



## SUBJECT

BEARING, MANUAL TRANSMISSION DESIGN  
ROBUSSNESS

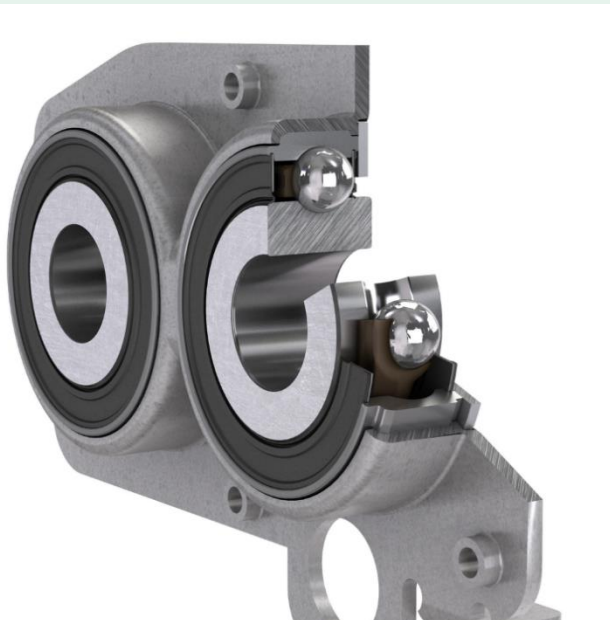
## PRODUCTS DESIGNATIONS

VKT 1000



## CAR MANUFACTURERS - BRANDS

SEAT SKODA VW



### ✓ Why It Matters?

The VKT 1000 is a critical component in the Volkswagen 02T gearbox (MQ200). This gearbox is used in all small VW Group cars up to approximately an engine torque of 200 Nm. It is used both in 5 and 6 speed gearboxes variants.

### OE Engineering

The VKT 1000 is used as an assembly plate in the production on which the gearbox is assembled step by step. The housing parts are assembled only in the last step.

Being the main part that gives the structural support; **the technical requirements are demanding both for the sheet metal part and the bearing**. SKF has developed a special solution for this part in a very close cooperation with the OEM manufacturer.

The VKT 1000 carrier, **equipped with SKF's patented bearing steel** specifically tailored for this application, is complemented by an **advanced high-tech** sheet metal component that provides the bearing with a strong and even support.



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