

Custom Precision Bearing Assemblies

POULTRY PROCESSING EQUIPMENT



PROBLEM

A leading overhead conveyor manufacturer required durable bearings for a poultry processing conveyor system. The system operates in a harsh environment, routinely exposed to high-pressure washdowns to meet strict sanitation standards. The customer's existing setup involved using a precision ground bearing combined with a spacer and a stud—an assembly process that was time-consuming and prone to misalignment, especially around conveyor corners.

SOLUTION

Kilian™, known for its expertise in poultry conveyor bearing applications, engineered a custom solution: the Kilian No-Rust 300 Series stainless steel shielded bearing assembly with an integral stud. This value-added design allows for direct installation out of the box, eliminating the need for end-user assembly. To further enhance performance, Kilian incorporated a slight radius on the outside diameter, improving alignment during cornering—something not achievable with standard off-the-shelf bearings. The stainless steel construction ensures long-term durability and resistance to the rigors of frequent washdowns, making it ideal for demanding poultry processing environments.

HIGHLIGHTS

- Sealed stainless steel ball bearing with shielded housing
- Washdown and corrosion resistant
- Smooth movement
- Integral stud for easy installation

Regal Rexnord

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The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>.

To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale>.

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