

FAG



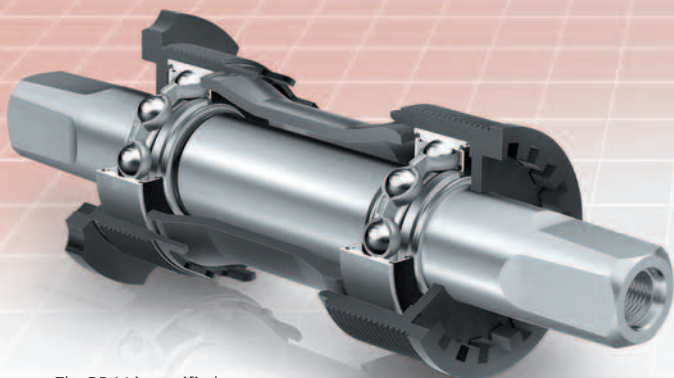
**„Advanced by FAG“ –
Improved Smooth Running
for Bicycles**

SCHAEFFLER

A Tradition with a Bright Future: FAG Bottom Brackets – Engineered in Germany

For the highest demands: BB66 bottom bracket unit

- **Long service life under the most demanding conditions**
thanks to the highest bearing load ratings
- **Smooth and quiet operation**
thanks to high-precision mechanical components
that can handle heavy loads
- **Excellent smooth-running properties**
- **Maintenance-free**
thanks to lubricated-for-life bearings
- **Trouble-free operation in all weather conditions**
thanks to proven, highly-effective seals and premium
Corrotect® anti-corrosion coating
- **Glass fiber-reinforced plastic housing**
compensates small frame tolerances
- **Easy to install**
thanks to threaded flanges on the housing
- **Leaves space for bicycle-light cables and other connections**
by shrinking the housing diameter at the center of the bearing
- **Suitable for all bicycle types**



The BB66 is certified
according to DIN EN 14766 (MTB)

By professionals, for professionals: Cronitect® hybrid bearings

- **Innovative technology**
for superior professional performance
- **Outstanding smooth-running properties**
thanks to “Advanced by FAG” friction optimization: The bearing cage has an integrated non-contact seal on one side and a matched design using Cronitect® raceway geometry and ceramic balls
- **Reliable and extremely durable**
thanks to Cronitect® corrosion-resistant steel (bearing rings are “hard on the outside and soft on the inside” and are therefore unbreakable as well as extremely resistant to corrosion) and high-performance ceramic balls
- **Made in Germany – Advanced by FAG**
Designed exclusively by FAG for racing bikes and mountain bikes (inner and hub bearings, derailleur gears, pedals) as well as for speed skating, yachting, fishing reels, etc.



What sets an FAG bearing apart from the competition?

History. For over 120 years, FAG has been a world leader in precision rolling bearings. Company founder Friedrich Fischer knew as far back as 1883 that ball bearings are actually synonymous with energy efficiency. After all, the purpose of a ball bearing is to reduce friction, which in turn saves energy. Consequently, his first bearings were mostly installed – how could it be otherwise? – in bicycles.

Friction. Ever since then, we have meticulously designed all of our bearing components to work together in perfect harmony, which is why our bearings often run more smoothly than anyone else's. Proof positive: FAG's newly-designed "Generation C" deep groove ball bearings – with 35 percent less friction compared to the previous generation. The operating life and performance increase significantly with considerably reduced energy consumption.

Materials. We tackle another major energy waster – weight – with new and more high-performance materials. The combination of Cronitect® high-performance corrosion-resistant steel and ceramic balls, for example, led us to develop a hybrid bearing with record-breaking potential. With smooth operation, a long service life, and a high level of corrosion resistance, these bearings are making a name for themselves on the racing bike market.

World-class technology – contact us for more details!

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