

SNL BEARING HOUSING



Reinforced construction.
Optimized heat dissipation.
Increased service life.

SIMPLY WELL-ENGINEERED

 **LFD**
BEARINGS



B E A R I N G S

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THE SPLIT SNL BEARING HOUSING

A competitive advantage.

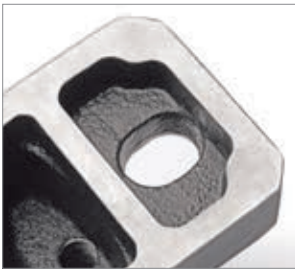
Wide assortment

Bearing housings are diverse and can be used in innumerable applications within various industrial sectors. Depending on the application requirements, different bearing types can be used in bearing housings such as spherical roller bearings, self-aligning ball bearings or barrel bearings. The bearing seat in the housing is usually designed so that the bearing acts as a non-locating bearing. To use the bearing as a fixed bearing, locating rings must be used.



At a glance:

- Radius of the bearing fit
- Surface of the housing base
- Reinforced construction
- Optimized heat dissipation
- Different greasing possibilities
- Diverse sealing options
- Repeatability during assembly/disassembly of upper and lower parts
- Quick, easy and accurate alignment of SNL housing



Reinforced construction

The support surfaces in the housing base have been enlarged by additional bridges in the area of the fixing screws. This leads to a better distribution of force when tightening the fixing screws.

This optimal force distribution on the bearing surfaces is based on the almost centrally positioned holes in the housing base. The strengthened longitudinal and transverse bars cause the base of the housing to be even more stable, but also to a more solid support surface. In this way, a possible deformation when tightening the fixing screws is minimized.



Optimized heat dissipation

Central to the bearing at the base of the housing is a link attached, which enlarges the contact surface and more effectively dissipates any heat.

The position of the middle web has been chosen so that it has the shortest connection to the bearing, where the heat is generated. Therefore, the heat is dissipated faster from the housing in the adjacent construction.



Greasing and regreasing

With most applications the bearings can be used with standard grease. Appropriate lubricants should be used depending on the temperature, load, speed and environmental conditions. Customers are actively supported by LFD engineers in selecting the appropriate lubricant. As standard, the LFD SNL bearing housings are fitted with a lubricating hole at the top of the housing. Depending on the requirement, it is possible to regrease the bearing via the supplied lubrication nipple.



Sealing options

To ensure optimal, application-based and cost effective sealing, LFD provides contacting and non-contacting seals. It is also possible to combine these. The correct selection of the seal is dependent on the respective application.



More precise alignment during assembly

Generally, the upper and lower housing parts are not interchangeable. Two cylindrical pins located in the lower housing ensure that the upper and lower parts remain in place in relation to each other.



Fastening the SNL housing: Quick, easy and accurate

After the housing is optimally aligned to the adjacent construction, the position of the housing to the connecting construction can be fastened by using the attached notches on the base with cylindrical pins.

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This portfolio includes all sizes of SNL and SD bearing housings.



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THE LFD GROUP

The company is represented on all continents.

In addition to the central warehouse in Germany, the LFD Group also maintains storage capacities in Italy, USA, Chile and China. Further branch offices world-wide ensure quick response and short delivery times.

Please see your corresponding contact at:

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Success Through Precision.