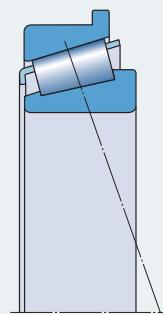
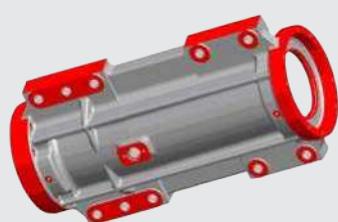
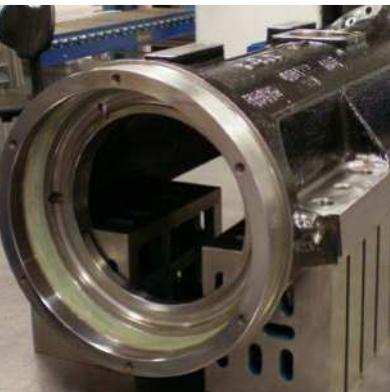


# Fight against the current

INSOCOAT tapered roller bearings for suspension tubes

## Customer benefits

- two functions in one solution:
  - bearing function
  - electrical insulation
- Virtually eliminates premature bearing failures caused by stray electric current
- Increased machine uptime
- Reduced maintenance costs
- Economical solution
- Improved machine reliability



INSOCOAT bearings  
a solution to increase  
reliability and machine  
uptime

INSOCOAT bearings provided by SKF combat electrical erosion in a wide range of conditions, including high humidity. Sealed protective coatings on the outer or inner rings integrate insulating properties into the bearing. They eliminate premature bearing failures caused by stray electric current in applications including traction motors, generators and industrial electric motors.

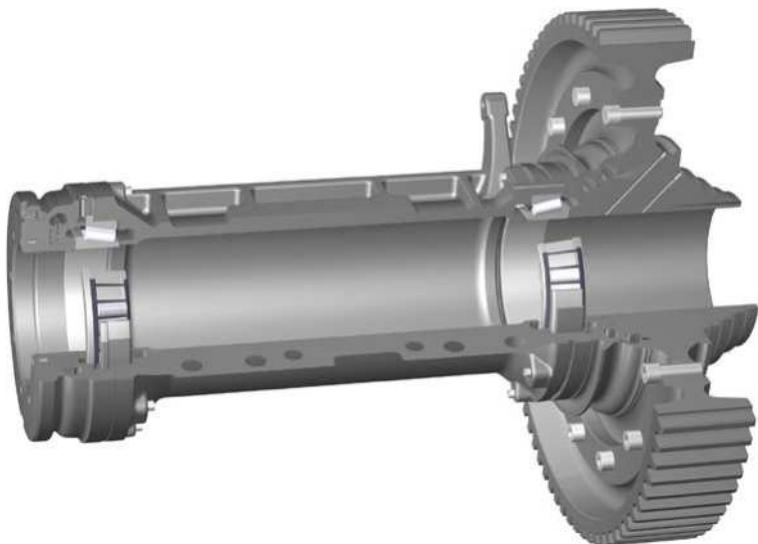
With its latest generation of insulated bearings, SKF has raised the performance standard. INSOCOAT bearings offer higher levels of reliability and uptime for electrical applications, even in the most challenging environmental conditions.

INSOCOAT tapered roller bearings for suspension tubes in railway vehicles provide an electrically insulating coating which can be applied on the complex outer ring geometry including the flange for easy mounting.

For more information please contact your SKF representative.

#### Features

- Reliable electrical insulation
- Improved ceramic layer and sealant
- Easy mounting
- High load carrying capacity
- Tapered roller bearings provide a stiff and accurate arrangement
- Optimized internal design



#### Principle of electric current flow through the gearbox and the suspension tube

