



Product

Custom Bearing Assemblies

Application

Hospital Overbed Tables

Highlights

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

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.

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.

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