



Product

Custom Stainless Steel Bearing Assembly

Application

Overhead Poultry Conveyor

Highlights

- Special 300 Series stainless steel shielded assembly
- Will not rust
- Slight radius on the outer diameter to enable better performance
- Reduces maintaining component inventory
- Washdown resistant
- Reduces maintenance costs and equipment downtime

A leading overhead conveyor manufacturer needed bearings for a poultry processing conveyor system. The overhead system is routinely subjected to high-pressure washdowns to meet sanitation requirements.

Kilian was contacted due to their expertise in poultry conveyor bearing applications. The customer was using a precision ground bearing and then adding a spacer and a stud. Kilian engineers rose to the challenge and developed a Kilian No-Rust 300 Series stainless steel shielded assembly with an integral stud. This value-added assembly gives the end-user the ability to install the product right out of the box, eliminating any bearing assembly by the end-user.

Kilian also added a slight radius on the outside diameter, which is a benefit in the field when the conveyor is moving around corners (misalignment). This cannot be done with a standard off-the-shelf precision bearing.

The Kilian custom stainless steel assembly is designed to withstand the rigors of the harsh washdown environment.

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