aftermarket components and is not affiliated with or endorsed by these manufacturers.

AKALIKO SLEWING BEARINGS

BUILT TO THE ORIGINAL ENVELOPE

Each bearing is produced to the same envelope, material and hardness specification as the original, so it fits where the old one came out.



- **Forged rings**
  Forged for strength and fatigue life
- **Induction-hardened raceways**
  Hardened for long wear life
- **Precision-cut gear**
  Teeth cut and checked before assembly
- **Ball or three-row roller**
  Design matched to the original, by model
- **Steel or brass cage**
  Chosen to suit your application
- **Expanded lubrication ports**
  Better grease distribution, longer life
- **Seals and clearance**
  Set and checked at final assembly

Drop-in fit

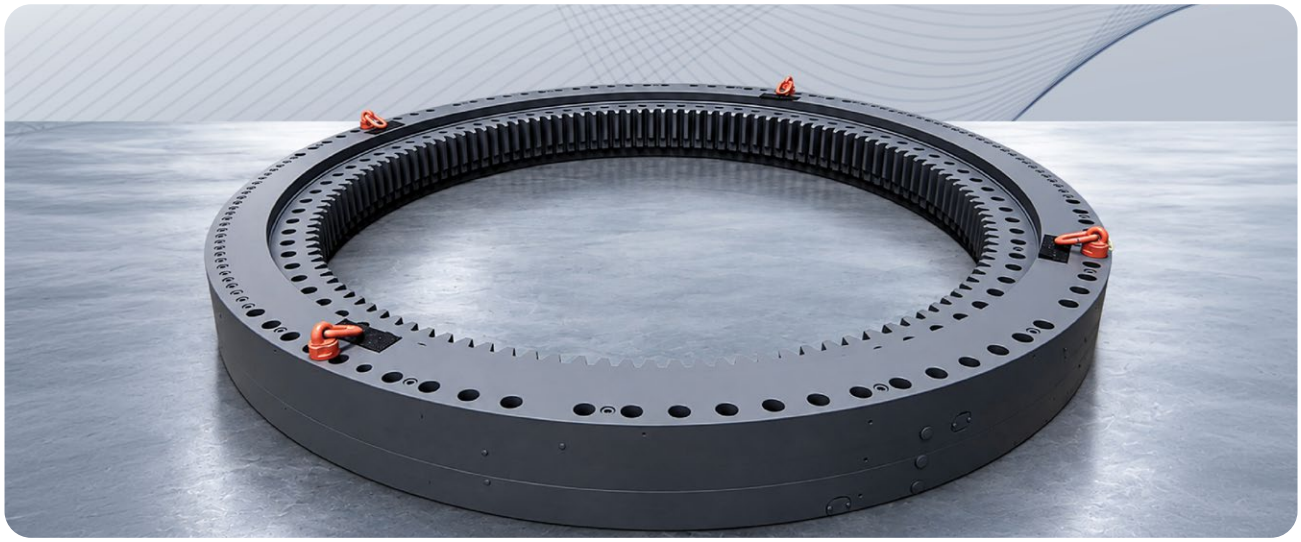
Matched to the OEM envelope for drop-in installation.

Stock or built to order

From stock, or built with your cage and seal options.

Technical support

Technical support before and after installation.



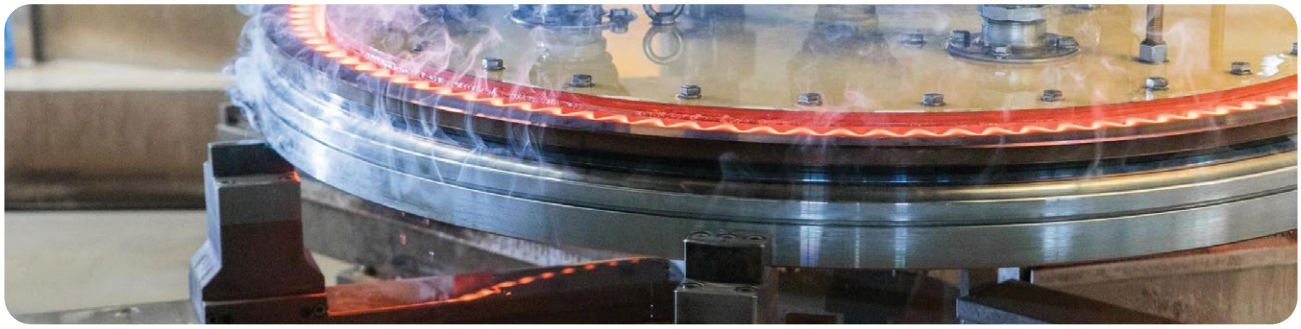
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MANUFACTURING

MADE IN STAGES, CHECKED AT EVERY ONE

Bearing rings

Every ring is produced from a forged blank to an assembled bearing, in eight controlled stages.



01 Raw ring
Forged ring blank

02 Machining
Faces, bore and raceway roughed out

03 Hardening
Raceway induction hardened

04 Gear cutting
Teeth cut and checked

05 Drilling
Mounting and lubrication holes

06 Nose ring final machining
Raceway and bore ground to spec

07 Supporting & retaining ring
Rings matched, fitted and locked

08 Assembly
Rolling elements, cages and seals fitted; clearance set

Every transfer is a quality gate

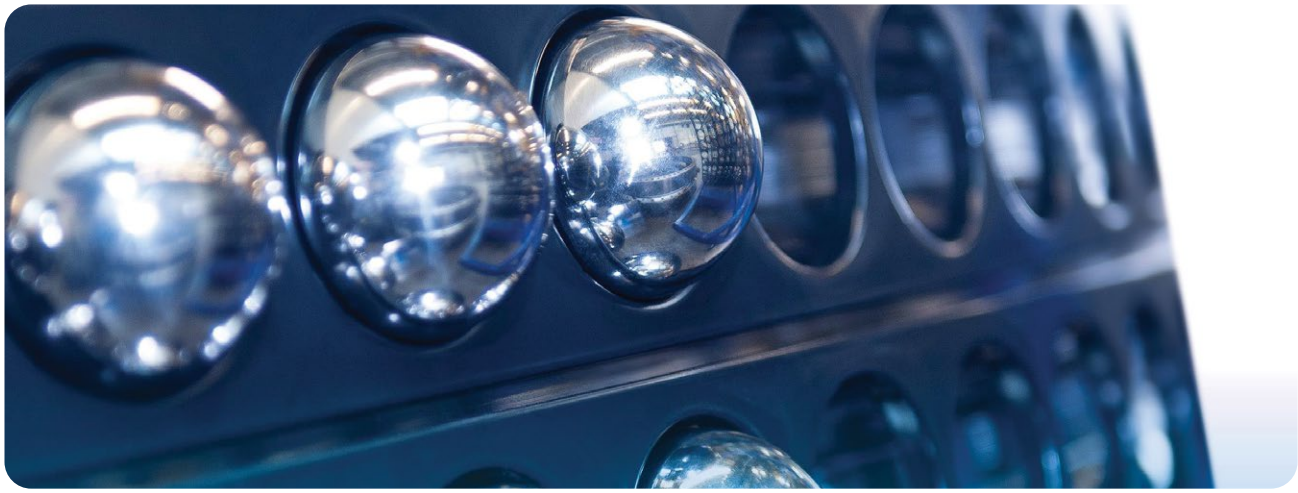
Material
Steel grade confirmed before machining.

Hardness
Raceway hardness checked after induction hardening.

Geometry
Raceway, bore and gear checked against the OEM envelope.

Warranty-backed. Akaliko slewing bearings are covered by warranty. Ask us for the terms for your model.

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Rolling elements

Rolling elements decide how a bearing turns. Each batch of balls is formed, hardened, ground and lapped, and passes two inspection gates.

01 Raw steel balls
Blanked from bearing wire

02 Flashing
Flash removed, ball formed

03 Heat treatment
Through-hardened to grade

04 Hard grinding
Diameter and roundness corrected

05 UT testing
Ultrasonic inspection, 100%

06 Lapping
Surface finish brought to grade

07 Cleaning & drying
Washed, dried and protected

08 ET testing
Eddy-current crack detection

UT — Ultrasonic testing
100% of balls inspected for internal defects.

ET — Eddy-current testing
Every batch checked for surface cracks.

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COMPATIBILITY

FIND THE BEARING FOR YOUR MACHINE

Direct replacements for the mining excavators below. Quote the model, the OEM part number or the Akaliko part number when you request a quotation.

Caterpillar

MODEL	REFERENCE OEM PART NUMBER(S)	AKALIKO PN
345D, 349D	353-0490	SLB00009
374D, 374D L	367-8361	SLB00008
374F, 374F L	378-9586	SLB00007
385C, 390D, 395	227-6099	SLB00010
5110B, 6015, 6015B	164-4298	SLB00001
6018, 6018 FS	535-3219	SLB00005
6020, 6020B	441-4927, 636-3316	SLB00002
6030, 6030 FS	471-0660, 529-2146, 636-3317	SLB00003
6040, 6050, 6060	195-1368, 245-0745, 488-5914, 568-5272	SLB00004
6060 6060 FS Gen2	505-1182, 636-3323	SLB00011
6090 FS	533-8490, 534-1824	SLB00006

Komatsu

MODEL	REFERENCE OEM PART NUMBER(S)	AKALIKO PN
PC400-8, PC450-7, PC450-8	208-25-61100	SLB01007
PC600-7, PC600-8	21M-25-11101	SLB01008
PC700-8, PC700-11	21M-25-21102	SLB01009
PC1100-6, PC1250-8, PC1250-11	21N-25-00201	SLB01001
PC2000-8, PC2000-11	21T-25-00101	SLB01002
PC3000-1, PC3000-6	898 104 40	SLB01003
PC4000-6, PC4000-11	896 611 40, 997 734 40	SLB01004
PC5500-6, PC5500-6E, PC5500-11	928 750 40, 954 059 40	SLB01005
PC8000-6, PC8000-11	952 190 40, 954 060 40	SLB01006

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MODEL NOT LISTED?

Send us your machine model and OEM part number and we'll build to order.

Email
info@akaliko.global

Online catalog
shop.akaliko.global

Liebherr

MODEL	REFERENCE OEM PART NUMBER(S)	AKALIKO PN
R9150	90010596	SLB04001
R9200	90206646	SLB04002
R9250	932874201	SLB04003
R9350	990712401	SLB04004
R9400	970763501	SLB04005

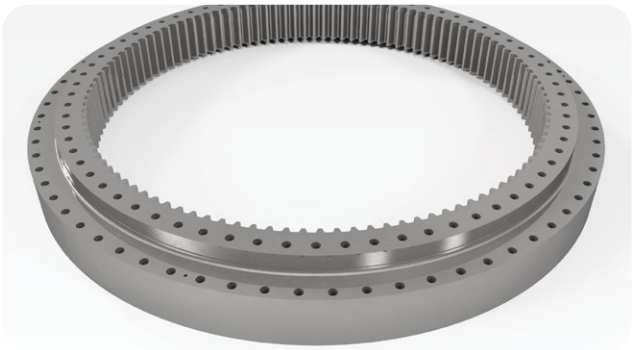
Hitachi

MODEL	REFERENCE OEM PART NUMBER(S)	AKALIKO PN
EX1100-3	6016319	SLB03002
EX1200-6, EX1200-7	6025413, 9321218	SLB03001
EX1800-3, EX1900-5, EX1900-6	4180991, 4363205, 6017664, 6027751, 9321219	SLB03003
EX2500, EX2500-5, EX2500-6	4347654, 4666830	SLB03004
EX2600-6	4706889, YB60000501, YB60002008	SLB03005
EX3500, EX3600-5, EX3600-6	4304817, YB60001396	SLB03006
EX3600-7	YB60001135	SLB03007
EX5500-5, EX5500-6, EX5600-6	4389225, 4652797, YB60001397	SLB03008
EX5600-7	YB60001032	SLB03009
EX8000, EX8000-6, EX8000-6B	4613512, 4671479, YB60001398	SLB03010

OEM part numbers are references for identification only. Search the Akaliko PN (SLB) at shop.akaliko.global.



Cat 6020 (SLB00002)



Cat 6030 (SLB00003)

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HOW TO ORDER

Four steps from part number to delivery.

1 **Find your part**
Look up your model and OEM part number in this brochure or at shop.akaliko.global.

2 **Request a quotation**
Email info@akaliko.global, or use Request a Quotation on the product page.

3 **Confirm your order**
We confirm price, availability and delivery terms in writing.

4 **Delivery**
Shipped by sea or air freight to your site.

Browse the full range

Click or scan to open the slewing bearing collection in our online shop.

shop.akaliko.global/collections/slewing-bearings

Akaliko

Leading the Way in Mining Components

akaliko.global | info@akaliko.global | shop.akaliko.global

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