



Product

Stainless Steel Custom Bearing

Application

Moveable Glass Wall Partitions

Highlights

- Unique stainless steel bearing solution
- Single unitized assembly
- Rapid prototype development

A manufacturer of movable glass and wall partitions for homes and businesses contacted Kilian and asked the Kilian team to come up with a solution to their problem. The issue was the current moving mechanism was a solid unit creating excessive heavy friction when opening and closing the movable walls.

Working together with the customer, including visits to the customer's plant, the Kilian engineering team was able to experience first hand the challenge that needed to be resolved. Kilian designed a unique stainless steel custom solution. An initial bearing assembly was prototyped and submitted in just a few weeks time. The development stages were analyzed and further improvements were made. A final prototype was submitted and approved for production.

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