



NOLU®-CLEAN ANTIMICROBIAL MOUNTED BEARINGS

APPLICATION

Food Processing Equipment

SOLUTION TYPE

Downtime Reduction
Maintenance Cost Savings

DESCRIPTION OF PROBLEM

A food processing equipment manufacturer was receiving complaints that bread crumbs used in a chicken breading process were getting packed in the open area between the back of the bearing and the conveyor frame. This particle entrapment was a concern to inspectors and plant personnel. Using a competitor mounted ball bearing, the customer was reviewing the potential use of auxiliary seals and changes to the conveyor frame.

SYSTEM PLAST® PRODUCTS SOLUTION

Nolu®-Clean washdown bearings with rear back side seal and end caps were a drop-in replacement from the competitor bearings they were using. The back side seal eliminated the particle entrapment point and did not require any additional sealing components or frame changes. The customer said, "I think we've solved our problem."

KEY CUSTOMER NEEDS AND BENEFITS FROM SYSTEM PLAST® PRODUCTS

Nolu®-Clean mounted bearings are made with an antimicrobial material for improved hygiene. These bearings will help customers meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.



NOLU[®]-CLEAN ANTIMICROBIAL MOUNTED BEARINGS

System Plast[®] brand Nolu[®]-Clean bearings from Regal are made from an antimicrobial material for improved hygiene. Created through the latest available technology, Nolu-Clean bearings will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

NOLU-CLEAN BEARING APPLICATIONS:

- Food and Beverage Industry
- Chemical
- Pharmaceutical
- Agriculture
- Material Handling

FEATURES:

- Solid reinforced thermoplastic housing
- Stainless steel insert option
- Special long-life grease lubrication
- Back-side seal
- Thermoplastic FDA approved cap material
- Self alignment - will adjust to a misaligned straight shaft up to 2.5°
- Optional integrated bearing standoffs available to meet stringent sanitation standards for cleaning and inspection
- Superior cap and seal system protects bearing insert from contaminants and wash-down chemicals

BENEFITS:

- Strong
- Corrosion resistant
- Clean
- Low maintenance



**SYSTEM
PLAST[®]**

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APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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