

Developing linear bearings for 6 generations

Are shorter assembly times, lower operating costs and a longer operating life decisive arguments for you? There is no need to look any further than Schaeffler's new development.

Since the 1980's, Schaeffler has been setting the benchmark in terms of the highest rigidity, load carrying capacity, precision and reliability with its RUE linear recirculating roller bearing and guideway assemblies. Now, with the 6th generation of recirculating roller guidance systems, the RUE..F, they demonstrate just how far this technology has come.

Having outstanding expertise in the field of rolling bearing solutions for production machinery and automation technology, which is hardly matched by any other company, the RUE..F has a completely new design of rolling element recirculation. This results in smooth-running characteristics with significantly reduced displacement forces.

With a focus on operating costs and environmental protection, one of the key benefits is that lubricant consumption has been reduced by up to 50%. This has been achieved by optimising lubrication channels, enhancing flow and efficiently transferring lubricant toward the critical point.

A new standard of accessories has also been adapted, including a mounting rail and closing plug. Assembly is now faster and more convenient. The RUE..F is available with a newly developed covering strip (ADE) which simplifies installation to within one tenth of the installation time previously required.

The upgrade to the new RUE-F pays off, whether you're as part of original equipment or as a retrofit, this design is for machine manufacturers and machine operators in equal measure.

(End: 259 words)

Link to brochure:

https://www.schaeffler.co.uk/content.schaeffler.co.uk/en/news_media/media_library/index.jsp?tab=mediathek-pub&uid=87669632&subfilter=app:dc;language-vid:167;language-pub:167;mediatyp-pub:all;referencetyp-pub:0

