

Robust MacPherson suspension bearing unit

A new generation of suspension bearings to extend product life time.

From the Champs-Élysées in Paris to small Indian roads, environmental conditions are very different.

Today, the automotive manufacturers build global car platforms that need to be able to cope with tough environmental conditions, as well as on traditional market, as on emerging ones. Our suspension bearing need to meet to these new markets requirements, being able to support high load, severe pollution, and have improved reliability.

With a global footprint of production sites and application/technical centres for suspension applications located in Europe, Asia, and Americas, SKF is structured to support automotive markets worldwide.

Reviewed through Six Sigma studies, SKF has developed a robust MacPherson suspension bearing unit to withstand severe conditions, extending operating life of the suspension.

- Seals have been designed to combine a full protection against external pollution providing low friction torque.
- A new ball set has been drawn to:
 - increase radial capacity
 - lower radial clearance
 - increase overturning moment
- The metallic spring seat has been over-molded to lower deformation and stress.



For more information send an e-mail to carchassis_productinfo@skf.com or visit www.skf.com

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