



Protect your bearing investment with SKF® remanufacturing services

Benefits

- Saves up to 75% of the cost of a new bearing
- Significantly extends bearing life cycle
- Increases bearing in-service life substantially
- Improves uptime by increasing machine availability
- Saves energy and materials needed to manufacture a new bearing

Typical applications

- Suction press rolls
- Calendar rolls
 - Soft calendar
 - King calendar
 - Queen calendar
 - Intermediate calendar
- Yankee cylinders

Can extend the life cycle of large bore bearings by 50% or more

Operations using large bore bearings know replacing them is an expensive proposition, both in new bearing cost and lost productivity. Why replace a bearing unless you really have to? Today, SKF® routinely takes bearings slated for scrapping and expertly remanufactures them to like-new condition for extended service.

Significant cost savings

Bearing remanufacturing services from SKF enable you to save your sizeable investment in large bore bearings by revitalizing the valuable materials, energy and skills that originally created each bearing. The result? A savings of up to 75% over the cost of a new bearing.



Detailed bearing analysis

Before any work begins, skilled SKF technicians inspect each bearing and issue a comprehensive bearing analysis report.

Bearing remanufacturing candidates

Bearings with a 250mm (10") O.D. and larger are generally more economical to remanufacture. However, smaller bearings are often remanufactured on customer request.



For more information on SKF products and solutions for the pulp and paper industry, contact your SKF Authorized Distributor or visit www.skfusa.com.

SKF

Authorized
Distributor



SKF puts more ROI in your MRO!

The SKF 360° Solution program embodies our goal to help you get more out of your plant machinery and equipment investment. This means lowering your maintenance costs, or raising your productivity, or both! Here's an example of the SKF 360° Solution program at work in the pulp and paper industry.

SKF repairs critical bearings in record time and saves company \$128,000

A paper mill was experiencing several maintenance-related problems with the triple ring bearings in its continuously crowned suction press roll.

The bearings were failing repeatedly in as little as six months, negatively impacting productivity and profitability. Compounding these problems, the mill had different suppliers of new bearings and remanufactured bearings, which caused availability problems and spikes in inventory and maintenance costs.

When the plant first contacted SKF, it faced a more immediate problem: several triple ring bearings urgently needed failure analysis, and at least one remanufactured bearing was needed back on site as soon as possible, since no other spares were available.

After completing the failure analysis, SKF determined that the bearings, although significantly damaged, could be remanufactured by replacing the inner ring and rollers and a combination of grinding and polishing. SKF was able to remanufacture and

return the bearings in the record time of 11 weeks, compared to the 12 months that manufacturing a new bearing would require. In the end, SKF saved the plant \$128,520 in new bearing purchases and related costs, as well as significant potential lost production.

SKF also answered the mill's inventory problems by becoming its one-stop supplier of new and remanufactured bearings. SKF is now combining root cause failure analysis with seals, lubrication, and condition monitoring services to help the company meet a longer-term goal: extending the service life of those triple ring bearings from six months to two years.

Return On Investment (ROI) summary

Purchase and installation of new bearings	\$218,125
Purchase and installation of SKF-remanufactured bearings	<u>\$89,605</u>
Total savings.....	\$128,520
TOTAL ROI	143%

Note: As SKF was able to service the customer in 11 weeks, SKF was able to save the customer \$1.4 million in potential lost production.



Even with such severe damage, SKF was able to remanufacture the bearing using its vast knowledge and expertise.



SKF 360° Solution ROI calculations are from the SKF Documented Solutions Program. Ask your SKF Authorized Distributor for more details.

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