

Custom Bearing Assembly

GARMENT RACKS FOR TRUCKS

PROBLEM

A regional conveyor OEM needed a bearing solution to replace failing bearings on their rack systems used in garment/uniform delivery trucks. The problems occurred because the solid plastic roller/bushing very quickly became worn and began to fail in the field. Repair of the current design required a very time-consuming disassembly of the system that also forced some system components to be scrapped. This problem was becoming a major repair expense and pain point for the customer, so they approached Kilian to help find a solution.

SOLUTION

After careful review of the application, Kilian engineers quickly designed a custom, double-row ball bearing assembly integrated into a housing made with an engineered plastic selected for durability. The key feature that impressed the customer was an integrated set screw which ensures proper alignment to the rack arms, smooth rolling performance, and easy, quick maintenance.

Even though the new bearing design was more expensive than the original plastic bushing, the customer will save many thousands of dollars per year in repair and maintenance costs with the customized, value-added Kilian design solution.



HIGHLIGHTS

- Custom, double-row bearing assembly
- Integrated set screw to ensure proper alignment
- Engineered plastic selected for long life

Regal Rexnord

Contact us: 1-315-432-0700

kilianbearings.com | regalrexnord.com

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>.

"Regal Rexnord" is not indicative of legal entity. Refer to product purchase documentation for the applicable legal entity. Regal Rexnord and Kilian are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

© 2015, 2025 Regal Rexnord Corporation, All Rights Reserved.
MCCSS-P-7609-KM-EN-US 08/25



KILIAN