

PRODUCT INFORMATION

REDUCERS

Oil Lubricated Bearings in Input Housings for K/KF/KA 126-186 Gear Reducers and R/RF 132/133-163 Gear Reducers

The bearings in SEW-Eurodrive input housings are normally grease packed. This allows the gear reducers to be mounted in any position without concern about adequate lubrication of these bearings. Additionally, SEW-Eurodrive's modular approach to design dictates a dry housing for commonality of parts, ensuring complete interchangeability and economy.

Grease packed bearings should be cleaned and regreased every 10,000 hours of operation. This could be as often as once a year if the gear unit operates 24 hours a day, everyday of the year. Regreasing of the bearings requires complete removal and disassembly of the input housing. Thus, oil lubricated bearings have an advantage in that the input housings would not have to be removed and disassembled to relubricate the bearings. Also the condition of the lubricant can be checked without disassembly of the input housing. Therefore, to simplify maintenance, especially on the larger gearcases, it may be desirable to provide a gear reducer with an input housing with oil lubricated bearings.

As an option, SEW-Eurodrive can supply the above referenced gear reducers with oil lubricated bearings in the input housing for **horizontal mounting positions only**. Because the input housing's oil level is independent of the reducer, the housing is provided with its own oil level plug and drain plug. The input housing is either vented back into the gear reducer or is provided with its own breather depending on the oil level of the reducer to which it is attached.

The oil in the input housing should be checked and changed at the same intervals as the oil in the gear reducer main housing. The same oil is used in the input housing as is used the gear reducer.