

ACB Triple Ring Bearing for Farrel Rolls: Unmatched Performance for the Paper Industry



The **ACB Triple Ring Bearing** is meticulously engineered for use in Farrel Rolls, delivering unmatched performance in high-demand paper industry applications. Its advanced design incorporates a double-row cylindrical roller bearing on the outer side and a spherical roller bearing on the inner side, ensuring superior load capacity, enhanced stability, and reliable operation even under the most challenging conditions.

The unique Farrel design features middle rings with threaded holes on both end faces, allowing the roll shell to be driven either directly or via a coupling. This flexible configuration facilitates easy installation and maximizes performance across a range of applications.

The innovative design improves alignment and reduces wear, which results in a longer service life for the entire roll system. By focusing on both performance and reliability, the **ACB Triple Ring Bearings** ensure continuous productivity and superior operational efficiency in even the most demanding industrial environments.



Quality control of the ACB Triple Ring Bearing at our Miami facility

Key Components

Double-row cylindrical roller bearing (outer): Provides high radial load capacity and stability.

Spherical roller bearing (inner): Accommodates misalignment, ensuring flexibility under combined loads.

Middle rings with threaded holes: Facilitate roll shell drive, either directly or via a coupling.

Roll shell: External housing that ensures precise and reliable movement of the bearing in the application.

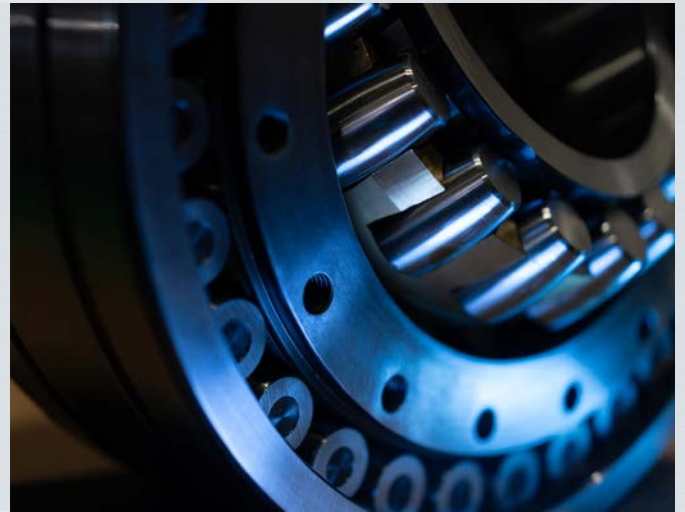
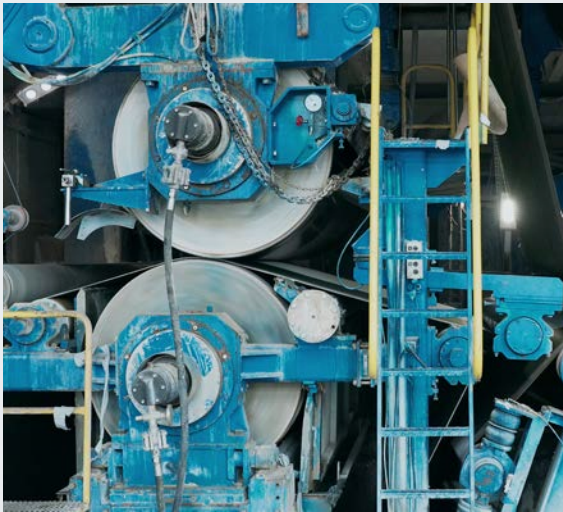
Advantages

Higher Load Capacity: Capable of withstanding significant axial and radial loads, these bearings are designed for heavy-duty processes, such as those found in the paper industry.

Reduced Maintenance: ACB bearings are built for continuous operation in harsh environments, reducing maintenance intervals and enhancing production uptime.

Improved Precision: Farrel Rolls demand precise alignment to ensure product quality, and ACB Triple Ring Bearings help achieve that with reduced vibration and high accuracy.

Longer Lifespan: Thanks to their robust design and premium components, ACB bearings offer exceptional durability, even in extreme operating conditions.



Applications in the Paper Industry

ACB Triple Ring Bearings are the ideal solution for high-demand industrial environments, such as paper manufacturing, where precision, durability, and the ability to handle heavy loads efficiently and continuously are required. Their primary application is in Farrel Rolls, which are critical components in paper production. These bearings help ensure precise alignment and smooth operation of the rolls, supporting high loads and speeds typically encountered in paper production processes.

ACB Triple Ring Bearing, part of the wide array of industrial solutions offered by ABS, provide a cutting-edge engineering solution that enhances the reliability and efficiency of equipment in the paper industry.