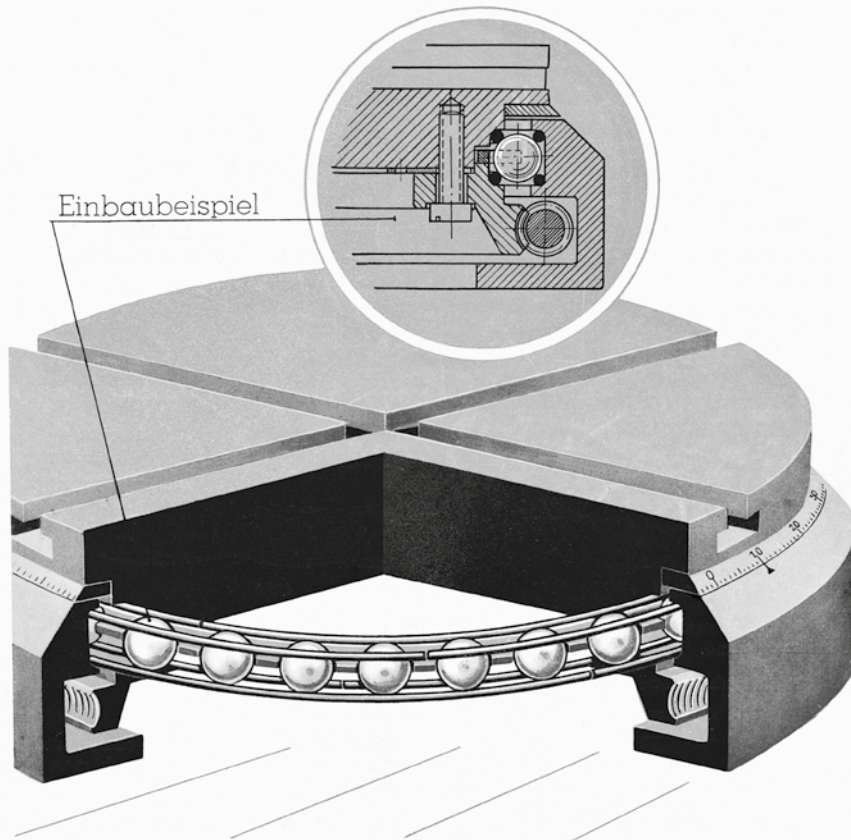


Light Bearings for Innovation

DRAHTKUGELLAGER

D. R. P. 625 461

NACH FRANKE



Heidenheim Brz.
Schnaitheimerstraße 13

FRANKE & HEYDRICH
G. m. b. H.

Jena
Kreuzerstraße 3

The first catalogue for Wire Race Bearings, dating from 1949.

The idea

The precision and surface of the raceways are crucial in defining the function and performance of bearings.

The invention

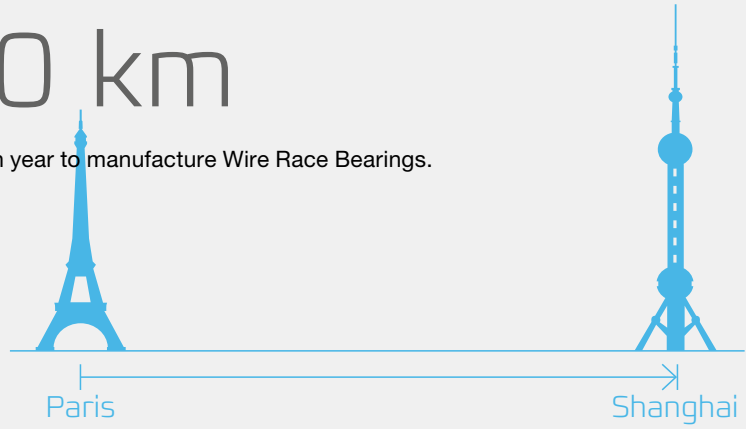
Race rings made of hardened wire are inserted within a mating structure. This bearing delivers maximum functionality – irrespective of the material and geometry of the housing.

The advantages

Based on their design principles, Wire Race Bearings require extremely little mounting space while providing maximum freedom when it comes to the material and form of the mating structure. This minimizes weight and required drive power.

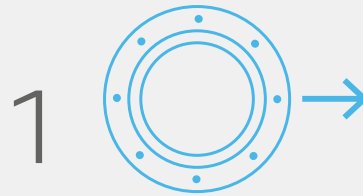
10000 km

of wire is processed each year to manufacture Wire Race Bearings.



65%

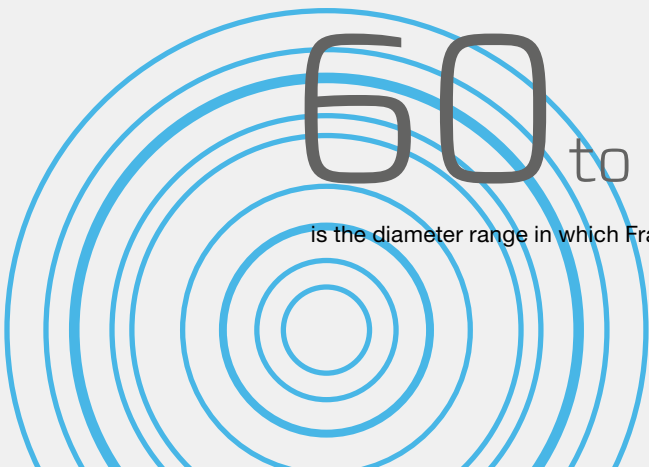
is the weight reduction that aluminium bearings deliver compared with standard steel bearings.



new customized prototype bearing leaves the plant each week on average.

60 to 2000 mm

is the diameter range in which Franke Wire Race Bearings are available.





1936

The engineer Erich Franke invents the Wire Race Bearing.

215 employees

cater to customer needs at the company headquarters in Aalen.



28

offices worldwide stand for customer proximity and perfect service.



4-point contact
Preloaded 4-point system to accommodate load from all directions.



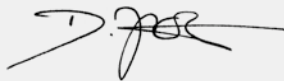
Light Bearings for Innovation

Franke is the inventor of the Wire Race Bearing and global technology leader in the development and production of lightweight motion systems. The product program includes both rotating and linear components, with or without drive.

Our core competencies include collaborating with our customers to develop innovative solutions. The immense versatility in the engineering and design of Wire Race Bearings always delivers ideal solutions to match the defined application.

We are driven by the philosophy of establishing the Franke principle across a constant succession of new application areas. And at all times we focus on the highest standards of engineering, quality and customer service. Ensuring that our products continue to meet coming challenges and thrill our customers.

Franke GmbH
Management



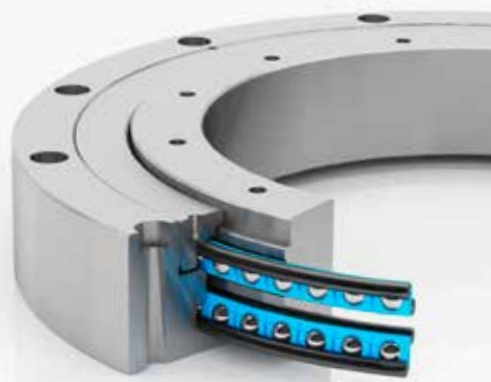
Daniel Groz



Sascha Eberhard



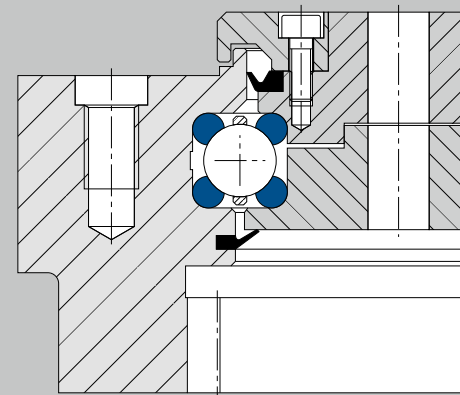
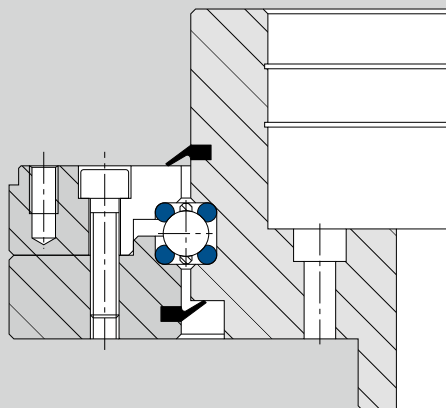
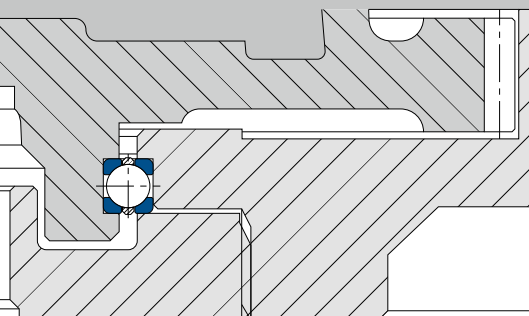
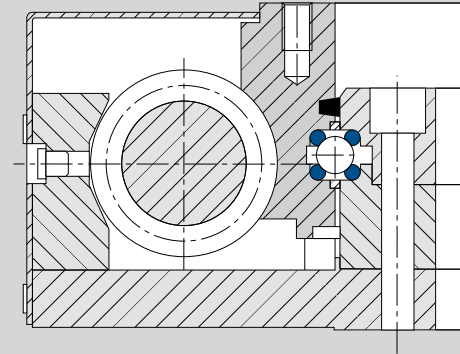
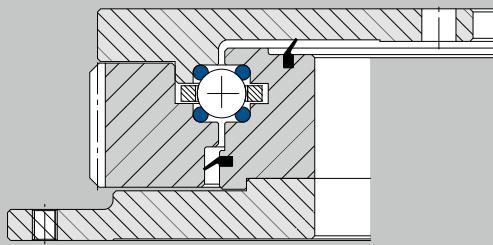
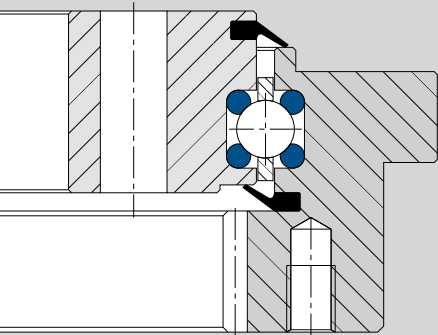
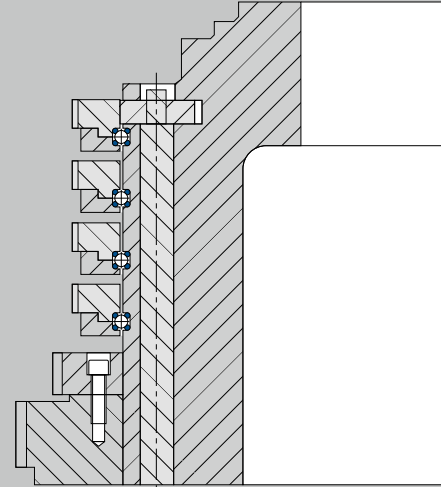
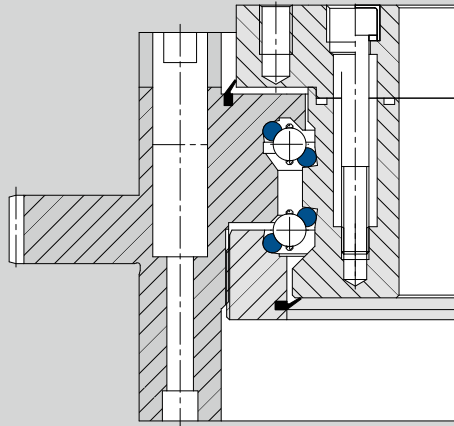
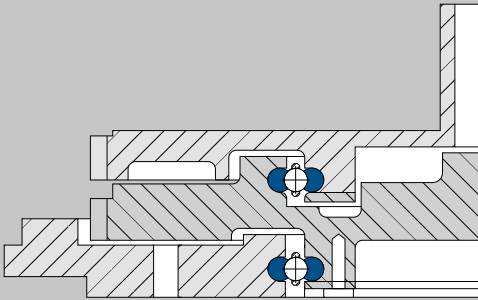
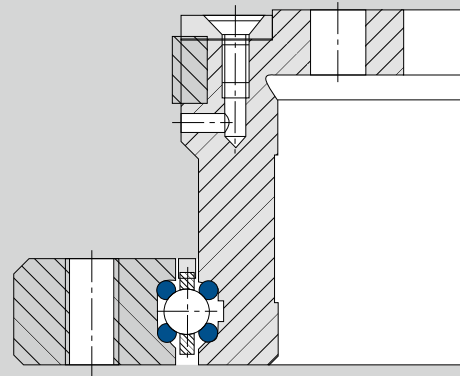
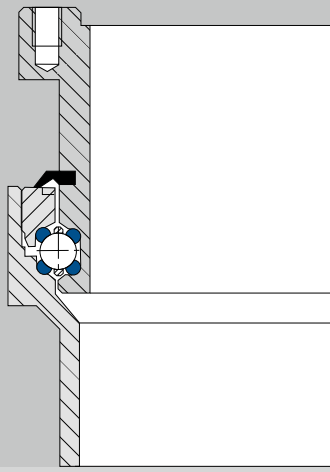
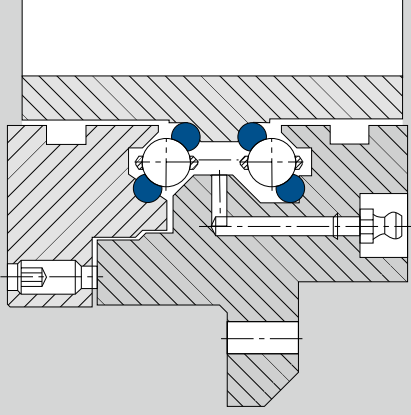
Visit YouTube to find out more about how the system works under: "Franke Wire Race Bearings"

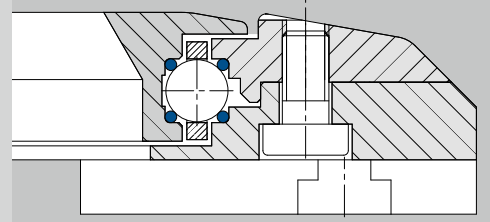
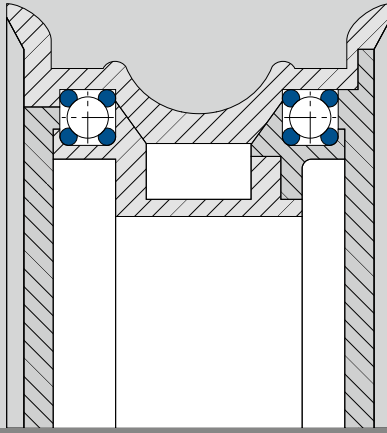
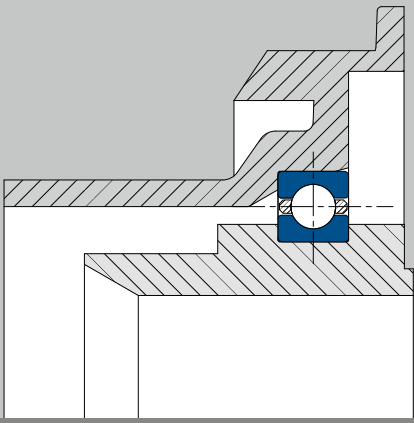


Wire Race Bearings

Franke Wire Race Bearings. Compact. Light. High performance. 4-point system. Ground raceways. Diameters from 60 to 2000 mm. Available as bearing elements, slim bearings, bearing assemblies, rotary drive systems.

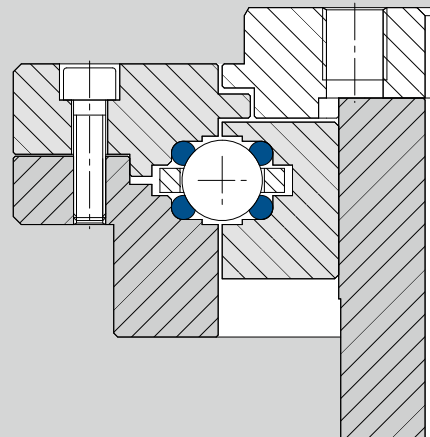
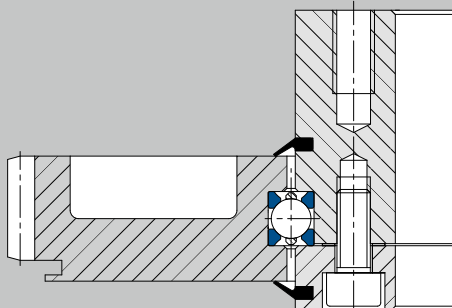
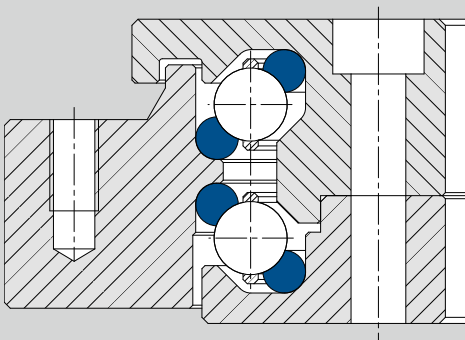
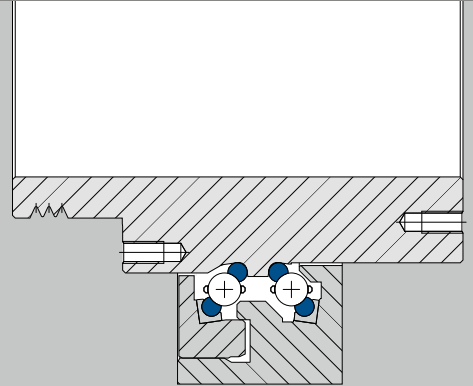
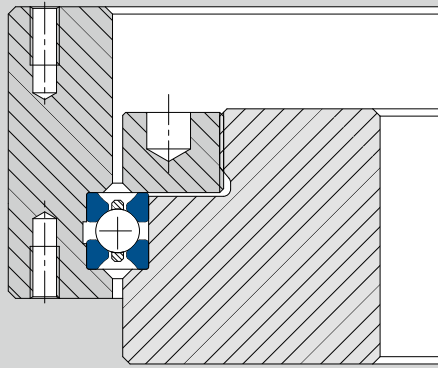
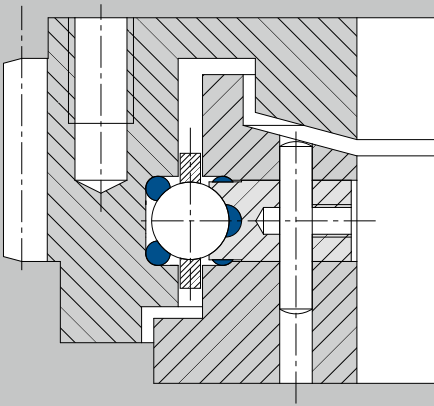


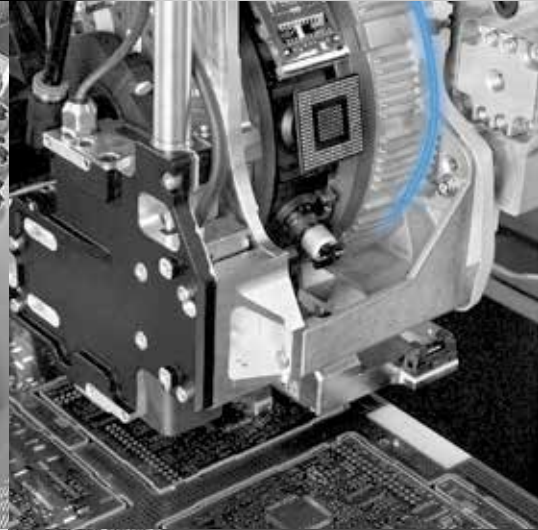
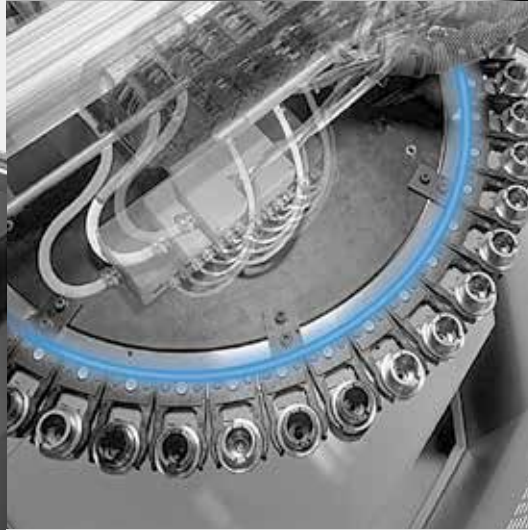
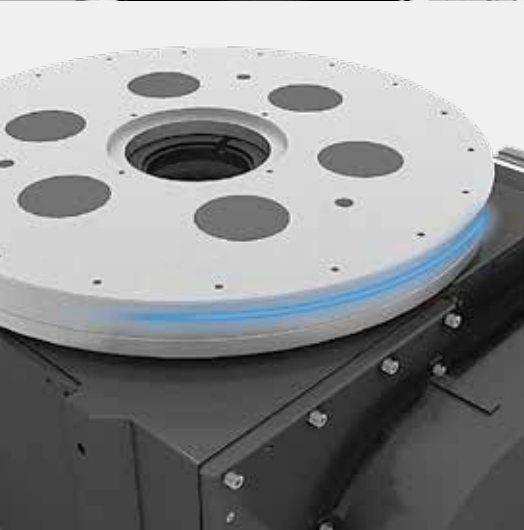


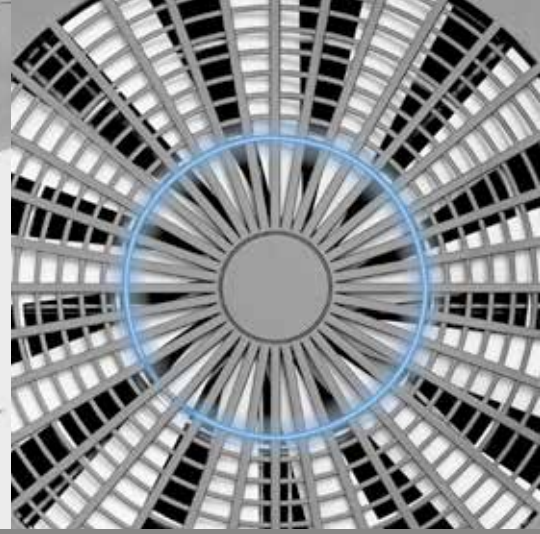


Entirely wired

Franke Wire Race Bearings. Space-saving. Variable. Individually adjustable.
We collaborate with our customers to develop precisely the right system for any application.







Across all industries

Franke Wire Race Bearings. Substantial design freedom. Free selection of material. Minimal mounting space. For innovative design.



You Tube



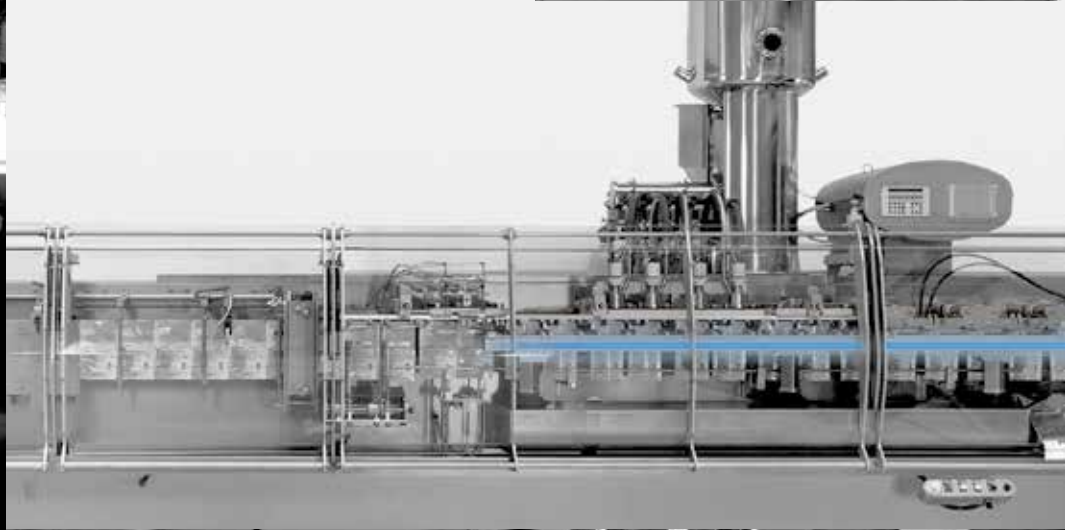
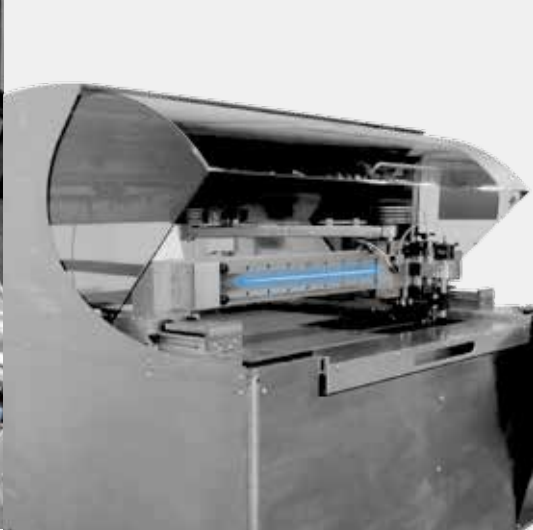
Visit YouTube to find out more about how the system works under: "Franke Linear Systems"



Linear Systems

Franke Aluminium Linear Systems. Aluminium body. Steel raceways. Rollers arranged crosswise. For loads from any direction. V_{\max} 10 m/s. Acceleration 100 m/s². With and without drive system.

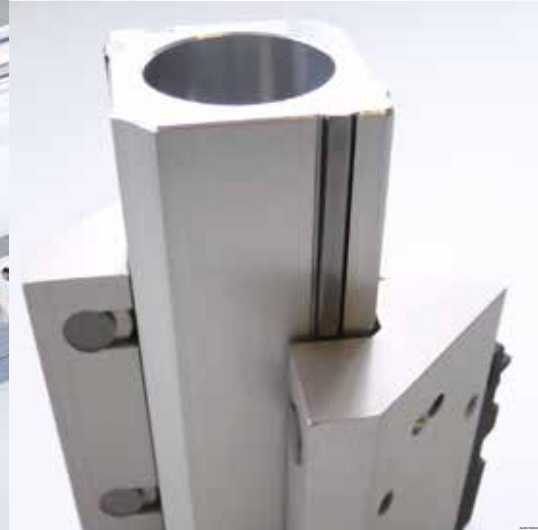


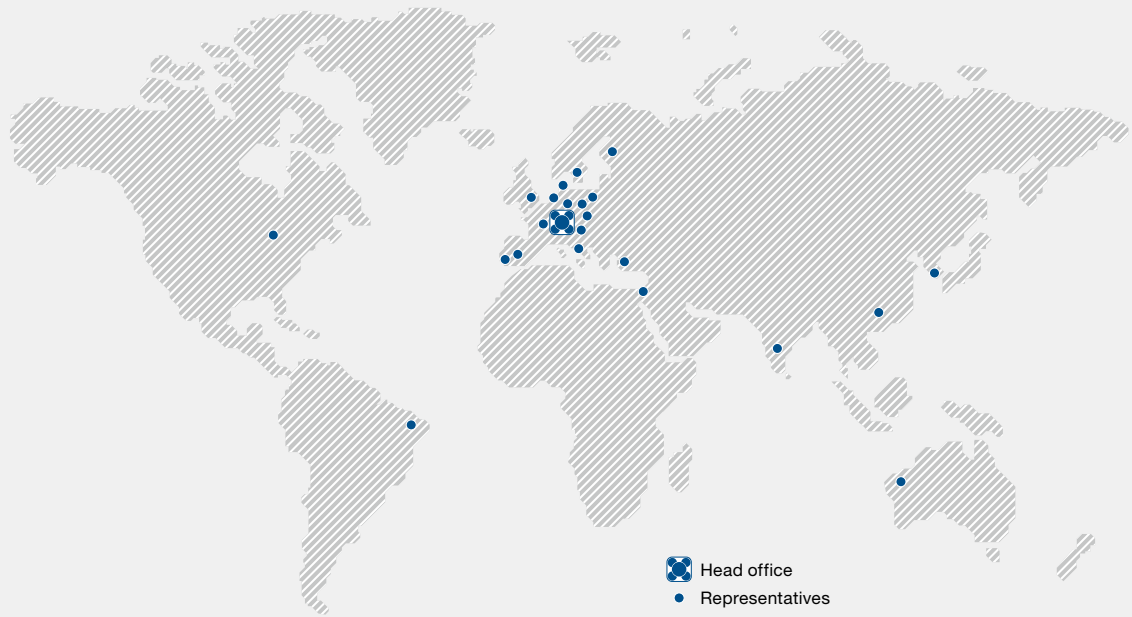




Linear lightweight construction

Franke Aluminium Linear Systems. Light. Quiet. Highly dynamic. Maintenance-free.
With direct drive. Individual rail profiles and cassette for series requirements.





Franke around the world

Franke Wire Race Bearings and linear systems are available worldwide. Offices and partners in many different countries advise our customers and are on hand to help you with our products and services. Our cooperation with strong partners in North America and Asia enables production on the ground and contributes to servicing our customers quickly and at low cost.







The people at Franke

Franke employees. Management, sales, design, procurement, quality, production.
We work hand in hand to produce specifically customized solutions. Together.
Conscientiously. Actively.







Our headquarters

This is where the wires run together. Franke manufactures Wire Race Bearings and Linear Systems in its own production facilities in Aalen. 215 employees work in development, production and administration, ensuring our customers always receive maximum quality and streamlined service.

Integrated within a high-powered network of local suppliers and service providers, we benefit from the economic powerhouse of the Baden-Württemberg region in Germany and the well-developed infrastructure all around our site.

Regular certification based on DIN ISO 9001 and 14001 guarantees that our customers receive constant levels of high quality and ensure our accordance to environmental protection standards. And we ask the same of our suppliers, whom we regularly audit.



www.franke-gmbh.com



YouTube

XING

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