

T H E O R I G I N A L

CSK - Combined Bearing/Freewheel

Often copied...never reached



In the 1970s, Stieber developed the CSK series, which combines the function of a sprag type freewheel with a deep groove ball bearing of the size 62.

In the following decades, this Stieber type has become the market standard.

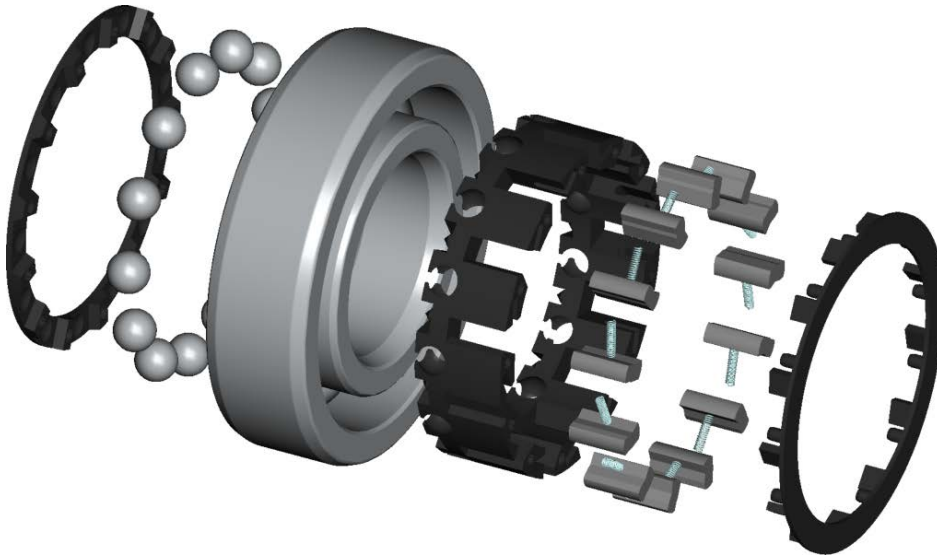
The CSK features a compact design well balanced between torque capacity and bearing load. The treatment of the clamping elements in the "Formchrome[®]" method guarantees a long lifetime.

Today, the CSK can be found in a variety of applications such as automation technology, energy generation, medical technology and many more.

Special requirements - special solutions.

In recent decades, Stieber and its customers have implemented thousands of special solutions. It is always exciting to develop new solutions based on a proven and sophisticated technology.

CSK Components from left to right:



- cover plate
- rolling element
- bearing race
- cage, fibre-reinforced PA6.6
- Formchrome® sprags
- energising springs
- cover plate

The design provides protection against dust with a particle size > 0.3 mm.

For safe torque transmission, a press fit on the inner and outer race is required for the CSK type. If this is not possible in a constructive way, variants with keyway on the inner race or on the inner and outer race are available: CSK..P / CSK..PP.

Improved protection needed?

The CSK freewheel is also available with lip seals: CSK..2RS (similar to ball bearings, slightly enlarged width).

All CSK by default are delivered with a NSF H2 classified grease for lifetime lubrication.

A competent team is at your disposal for further information and individual solutions.

