

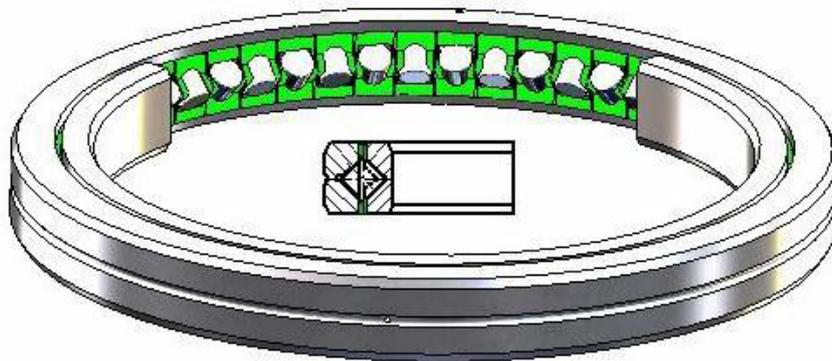
KMF Cross-roller bearings with roller cage band



KUNSTSTOFF-METALL-FORMTEILE

KMF cross-roller bearings of the series SX are alternatives with 2 rings to cross-roller bearings with divided inner or outer ring with same cross section.

Since KMF cross-roller bearings are filled as so called massif bearings over filling plugs, spacer pieces, and cross roller cage bands can be used as spacers between the roles both.



Cross roller cage bands, developed by KMF and more than 10 years ago for the large antifriction bearing range realized for the first time, were developed further now as filigrane execution for smaller rolling member sizes of the SX - series.

Cross roller cage bands have among other things the advantage that in the comparison to the spacer piece using balance distance pieces the complex determination of the cage final game can be void.

The roller bags have a one-sided rolling member guidance, which is assigned to the bearing ring without the filling drilling. Thus free spaces develop for the admission of substantial quantities of lubricants to build grease reservoirs.

The improvements, which offer cage bands, affect themselves naturally also as technical advantages for the cross-roller bearings.

Thus these have an evenly calm run also under pre-loading, which permits increased peripheral speeds.

Naturally there are positive effects thereby also on noise.

