

# SDI Plummer Block Housings

The innovation of SD housings



**HFB – Technology in motion.**



# SDI Plummer Block Housings – Efficient & Economical



The new SDI plummer block housings of HFB are the consequent further development of the SD housings proven for decades and are particularly suitable for the use of extreme load bearings.

HFB manufactures SDI plummer block housings according to highest quality expectations. Such housings are characterised by a robust construction and high level of efficiency. They meet the continuously increasing demands of different industries in a special way.

## The innovative design of SDI housings

- The combination of optimised materials with improved housing structure results in a higher level of stiffness tolerating higher loads. Therefore, the new housings meet the continuously increasing demands, reduce possible deformation of housings and bearings and extend the life of the bearing.
- The optimised force application in the installation surface as well as the improved heat removal base on the constructional redesign and the resulting enhanced geometry of the housing base. Therefore, low operating temperatures increase the lifetime of the bearings and seals as well as the working life of grease.
- Easy to install markings of the bearings and the centre of the housing facilitate on-site assembly. Precise positioning of the bearing reduces vibrations and therefore prevents high heat generation with the effect of extended life of bearing and grease.
- For the realisation of an application-related distribution of grease, the new housings are equipped with marks for centre for the sealing area as well as an application-oriented bearing lubrication. Oil lubrication can be realised as well on request. Additional bags allow a connection of both bearing sides which guarantees a uniform oil level. An optional oil sight gauge prevents over-filling.
- Vibrations and temperature sensors also can be easily installed at a later time due to the new marks for centre.
- A pinhole at the housing foot (also on both sides) at the marked spot can be additionally ordered or bored during assembly. This is for the exact positioning by means of a pin arranged during assembly and the force absorption in clamping surface directions.
- An additional modification of the housings permits the mounting of heating elements.

