CERAMICSPEED BALL BEARINGS

KARL SCHUPP AG

CONDUCT – PROTECT – INSULATE



This is a Ball Bearing for applications where absolute cleanliness counts

CeramicSpeed Slipcoat

Description

In principle, bearings must be lubricated regularly. However, there are applications where the highest demands are placed on hygiene and cleanliness. The CeramicSpeed SlipCoat bearing was developed to solve this problem. It is a bearing that has been treated with a SlipCoat and thus replaces the lubricant.

Tested solution

Bearing size 6202

- Stainless steel races (AISI440C)
- Rolling elements made of silicon nitride
- Treatment with CeramicSpeed SlipCoat

Restrictions

As the coating remains soft, a certain amount of friction occurs in the bearing. This solution is therefore not recommended if the focus is on low friction or high speed.

Special technical features

- Coating material is FDA and EN1935 compliant
- Functional at temperatures from -20 to 260 °C
- Chemically extremely inert
- Transparent / colorless