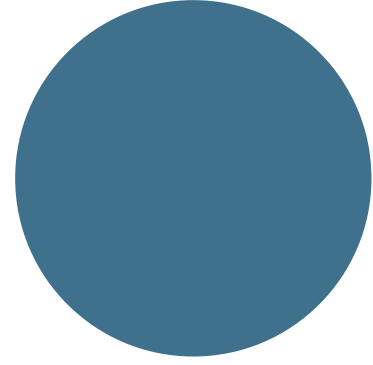


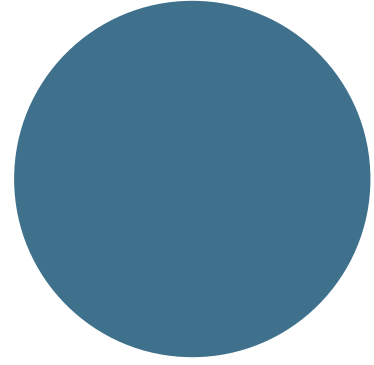
ska : Saurer
Kugellager

**saurer kugellager.
where precision moves.**

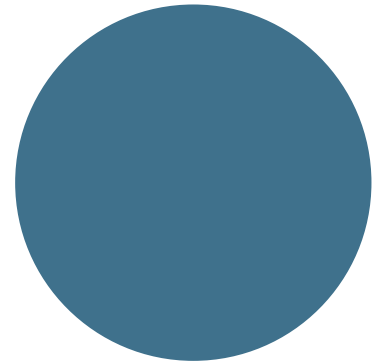




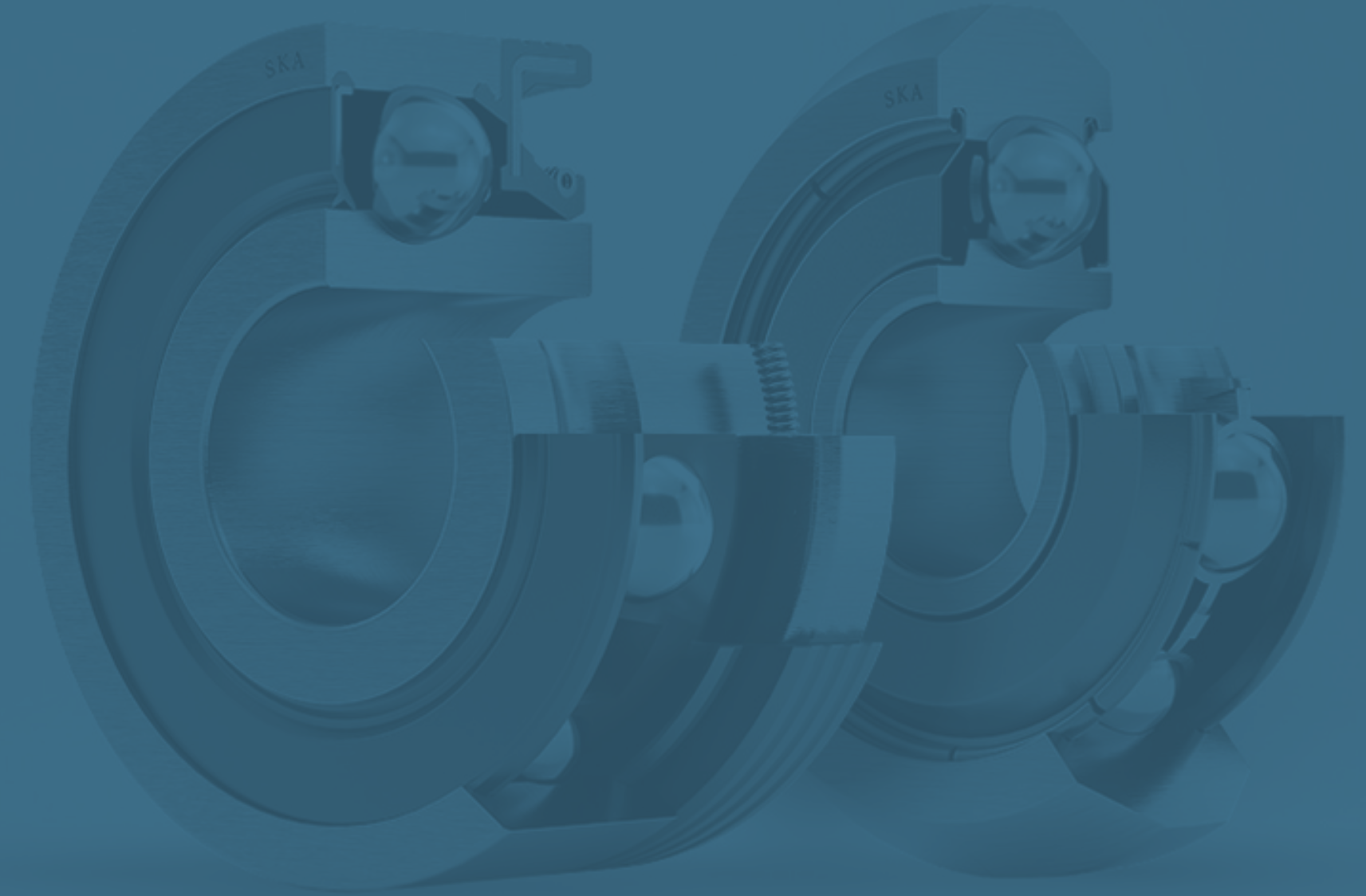
**Our complaint rate on SKA bearings has remained consistently below 0.01 %
for over five years – measured against the total delivery volume.**



**Over 80 % stock availability. More than 1,200 pallet positions.
Over 10,000 items. More than 1.5 years of inventory coverage.**



**Full-service technical supplier with our own two-stage quality
assurance – all from a single source.**



ska : Saurer
Kugellager

High-quality rolling bearings for industry

Quality, precision and reliability

Since 1938. Third-generation family business.
Swiss engineering with an international network.



saurer kugellager.
where precision moves.

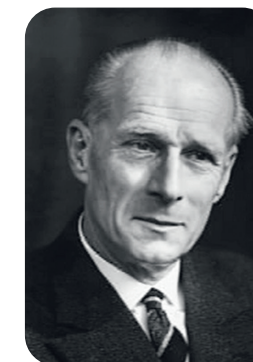
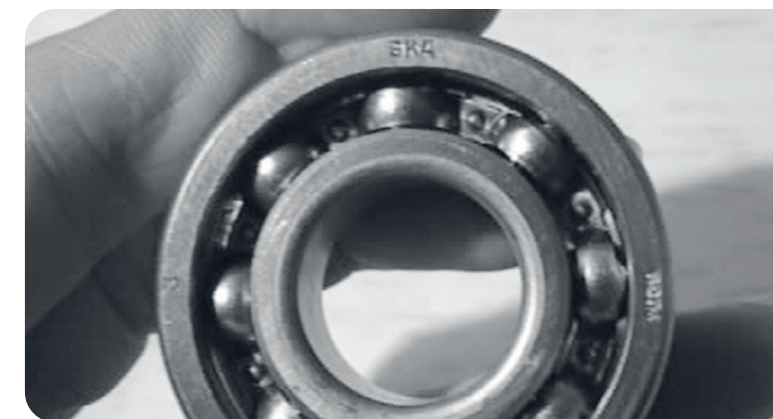


The SKA brand – Saurer Kugellager Arbon

For more than eight decades, Hans Saurer Kugellager AG has stood for Swiss quality mindset, technical precision and genuine partnership.

Founded in Arbon in 1938. Today: 3rd generation, 85+ years of experience, in-house manufacturing under the SKA® brand, subsidiary in Shanghai, more than 30 audited production partners.

Our rolling bearing solutions keep machines moving around the world and stand for reliability, efficiency and sustainability.



Our strengths in 6 words



Experience

80+ years of practical know-how in our engineering team. In-house test laboratory since 1998.



Precision

Swiss quality mindset. Two-stage inspection system in Stachen and Shanghai.



Availability

Short-term solutions – even in tight supply situations. Over 80% stock availability.



Trust

<0.01% complaint rate. Traceable down to the batch. ISO 9001:2015.



Multi-brand advantage

Compelling price-performance ratio of our in-house brand SKA, plus targeted support through external brands.



Closeness

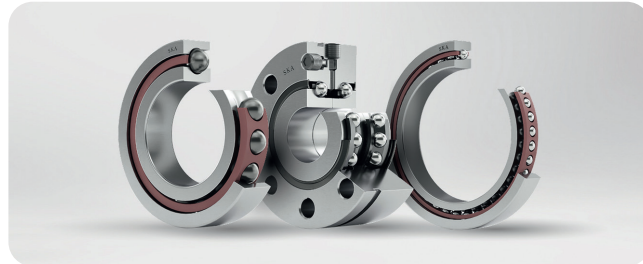
Personal, partnership-based, accessible.

Our solutions – reliable, tested, ready for use.

The SKA product range comprises over 10,000 stocked items, from standard bearings to customer-specific special solutions made to drawing. All products are technically tested, traceable and ready for series production.



Ball bearings



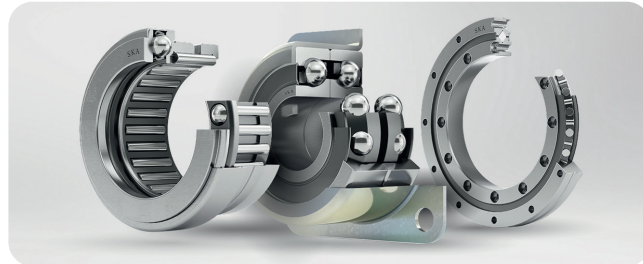
High-precision bearings



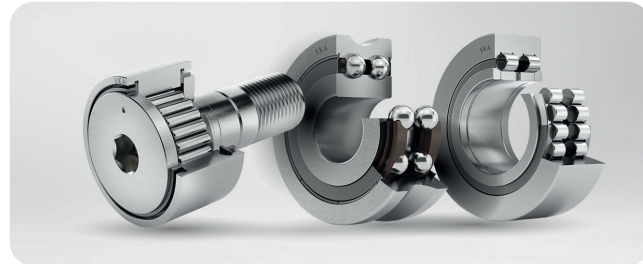
Roller bearings



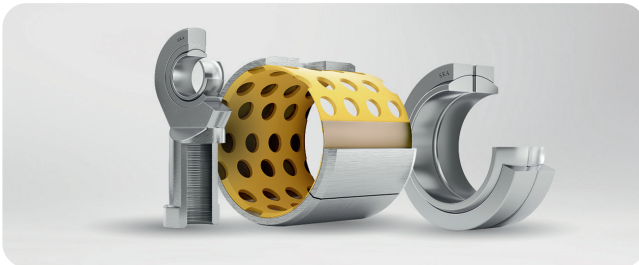
Special bearings



Combined axial and radial bearings



Track rollers, backup rollers and cam rollers



Plain bearings



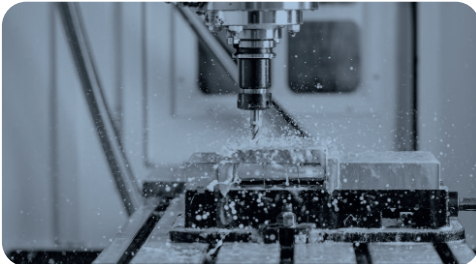
Housed bearing units



Accessories

Where performance meets purpose

Across a wide range of industries – from packaging and mechanical engineering to agricultural technology – rolling bearings from Hans Saurer Kugellager stand for motion, precision and trust.



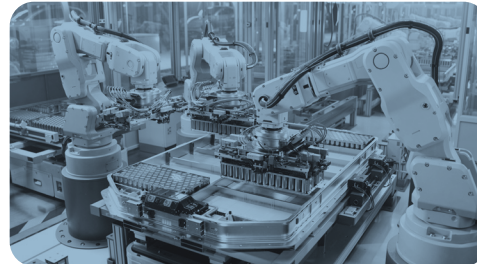
Machine tools



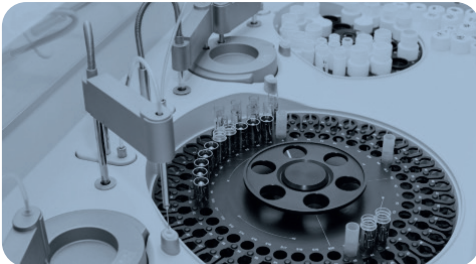
Packaging machinery



Drive technology



Mechanical and plant engineering



Medical technology



Agricultural machinery and farming technology



Consumer products



Power tools

We're here to help!
Contact us anytime.

Whether you have technical questions, individual requirements or need support with your order – our team is happy to assist. We look forward to hearing from you!

Phone: +41 71 446 85 85
info@ska.swiss
www.ska.swiss

Technical precision is no coincidence – it is part of what we deliver.

Technical support from Saurer Kugellager AG does not begin when a problem arises, but already with the first idea.

Our engineering department accompanies projects from the initial specification through to series release: assessing feasibility, evaluating service life, defining bearing designs and documenting quality-relevant characteristics – based on more than 80 years of accumulated practical experience in machinery, plant and tool & die manufacturing as well as in the development of special ball bearings. This results in solutions designed from the outset for function, cost-efficiency and durability.

Customers switch to SKA because we combine short response times, personal support and technically sound solutions with a compelling price-performance ratio.

We are also proud to support student research projects at educational institutions such as ETH Zurich with technical advice and products.

**Bearing selection consulting**

**Individual lubrication and sealing concepts**

**Assembly and installation instructions**

**Sizing and service life calculation**

**Material recommendation and bearing design selection**

**Bearing failure analysis and root cause assessment**

**Defining inspection characteristics**

**Optimization of bearing arrangement**



Laboratory / Center for development and quality validation



- What we inspect:**
- ✓ Dimensional and geometric inspection
Dimensional check, repeatability $\leq 0.5\text{ }\mu\text{m}$
 - ✓ Runout, form and coaxiality measurement
 - ✓ Noise and running behavior testing
Vibration velocity $\leq 5\text{ }\mu\text{m/s}$, vibration amplitudes $\leq 5\text{ }\mu\text{m}$, frequency analysis
 - ✓ Surface analysis
Surface roughness $\leq 0.05\text{ }\mu\text{m}$, contour and roughness measurement
 - ✓ Preload and torque testing
 - ✓ Visual and marking inspection

Inspection rates & quality standards:
AQL values: 1.0 / 0.65, adjustable to customer requirements.
Traceable down to the production lot – within just a few hours.

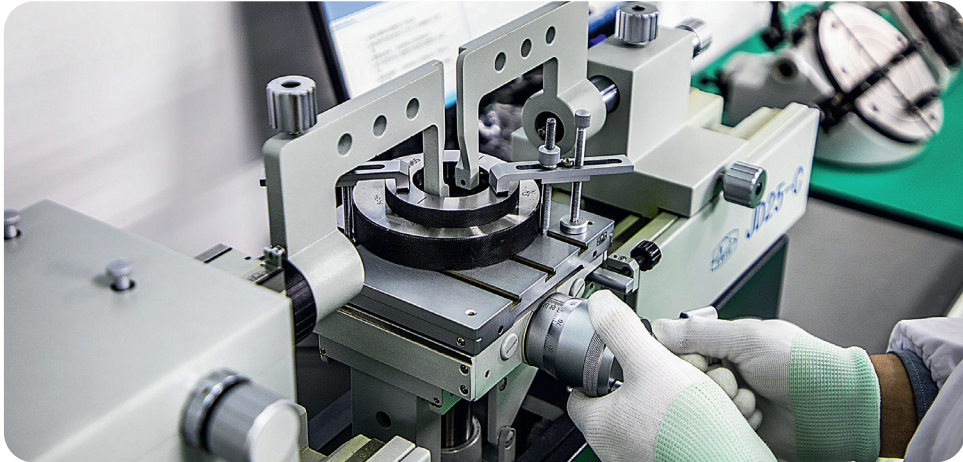
Inspection standards & certifications:
DIN 620 / DIN ISO 15242 / DIN EN ISO 21920 / SKA in-house standards
Certification of our production partners: ISO 9001 / ISO 14001 / IATF 16949 and AS9100

Release procedures and documentation:
PPAP / ISIR / Customer-specific inspection plans

The test laboratory at our headquarters in Stachen forms the heart of SKA quality assurance. Here, first samples, reference bearings and series releases are tested, documented and analyzed according to defined DIN and SKA standards.

Our two-stage inspection system combines series checks by our own subsidiary in Shanghai – which has its own test laboratory – with reference inspections at the test laboratory at our headquarters in Stachen. This ensures consistently high quality across all plants and supply chains. Deviations are detected early and systematically evaluated. At the same time, the site serves as a reference for the continuous further development and safeguarding of existing processes.

Every batch is fully traceable from production to release – down to the production lot, within just a few hours. The result: a complaint rate of less than 0.01% on the volume delivered to customers over the past five years.





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