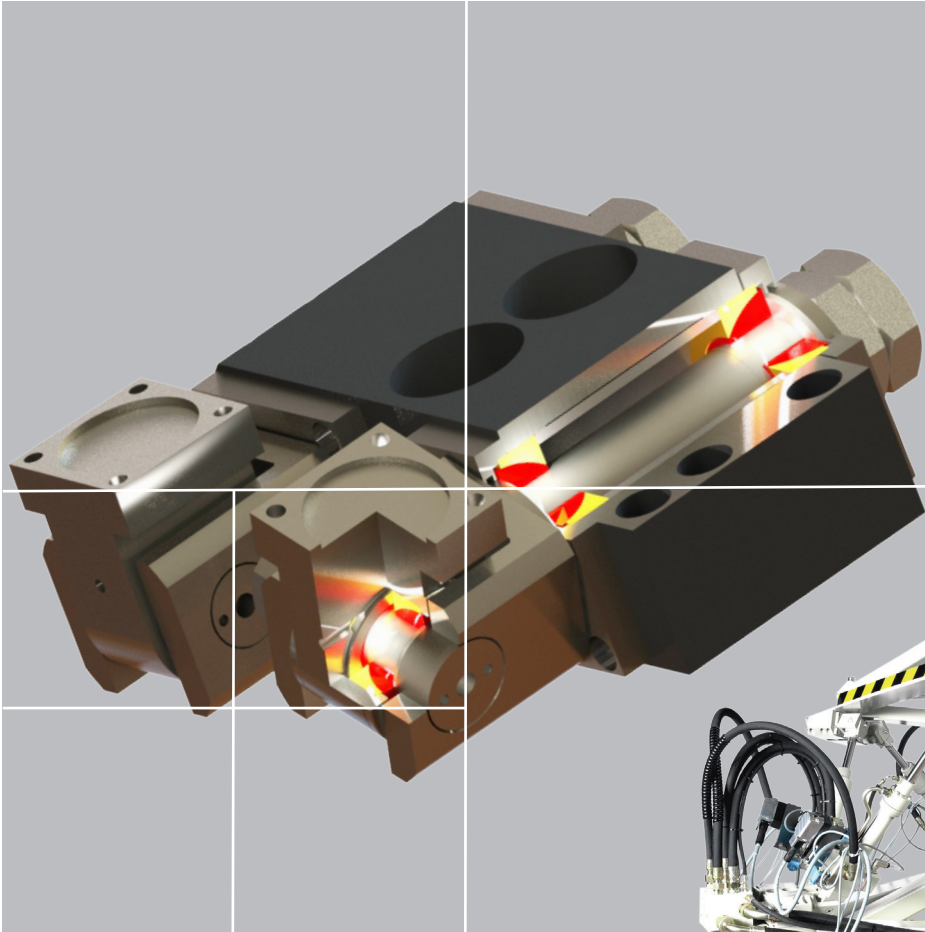


Extended useful life for Hexamove bearings



- most prior bearing can be upgraded
- no slackness
- reduced friction
- increased stability during vibration and oscillation



A critical component in hexapods is their joints. Ideally, they should be free of clearance, transmit high loads, and be free from adverse friction while facilitating large angles at the same time. Prior systems were thus frequently equipped with accurate rolling contact bearings. However, one drawback in rolling elements is the fact that they get pressed into the outer rings if they

are exposed to high loads over time. In extreme cases, this causes bearing clearance and - as a result - the need of replacement.

In order to increase the stability and performance also in older systems, we have adapted the final design. The bearings were replaced by a special kind of slide bearing rings. In this context, we specifically made sure

that prior bearings can be upgraded. That means, our customers do not have to completely new bearings. Instead, they can gradually install the new models within the scope of servicing.

Please don't hesitate to contact us for more information.



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