

# Custom Bearing Assemblies

## HOSPITAL OVERBED TABLES

### PROBLEM

A leading international hospital equipment manufacturer needed a cost-effective bearing solution to replace the nylon bushings used on its adjustable height overbed tables. The bearings allow the telescoping table base to be raised and lowered for optimum ergonomic patient use.

### SOLUTION

In an effort to reduce costs, Kilian™ engineers worked closely with the customer during the development of a custom double row ball bearing assembly. The units feature an overmolded black Celcon™ outer race that is grooved to ride within the contour of the table's aluminum vertical column. The Celcon copolymer material also reduces noise during operation. The bearings are shielded to protect against dust and dirt.



### HIGHLIGHTS

- Cost-saving solution
- Celcon™ outer race
- Low noise operation
- Smooth movement
- Shielded to protect against dust

### 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>.

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