

# SKF Cooper split bearings save cement plant over \$1.2M

## The challenge

In the demanding environment of a cement plant, unexpected equipment failures can lead to significant downtime and costly repairs.

This was the case when an SAF unit on a pan feeder in a kiln operation failed, requiring immediate replacement.

Complicating matters further, there was no crane available for the installation, posing a challenge for the maintenance team.



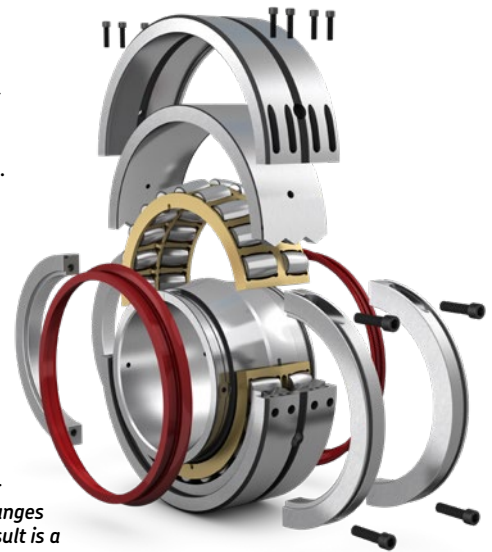
## The solution

The cement plant's industrial distributor immediately reached out to SKF for assistance. SKF's engineer proposed replacing the SAF unit with an SKF Cooper split spherical roller bearing. Unlike traditional bearings, the innovative SKF Cooper split bearing can be installed around the shaft without dismantling adjacent machinery, eliminating the need for a crane and making it an ideal choice for trapped bearing locations.

SKF's engineer guided the maintenance team through the process, providing step-by-step instructions and technical expertise. This enabled the team to carry out the replacement swiftly and safely within a matter of hours instead of days.

## The result – over \$1.2M in cost savings!

The implementation of the SKF Cooper split-to-the-shaft bearing delivered immediate results for the cement plant. By avoiding the need for a crane and minimizing downtime and prolonged production interruptions, **the plant achieved a cost savings and cost avoidance equating to \$1,266,603.**



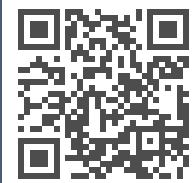
*SKF Cooper split bearings are designed for easy replacement and require very few changes to the shaft alignment or driveline. The result is a significant reduction in mean time to repair, as well as reduced downtime, maintenance costs and risk to worker safety.*

[skf.com](https://skf.com) | [cooperbearings.com](https://cooperbearings.com)

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