

Why SKF?

FNL flanged housings



SKF FNL flanged housings have a stiff and robust design and are accurately machined to protect and support the SKF bearings fitted in them, for applications that do not have a frame parallel to the shaft axis. The housing design enables efficient grease distribution to the bearing to optimize the effectiveness of the lubricant. FNL are available for shaft diameters ranging from 20 to 100 mm. Small housings (up to and including size 13) have a triangular flange, larger sizes have a square flange. FNL flanged housings are a direct replacement for and dimensionally interchangeable with previous generation flanged housings SKF series 7225(00).

Product features

- Grease guiding system for efficient grease distribution from side of bearing
- Low-friction, double-lip seals keep grease in and contaminants out
- Machined to tight tolerances
- Drilled holes for relubrication
- Made of high grade grey cast iron
- Lines cast into the housing flange indicate centre of the housing bore
- Cast dimples indicate locations for dowel pins

- Can be supplied with a machined centring recess, which can be used to centre the housing on a shoulder
- Housing optimized for SKF bearings

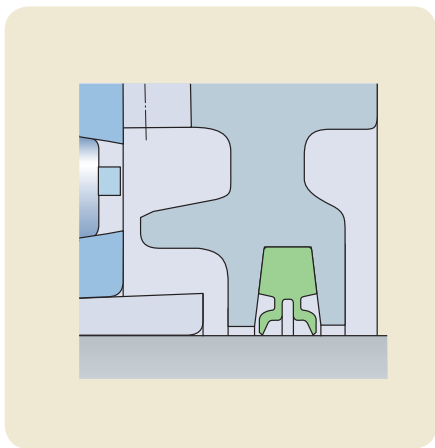
User benefits

- When relubricating, grease is delivered directly to the bearing, optimizing the effectiveness of the fresh lubricant and minimizing the quantity required
- Optimize the performance and extend the service life of the bearing
- Low maintenance costs
- Easy relubrication of bearing
- Easy, reliable and quicker mounting
- Attachment bolts are not subjected to shear force when housings with a machined centring recess are mounted to a machined shoulder with close fit
- Possible to purchase all items from one supplier

Common applications

- General applications that do not have a frame parallel to the shaft axis
- Material handling applications like conveyors
- Metal working machine applications
- Food processing industrial applications, like step peeler
- Off-highway applications
- Agricultural applications

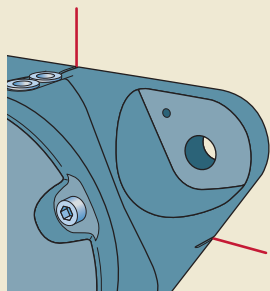




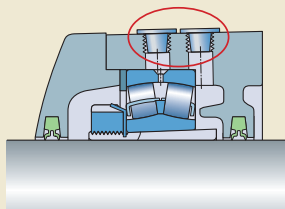
Low friction seal

Low friction double-lip seals keep grease in and contaminants out. These seals allow rotational speeds twice that of traditional felt seals.

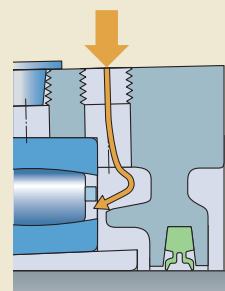
Housing design for easier installation and efficient relubrication



Easy and reliable installation. Cast indications mark the centre of the housing bore and dimples show recommended positions to drill for dowel holes when required.



Drilled as standard for relubrication at side and on centerline of bearing



Efficient grease distribution

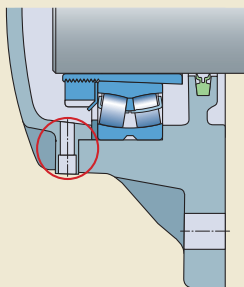
Available variants

Grease escape hole

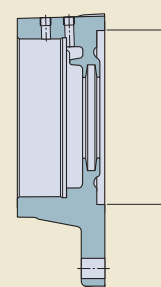
When relubricating, excess grease can normally escape via the seals. If this is not enough, SKF can supply housings with a grease escape hole in the cover, suffix V, on request.

Centring recesses

FNL housings can be supplied with a machined recess, suffix P, which can be used to centre the housing on a close fitting shoulder. With this arrangement, the attachment bolts are not subjected to shear forces.



Grease escape hole



Centring recess

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