Active Magnetic Bearing

Our systems expertise is your benefit
Our offer: Design and simulation of magnetic bearing systems including rolling back-up bearing technology for shafts weighing up to several tons as well as initial operation, maintenance and condition monitoring.

Your benefits: Standardized complete units for various performance classes and applications as well as comprehensive service from only one source.

Our highlights: Perfectly matched magnetic bearing and rolling back-up bearing technology.

Your benefits: Predictable system behavior, back-up bearings can be used several times after shaft drops, shorter downtimes.
Our highlights: Use of established electronic control systems and power electronics.

Your benefits: Process reliability, high dynamics and simple integration in the machine architecture.
Engineering, initial operation, service: all from one source

Calculation and design of the system using Schaeffler’s simulation platform and our calculation software BEARINX® developed in-house.

Configuration, development, initial operation and maintenance of the system by our engineers worldwide.

On request: Condition monitoring with FAG ProCheck; our experts will provide a recommendation regarding the further operation of the system if needed.