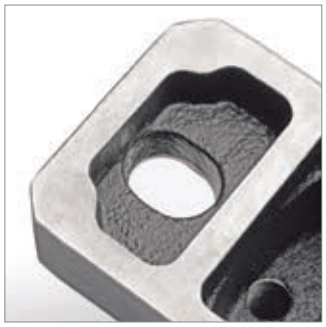
SNL PLUMMER BLOCKS



Reinforced construction.
Optimized heat dissipation.
Increased service life.

SIMPLY WELL-ENGINEERED

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THE SPLIT SNL PLUMMER BLOCK

An achievement of the LFD development department

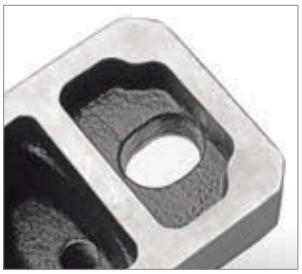
With the SNL plummer block, LFD Wälzlager GmbH introduces a well-engineered product to its customers. This optimized solution is a successful addition to the bearing specialist's product range. The particularly positive feedback from customers, as well as sales figures, proves that the intensive development activities – along with decisive product optimizations – have been worthwhile. Indeed, LFD provides a competitive edge regarding key product features.

Continuous development

The plummer block, in its simplicity, has been further developed by our engineers, notably with considerable improvements regarding wall thickness, radii and contact area.

The main benefits at a glance:

- Optimizations of the SNL plummer blocks
- Reinforced construction
- Optimized heat dissipation
- Various lubrication solutions
- Wide range of sealing options
- Repeatability of mounting/dismounting the housing bases and caps
- Quick, easy and precise alignment of the SNL plummer block



Reinforced construction

On the housing base, the contact surface has been enlarged with additional ribs in the area of the set screws. This leads to a better distribution of force when the set screws are tightened.
The optimal force distribution on the support surfaces is based on the almost centrically positioned holes in the housing base. Due to the reinforced longitudinal and transverse ribs, the housing base is more solid, while at the same time the contact area is enhanced. In this way, a potential deformation during the tightening of the set screws is minimized.

Optimized heat dissipation

A rib at the center of the housing base enhances the contact surface, while also dissipating more efficiently any generated heat.
The position of the rib has been determined so as to minimize the distance to the bearing, where the heat is generated. As a result, the heat is dissipated more quickly from the housing into the adjacent construction.

Greasing and regreasing

For most applications, the bearings can be operated with standard grease. Depending on the temperature, load, speed and environmental conditions, the appropriate lubricants should be used. LFD engineers actively support customers in selecting the right lubricant. As standard, the LFD SNL plummer blocks are fitted with a lubrication hole in the housing cap. That way, depending on the requirements, the bearing can be regreased via the supplied lubrication nipple.

Sealing options

In order to seal the bearing in an optimal, application-based and cost effective way, LFD provides contact and non-contact seals; a combination of both is possible as well. The correct selection of the seal is dependent on the individual application.

Precise alignment during mounting

In general, the housing caps and bases are not interchangeable. Two cylindrical pins located in the housing base ensure the accurate positioning of the cap and base in relation to each other.

Fastening the SNL plummer block: quick, easy and precise

Once the housing is optimally aligned to the adjacent construction, its position can be fastened on this construction with cylindrical pins, using the cast indications on the base.

SIMPLY WELL-ENGINEERED

This portfolio includes all sizes of SNL and SD plummer blocks.

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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 and China. Further branch offices world-wide ensure quick response and short delivery times.

Please see your corresponding contact at:

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